



# Informed Sources

*A database of faculty expertise at the University of Victoria for media*

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# INTRODUCTION

Welcome to the print version of UVic's online experts database for media - a one-stop resource for journalists searching for UVic researchers willing to discuss topics and issues related to their research.

The database is updated regularly online. Always visit [communications.uvic.ca/experts/](http://communications.uvic.ca/experts/) for the most up to date version.

Journalists can contact researchers directly at the numbers or email listed or request assistance from a UVic Communications officer at (250) 721-7636.

To view UVic media releases, publications and other information for the media visit the UVic Communications media page at [communications.uvic.ca/media/](http://communications.uvic.ca/media/)

# ARTS

## FILM STUDIES

### Maureen Bradley

Writing

Phone: (250) 721-6308

E-mail: bradley@uvic.ca

#### Expertise:

Film and Video Production

Screenwriting

Literary Adaptations for the Screen

Dr. Bradley's Faces of UVic Research video:

[http://www.youtube.com/watch?v=P5\\_xLQOJ6GE](http://www.youtube.com/watch?v=P5_xLQOJ6GE)

### Ingrid Holmberg

Greek and Roman Studies

Phone: (250) 721-8528

E-mail: ingrid@uvic.ca

Languages: French, German, Ancient Greek and Latin

#### Expertise:

Ancient Greek Poetry, especially epic, Homer, Hesiod

Feminist theory and Greek poetry

Film and Ancient World

### Timothy Iles

Pacific and Asian Studies

Phone: (250) 721-6237

E-mail: timiles@uvic.ca

Languages: Japanese

#### Expertise:

Contemporary Japanese culture, including literature and film

### Sada Niang

French

Phone: (250) 721-7379

E-mail: sniang@uvic.ca

Languages: French and Wolof

#### Expertise:

Francophone African and Caribbean Literatures

Caribbean Literatures in English

African and Caribbean Cinemas

### Dan Russek

Hispanic and Italian Studies

Phone: (250) 472-5455

E-mail: drussek@uvic.ca

Languages: Spanish and French

#### Expertise:

20th-century Latin American literature, arts, and culture, with an emphasis on Mexico and Argentina.

Literature and visual arts and media.

Aesthetics.

### Lincoln Shlensky

English

Phone: (250) 721-6206

E-mail: shlensky@uvic.ca

Languages: French, Hebrew, Spanish

#### Expertise:

I conduct research in the areas of international and American cinema studies and film, postcolonialism, cultural studies, and Holocaust studies. My research interests and background are described in greater detail at [www.shlensky.com](http://www.shlensky.com).

### Andrea Walsh

Anthropology

Phone: (250) 721-7050

E-mail: awalsh@uvic.ca

#### Expertise:

- Visual culture studies including film, photography and art
- Contemporary 20th-century Aboriginal art from North America
- Space and place and Aboriginal peoples

<h3>Expertise Profile</h3>

Dr. Andrea Walsh wears two hats as an academic.

She is both a visual artist and a visual anthropologist. She approaches anthropology from a visual perspective, exploring what it means as humans to make images while also making art of her own.

Currently Dr. Walsh is working in collaboration with Dr. Paulette Regan of the Truth and Reconciliation Commission on a collection of paintings done by Indigenous students at the Port Alberni Residential School.

The collection of paintings was part of a gift to the University of Victoria Art Collections by Robert Aller, the art teacher at the time they were produced.

Dr. Walsh's university team spent two years working with elders from Coast Salish communities to find the artists or their families. Roughly half of the paintings have been traced back to their creators and will be returned to them.

Since 2000, Dr. Walsh has also worked with the Osoyoos Indian Band and the Osoyoos Museum Society to research and document a collection of 1930s and 1940s Okanagan children's art from the Inkameep Day School.

Dr. Walsh and her team are now reaching out to an estimated 1,000 institutions across Canada to see what other artwork may have survived from the era of Canada's residential school system.

She hopes that uncovering art from this period can play a

## ARTS

role in understanding the history of residential schools. Dr. Walsh explains that images like these can be used in unique ways to help us see each other differently and perhaps better understand each other's past and contemporary lives.

At UVic, Dr. Walsh runs a Coast Salish artist-in-residence program. Every year she invites a different resident artist into her anthropology of art classes so her students learn not only through dialogue but also through actual art practice.

As an artist, Dr. Walsh works in printmaking, photography and video.

## HISTORY IN ART

### R. Brendan Burke

Greek and Roman Studies

Phone: (250) 721-8522

E-mail: bburke@uvic.ca

Languages: Modern Greek and Turkish

#### Expertise:

Textile production in the Bronze and Iron Ages, in the Aegean and in Anatolia  
Greek Religion  
Aegean ceramics and chronology

### Catherine Harding

History in Art

Medieval Studies

Phone: (250) 721-6304

E-mail: charding@uvic.ca

Languages: Italian

#### Expertise:

Orvieto cathedral  
Illustrated books of the later Middle Ages

### Marcus Milwright

Professor, Director for the Medieval studies program

History in Art

Phone: (250) 721-6302

E-mail: mmilwrig@uvic.ca

#### Expertise:

-Islamic Art and Archaeology  
-Cross-Cultural Exchange in the Medieval Mediterranean  
-History of Medicine  
<h3>Expertise Profile</h3>

Imagine a city destroyed during a period of conflict. What happens to its culture and artifacts?

Conflicts in Middle Eastern nations, such as Syria, threaten traditional craft-making, an important dimension of Islamic culture that people have preserved for hundreds of years. "I fear that a lot of traditional manufacturing will just disappear along with so many other aspects of this very diverse culture," Marcus Milwright says.

Dr. Milwright studies the art and archeology archaeology

of the Islamic world to record and preserve our knowledge of the crafts created between the 7th and 19th centuries in the Middle East. He studies the people involved in the practice of the crafts and the techniques they employed. Islamic artists have left little information behind, making it even more important to study their work and learn more about them.

To increase our knowledge of Islamic artwork, Dr. Milwright is translating an Arabic dictionary about the crafts of Damascus. The dictionary was written somewhere between 1890 and 1906, a period we know surprisingly little about. "This important text provides a wonderful opportunity to correlate descriptions of what people were doing to the surviving objects," Dr. Milwright says.

Dr. Milwright also ensures that his students can increase their understanding of Islamic crafts, and uses actual artifacts in his classes: "We can have one-to-one experiences with 10th-century Koran pages, or 7th-century coins. It takes you away from the projected image on the wall to actually understanding the tangible qualities of objects," he says.

#### <h3>Related Links</h3>

Dr. Milwright's Faces of UVic Research video:

<http://www.youtube.com/watch?v=dMSdK-yHoq8>

### Dan Russek

Hispanic and Italian Studies

Phone: (250) 472-5455

E-mail: drussek@uvic.ca

Languages: Spanish and French

#### Expertise:

20th-century Latin American literature, arts, and culture, with an emphasis on Mexico and Argentina.  
Literature and visual arts and media.  
Aesthetics.

### Andrea Walsh

Anthropology

Phone: (250) 721-7050

E-mail: awalsh@uvic.ca

#### Expertise:

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As an artist, Dr. Walsh works in printmaking, photography and video.

## SCHOOL OF MUSIC

### Daniel Biro

Music

*Phone:* (250) 721-7930

*E-mail:* dpbiro@uvic.ca

*Languages:* Hungarian, German, Hebrew and some French

***Expertise:***

Composition  
Music Theory  
Ethnomusicology  
Judaic Studies  
Critical Theory  
Electro-Acoustic Music

### Peter Driessen

Electrical and Computer Engineering  
Music

*Phone:* (250) 721-8688

***Expertise:***

Audio and Video Signal Processing  
Computer Music  
Wireless Communications  
Radio Propagation  
Sound Recording  
Audio aspects of media  
Communications Systems  
Multimedia systems and networks  
<h3>Degrees</h3>  
B.Sc., Ph.D. (British Columbia) P.Eng.

### Ann Elliott-Goldschmid

Artist in Residence

Music

*Phone:* (250) 721-7919

*E-mail:* aelliott@uvic.ca

***Expertise:***

Practice of Musical Performance  
Primarily Chamber Music, with the Internationally recognized Lafayette String Quartet.  
Also, concertmaster of the Galiano Ensemble of Victoria  
<http://galiano.ca/>  
Recital engagements, collaborating with artists including Bruce Vogt, Eva Solar Kinderman, Marc Ryser, Arthur Rowe, Harald Krebs, Eugene Dowling, David Jaffe.

### Susan Lewis

Music

*Phone:* (250) 721-7755

*E-mail:* finedean@uvic.ca

***Expertise:***

My research focuses on music printing and publishing in Europe during the 16th- and 17th- centuries. My specific research interests are music editing and the professionalization of the role of editor.

### W. Andrew Schloss

Professor

Music

Computer Science

*Phone:* (250) 721-7931

*E-mail:* aschloss@uvic.ca

*Languages:* Spanish

***Expertise:***

- Electronic and computer music  
- Computer-human interaction  
- Non-western music  
- New musical instruments  
- Ethnomusicology  
<h3>Expertise Profile</h3>

Dr. Andrew Schloss combines science and art by experimenting with music using technology.

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Dr. Schloss is the co-creator of the combined Music and Computer Science degree program at the University of Victoria. Even in his class on acoustics, which is largely technical, he is still interested in how acoustics can inspire his students as artists.

From the beginning of his career, Dr. Schloss has paid particular attention to the role of the computer in musical performance and has composed several pieces using computers and virtual instruments.

He has a keen interest in new musical instruments and as a percussionist and electronic musician he's a virtuoso on a new instrument called the radiodrum. He has had great success with the instrument, performing across Europe and North America since 1988.

Recently he has developed an interest in music and robotics. He uses a computer to activate robotics that produce acoustic sound live.

Another longstanding interest is the field of public art and sound art. He has collaborated with numerous artists around the world and most recently worked on translating the tides into sound with a sculpture in False Creek by the Seattle artist Buster Simpson.

His other research interests rest in ethnomusicology, specifically Cuban and West African music.

<h3>Degrees</h3>  
Ph.D. (Stanford)

<h3>Related Links</h3>  
Dr. Schloss' Faces of UVic Research video:  
<http://youtu.be/8VtPnr4WF0w>

### George Tzanetakis

Assistant Professor  
Computer Science  
Music  
*Phone:* (250) 472-5711  
*E-mail:* [gtzan@cs.uvic.ca](mailto:gtzan@cs.uvic.ca)  
*Languages:* Greek  
*Expertise:*

- Music information retrieval
- Computer music
- Audio signal processing
- Machine learning
- Human computer interaction

<h3>Expertise Profile</h3>

If engineering and fine arts seem worlds apart, then take a look at how George Tzanetakis blends the two.

As a computer scientist and the Canada Research Chair in Computer Analysis of Audio and Music, Dr. Tzanetakis is an emerging researcher in music information retrieval - he creates algorithms that instantly extract information from

complex audio signals.

This has all sorts of creative applications, from personalized radio systems that recommend music you may like, or audio fingerprinting in mobile phones, which allows you to identify a music piece being played in a coffee shop or a bar.

Dr. Tzanetakis is currently working on analyzing large personal music collections to develop systems that recommend music to a particular user. He wants to expand the technology's capabilities so that computers, listeners and musicians can interact better with each other.

Dr. Tzanetakis, a musician himself, is also developing a robotic percussionist that can improvise with human performers. Although a music ensemble with musicians and computers can be complex, he believes it can also be rich and dynamic. His curiosity in the field drives him to iron out the wrinkles still present in human-computer interactions.

Working with whale biologists, Dr. Tzanetakis is also involved in building tools to analyze audio vocalizations of killer whales. Working with 20,000 hours of archival data, he is helping to streamline the process by creating algorithms that can mark segments of interest, organize the audio files and recognize various types of orca calls.

In the innovative Computer Science and Music combined program, Dr. Tzanetakis engages his students in real-life projects that push their boundaries and help them understand learned concepts at a deeper level.

<h3>Degrees</h3>  
Dr. Tzanetakis holds a Ph.D. from Princeton.

<h3>Related Links</h3>  
Dr. Tzanetakis' Faces of UVic Research video:  
<http://www.youtube.com/watch?v=iRGUK59TTjM>

## THEATRE

### Laurel Bowman

Assistant Professor  
Greek and Roman Studies  
*Phone:* (250) 721-8517  
*E-mail:* [lbowman@uvic.ca](mailto:lbowman@uvic.ca)  
*Languages:* Latin, Ancient Greek, French and German  
(all but French reading only)

*Expertise:*

- Ancient Greek literature, especially tragedy
- Classical mythology in popular culture
- Female-authored Greek poetry
- Ancient Greek literature and world on film
- Modern revisions of Greek literature

<h3>Expertise Profile</h3>

If ancient texts weren't still relevant today, we wouldn't be reading them.

The very fact that society still studies ancient Greek literature is proof of its lasting power, says Greek and Roman Studies assistant professor Dr. Laurel Bowman.

Her area of interest lies specifically in Greek tragedy, a genre she says has inspired countless other works of literature, right up to modern day film and television.

Dr. Bowman persistently highlights the role, or lack of one, of women, the construction of gender and the significance of that construction in any text she looks at.

Her most recent research project focuses on a recent translation of Homer's *The Iliad* by poet Alice Oswald. The poem concentrates only on the death scenes and the similes. Dr. Bowman argues that the translation highlights the depths of human sacrifice, torment and loss suffered by the foot-soldiers, and by their families and communities, as a result of the Trojan War.

Another research project focuses on the myth of the sacrificial virgin and its presence in pop culture, specifically the works of writer/director Joss Whedon of *Buffy the Vampire Slayer* fame.

She brings her research on *Antigone* or *Electra* into the classroom, where her enthusiasm for the subject matter is palpable.

Dr. Bowman's hope is that everyone comes out of her classes with a new filter to look at the stories they read, the films they watch and even the newspapers they pick up.

### Related Links

Dr. Bowman's Faces of UVic Research video:

<http://youtu.be/uBzPM-21Hbc>

## Janelle Jenstad

Professor

English

Phone: (250) 721-7245

E-mail: [jenstad@uvic.ca](mailto:jenstad@uvic.ca)

Languages: French

### Expertise:

- Shakespeare in performance
- Editing and bibliography
- The literature and culture of London in the 16th and 17th centuries
- Digital humanities, GIS, and text encoding
- London livery companies and civic pageantry

### Expertise Profile

Dr. Janelle Jenstad is interested in building communities for scholars, students and the public alike.

As founder and director of The Map of Early Modern London, she digitally maps cultural documents onto a bird's-eye view of 16th- and 17th-century London, England.

In the same way that maps were used in Shakespeare's time to build a community identity among newcomers flocking to London, Dr. Jenstad's digital map is attracting a widening circle of online devotees.

She is also the assistant coordinating editor of Internet Shakespeare Editions (ISE). The ISE receives over a million hits a month and is used in rehearsal halls and classrooms around the world.

As a professor in the Department of English at the University of Victoria, Dr. Jenstad is increasingly interested in how students learn.

She is certified to administer the Myers-Briggs Type Indicator test, a personality assessment tool commonly given to college and university students. This comes in handy when she's mentoring teaching assistants on how to teach -- they can learn their type to find their own personalized teaching style.

Dr. Jenstad also lectures regularly on Shakespeare in performance for classes and audiences across Canada, and writes about Canadian productions and adaptations of Shakespeare. She has curated two exhibits on Shakespeare and opera in partnership with Pacific Opera Victoria.

Dr. Jenstad's research interests include Shakespeare and his contemporaries, editing, mapping literature, early modern London, and digital humanities.

### Related Links

Dr. Jenstad's Faces of UVic Research video:

<http://www.youtube.com/watch?v=klkLh76fOc8>

The Map of Early Modern London

<http://mapoflondon.uvic.ca>

Internet Shakespeare Editions

<http://internetshakespeare.uvic.ca>

## VISUAL ARTS

### Alexandrine Boudreault-Fournier

Assistant Professor

Anthropology

Phone: (250) 721-7052

E-mail: [alexbf@uvic.ca](mailto:alexbf@uvic.ca)

Languages: Spanish, French

### Expertise:

- Visual anthropologist producing films and installations
- Music and sound
- Visual and media arts
- Music
- Music, youth and politics in Cuba

### Expertise Profile

Alexandrine Boudreault-Fournier is a visual anthropologist with a focus on Cuba; she laces together the disciplines of anthropology, visual arts and sound

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studies to explore new theoretical and methodological avenues of research.

One of the main contributions she brings to visual anthropology is the recognition of sound, which she considers to be culturally meaningful but often forgotten in our everyday life. Her courses, where she has the most impact, focus on media, sound and visual anthropology.

Before becoming an assistant professor in the department of anthropology, Dr. Boudreault-Fournier examined hip-hop culture in urban Cuba and its significance for the youth after the Revolution in 1959.

She eventually directed a film on this topic in 2010 called Golden Scars. Having always been interested in producing videos as a creative outlet for showcasing her anthropological research.

More recently, her research has expanded to the enjoyment and sharing of digital music in Cuba, a country where there is little access to the internet due to technological and ideological reasons. She looks at how the memory stick promotes the sharing of files, but raises the risk of contaminating computers that lack security software.

Dr. Boudreault-Fournier's work informs people that even in our rapidly-changing world with digital media at its helm, not everyone has access to the internet. She looks at how the role of political will, power and the access to internet shape the way people interact with each other in Cuba.

In 2012, Dr. Boudreault-Fournier initiated a group of students called Sonoptica who organize events such as the annual Turbulent Film Festival. She is also managing a summer school program in Cuba for students in cultural anthropology to which she brings an immersive and contextual approach to the month-long course.

### **Robert Dalton**

Curriculum and Instruction

#### **Expertise:**

My research examines the periphery of the art world and examines ways of bringing that into the art curriculum. Those areas include child art, First Nations art and the art of other minority groups, mass media, and outsider art. I am also interested in critical analysis of children's art exhibitions, intergenerational art experiences, and studio pedagogy.

### **Wanda Hurren**

Associate Dean, Administration  
Curriculum and Instruction

Phone: (250) 472-4246

E-mail: whurren@uvic.ca

#### **Expertise:**

I continue to explore links between Place, Identity, Aesthetics and Epistemology. I have completed two studies funded by the Social Sciences and Humanities Research Council of Canada; one examined how space is used in public secondary schools and implications for policies and practice regarding equitable use of school space; another explored approaches to mapping place so that links between people and places are more evident. Both studies explored how where we are influences who we are.

I am currently conducting a study on the UVic campus, titled "Constructing Sights" that is exploring how an attention to aesthetics influences how we "think and do" in places, particularly in places of work, and particularly during a construction project.

### **Daniel Laskarin**

Associate Professor and Chair, Department of Visual Arts  
Visual Arts

E-mail: laskarin@uvic.ca

Languages: French (limited)

#### **Expertise:**

- Visual art, including sculpture, media arts, photography, public art, art history, theory and criticism

<h3>Expertise Profile</h3>

When you walk down the street and see a store display, that's a kind of art. When you go to a movie, that's also a kind of art.

For Daniel Laskarin, associate professor and chair of the Department of Visual Arts at the University of Victoria, art is everywhere. Much of it simply reaffirms what we already know, but as it shapes our thinking through perceptual experience it's doing the work of art.

Some of it asks questions or challenges our assumptions about our experience and the world around us; this is the interesting stuff.

His own artistic practice is object based, constructed to evoke an intellectual, imaginative and physical response from the viewer. He draws on principles of philosophy, psychology and engineering during the creation process.

Laskarin uses a diverse range of media including photography and video, optics, robotics systems, installation and sound works, set design and public image projections.

He has been awarded large-scale public commissions in Vancouver and Seattle and he has exhibited in Canada, the United States, Europe, Algeria and Brazil.



There is direct correlation between the kinds of investigations he does in his work and the kinds of investigations that he asks his students to make in their coursework.

Recently he has been using household furniture or resemblances of household furniture as a point of departure for his pieces. This preoccupation inspired a class project where his students had to transform an everyday piece of furniture into a piece of art. The results were wildly varied and excitingly imaginative - far from their starting points.

Laskarin's goal is to teach students what it means to be an artist in the contemporary realm and to make them question what art is and what it can be.

<h3>Related Links</h3>

Dr. Laskarin's Faces of UVic Research video:  
<http://youtu.be/1rYtnmJAFQI>

### Dan Russek

Hispanic and Italian Studies

Phone: (250) 472-5455

E-mail: drussek@uvic.ca

Languages: Spanish and French

#### Expertise:

20th-century Latin American literature, arts, and culture, with an emphasis on Mexico and Argentina.

Literature and visual arts and media.

Aesthetics.

### Andrea Walsh

Anthropology

Phone: (250) 721-7050

E-mail: awalsh@uvic.ca

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As an artist, Dr. Walsh works in printmaking, photography and video.

### Robert Youds

Visual Arts

#### Expertise:

- light based art
- Modernist Architecture of the 20th/21st c
- Sculpture
- Painting

## WRITING

### G. Blank

Professor

English

Phone: (250) 721-7239

E-mail: gkblank@uvic.ca

#### Expertise:

- Popular culture
- Media
- News media
- English Romantic Poetry
- Critical Theory
- Writing and Composition
- Wordiness
- Close reading of poetry; explication

<h3>Expertise Profile</h3>

English literature professor Kim Blank says the Romantic poets--who wrote between 1790 and 1830--were very

## ARTS

much modern thinkers.

"Romantic thinking and expression is still very much a part of how we 'see' and 'do' the world, even though we may not be aware of it."

The Romantics dealt with issues that feel contemporary, such as human rights, ecology, and politics, and their work remains central to our cultural history. Many of our beliefs and values originated in their writings, so when we read them, we often feel that we are reading works that have continuing relevance.

Dr. Blank studies and teaches the works of William Wordsworth, John Keats, Percy Shelley, and the major Romantic poets. During the aftermath of the French Revolution in the 1790s, they wrote poetry that, in its democratic impulse, became language for and about the people. "In different ways, all were reformers." Along with his interest in poetry, he has also co-authored a well-used resource on how to interpret poetry: <http://web.uvic.ca/~engblog/closereading>.

Dr. Blank has also published textbooks and guides on the topic of writing and composition, though his online compilation of over 500 wordy phrases might be the most popular writing resource he has produced. The list includes phrases such as "appears on the surface to be" or "as a matter of fact" and provides possible replacements such as "this appears to be" or "in fact." He has published the list at <http://web.uvic.ca/~gkblank/wordiness.html>. "The world has only so much space," he says. "When you write, your job is to use that space carefully."

### <h3>Related Links</h3>

Dr. Blank's Faces of UVic Research Video:  
<https://www.youtube.com/watch?v=Gpi0m8wMShg&feature=youtu.be>

### **Maureen Bradley**

Writing

*Phone:* (250) 721-6308

*E-mail:* [bradley@uvic.ca](mailto:bradley@uvic.ca)

#### **Expertise:**

Film and Video Production  
Screenwriting  
Literary Adaptations for the Screen

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[http://www.youtube.com/watch?v=P5\\_xLQOJ6GE](http://www.youtube.com/watch?v=P5_xLQOJ6GE)

### **James Dopp**

Professor

English

*E-mail:* [jdopp@uvic.ca](mailto:jdopp@uvic.ca)

#### **Expertise:**

Canadian Literature; contemporary poetry and fiction; popular culture

### **William Gaston**

Writing

*E-mail:* [bgaston@uvic.ca](mailto:bgaston@uvic.ca)

#### **Expertise:**

Fiction, short and long forms

### **James Gifford**

English

#### **Expertise:**

My primary area of research is 20th century British and American literature, with particular emphasis on the authors Lawrence Durrell, Robert Graves, Henry Miller, Elizabeth Smart, Malcolm Lowry, and Dylan Thomas.

### **Budd Hall**

Public Administration

*Phone:* (250) 721-8062

*E-mail:* [bhall@uvic.ca](mailto:bhall@uvic.ca)

*Languages:* French, Spanish and Kiswahili

#### **Expertise:**

Participatory Research, Community-Based Research,  
Social Movement Learning  
Adult Education  
Global Civil Society  
Poetry and Social Movements

### **Iain Higgins**

Professor

English

Medieval Studies

*Phone:* (250) 721-7234

*E-mail:* [englchr@uvic.ca](mailto:englchr@uvic.ca)

#### **Expertise:**

- Medieval English, Scottish and French literature  
- Contemporary Canadian poetry  
- Medieval travel writing

#### <h3>Expertise Profile</h3>

What's the difference between a medieval romance story and Star Wars?

Dr. Iain Higgins, professor in the Department of English and the Medieval Studies Program at the University of Victoria, claims there isn't one.

Yes, the knight now drives a spaceship instead of riding a horse, but he's still on a quest to do battle and save a princess.

Dr. Higgins studies later medieval English, Scottish, and French literature, travel writing, and poetry, both medieval

and modern.

In his classes, he teaches students that connections like these are not merely coincidental. If the plot of a medieval romance is still around today, perhaps some of those assumptions about violence, heroism and gender are still in place in the 21st century too.

Dr. Higgins has a longstanding interest in a late 14th century travel book called *The Book of John Mandeville*, which was a medieval bestseller that shows how cultural assumptions help shape understanding. This fictive account of an English knight's memories of the East between Constantinople and the Earthly Paradise is based on genuine travel books and other reliable sources, including encyclopedias.

The book was so widely read that it influenced Christopher Columbus on his arrival in the Americas. To this day, the confusion we face with the term "Indian" can be traced back to the travel writing of the medieval period.

Dr. Higgins recently published a translation of *The Book of John Mandeville* accompanied not only by detailed annotation and commentary, but also by a selection of substantial excerpts from its various sources and variants. The author's changes to his sources and the changes made to his book show us how cultural understanding is shaped and reshaped over time.

By pursuing his own passion, he hopes to inspire students to do the same.

Dr. Higgins is both a poetry lover and a poetry writer - he published his first collection called *Then Again* in 2005 and is working on a second.

### <h3>Related Links</h3>

Dr. Higgins' Faces of UVic Research video:  
<http://youtu.be/iXjL90enZGk>

### **Lorna Jackson**

Writing

*Phone:* (250) 721-7312

*E-mail:* ljackson@uvic.ca

#### **Expertise:**

The theory and practice of the short story, the novel, creative nonfiction and the literature of sport.

### **Magdalena Kay**

Professor

English

*Phone:* (250) 721-7268

*E-mail:* magdakay@uvic.ca

*Languages:* Polish

#### **Expertise:**

modern and contemporary British literature, with a focus on Irish poetry; comparative literature; modern and contemporary Polish poetry; postcolonialism; poetics.

### **David Leach**

Writing

*Phone:* (250) 721-7627

*E-mail:* dleach@uvic.ca

#### **Expertise:**

- Magazine writing, editing and publishing creative non-fiction
- Literary journalism
- Humour writing
- Investigative journalism
- Adventure sports and eco-tourism
- Arts and culture journalism

#### <h3>Expertise Profile</h3>

Journalist and instructor David Leach would learn an important lesson after running away from university in his early 20s.

Communal living, as he saw it while staying on Kibbutz Shamir in Israel for nearly a year, is based on a sense of shared identity and common purpose he thought was useful for other communities to learn from.

Leach noticed that even their landscape design, with a ring road to keep cars to the periphery and house buildings on the inside, influenced the way people interacted with each other.

He's writing a book exploring how the Kibbutz movement changed over the years and what we can learn from their successes and failures. Leach wants people to have a deeper appreciation for the power of story and myth to bind communities together.

The art of the narrative is the umbilical cord that connects his research to his teaching. At UVic, Leach is the director of both the Professional Writing and Technology in Society programs.

Leach creates a sense of community in his classes and encourages his students to collaborate with different disciplines to see the world through other people's eyes. Students work in groups and role-play as magazine editors or entrepreneurs to tell their stories to their audience.

Leach's first book, "Fatal Tide: When the Race of a Lifetime Goes Wrong," is an investigative piece told as a narrative that won the Special Jury Mention at the Banff

## ARTS

International Mountain Book Festival. It reflects his wider interests in outdoor sports and the environment.

### <h3>Related Links</h3>

David Leach's Faces of UVic Research video:

<http://www.youtube.com/watch?v=CeFWPd0Lt4M>

# ATHLETICS/RECREATION

## COACHING

### Timothy Hopper

Assistant Professor  
 School of Exercise Science, Physical and Health Ed  
 Elementary Teacher Education  
 Secondary Teacher Education  
 Phone: (250) 721-8385  
 E-mail: thopper@uvic.ca

#### Expertise:

My research interests divide into three main areas:

E-portfolios and teacher education program renewal  
 Socialization in physical education teacher education  
 School Integrated Teacher Education  
 Teaching Games for Understanding

### John Meldrum

School of Exercise Science, Physical and Health Ed  
 Phone: (250) 721-8382  
 E-mail: jmeldrum@uvic.ca

#### Expertise:

Management and Marketing of sport, recreation and leisure organizations.  
 Working with seasonal and temporary employees.  
 Commitment in work and leisure settings.

## FITNESS/EXERCISE

### Catherine Gaul

School of Exercise Science, Physical and Health Ed  
 Medical Sciences  
 Phone: (250) 721-8380  
 E-mail: kgaul@uvic.ca  
 Languages: French

#### Expertise:

Exercise and Cancer  
 Pediatric Exercise Physiology  
 Occupational Work Physiology  
 Health and Physical Activity  
 Medical Education in a distributed setting

### Lara Lauzon

School of Exercise Science, Physical and Health Ed  
 Phone: (250) 721-8378  
 E-mail: llauzon@uvic.ca

#### Expertise:

Teacher Wellness  
 STEP IT UP - exploring the use of pedometers as an interactive intervention with middle school aged children.  
 Wellness Planning in Community Recreation departments in British Columbia.  
 SITE - Situated Instruction for Teacher Education - exploring group dynamics in a research team.

### Lynneth Stuart-Hill

School of Exercise Science, Physical and Health Ed  
 Phone: (250) 721-7884  
 E-mail: lstuhill@uvic.ca

#### Expertise:

Occupational physiology and health  
 Children and exercise

### E. Paul Zehr

School of Exercise Science, Physical and Health Ed  
 Biomedical Research  
 Phone: (250) 721-8379  
 E-mail: pzehr@uvic.ca  
 Languages: French, some German, Japanese, Italian and Spanish

#### Expertise:

- Neural control of human movement
- Recovery from stroke and spinal cord injuries
- Role of reflexes in coordination of limbs

#### Expertise Profile

We should give our arms more credit when it comes to walking, says Dr. E. Paul Zehr.

Dr. Zehr is a neuroscientist in the Division of Medical Sciences and School of Exercise Science, Physical and Health Education, where he studies how our arms and legs follow the commands of the brain and spinal cord during walking.

He would cement his reputation as a breakthrough scientist by discovering that our arms give our legs a helping hand when we walk.

In one study, Dr. Zehr looked at how arm and leg coordination is changed or lost after the nervous system has been damaged during stroke or a spinal cord injury. He finds that the nervous system has the capacity to change no matter what damage it has endured.

For that matter, Dr. Zehr and his graduate students at UVic applied a mostly forgotten discovery over 100 years ago where exercising the unaffected side of the body after stroke also strengthened the opposite weaker side of the body.

This surprising finding encourages people with neural injuries and mobility issues in rehabilitation to continue to exercise and eventually recover their ability to walk.

Dr. Zehr brings his passion into the classroom by using real-life stories from his research to support understanding of concepts in neuroscience and kinesiology. He also uses examples from pop culture, such as superheroes from action-based comic books, to help students explore creative ways of solving problems.

## ATHLETICS/RECREATION

<h3>Related Links</h3>

Dr. Zehr's Faces of UVic Research video:

<http://www.youtube.com/watch?v=1ig3dK-MiPs>

## SPORTS ADMINISTRATION

### **John Meldrum**

School of Exercise Science, Physical and Health Ed

*Phone:* (250) 721-8382

*E-mail:* [jmeldrum@uvic.ca](mailto:jmeldrum@uvic.ca)

***Expertise:***

Management and Marketing of sport, recreation and leisure organizations.

Working with seasonal and temporary employees.

Commitment in work and leisure settings.

## SPORTS MEDICINE/PSYCHOLOGY

### **Catherine Gaul**

School of Exercise Science, Physical and Health Ed

Medical Sciences

*Phone:* (250) 721-8380

*E-mail:* [kgaul@uvic.ca](mailto:kgaul@uvic.ca)

*Languages:* French

***Expertise:***

Exercise and Cancer

Pediatric Exercise Physiology

Occupational Work Physiology

Health and Physical Activity

Medical Education in a distributed setting

# BUSINESS/ECONOMICS

## CORPORATE SOCIAL RESPONSIBILITY/SUSTAINABILITY

### Boyd Cohen

Business

*Languages:* Spanish

#### *Expertise:*

My primary research focus is oriented towards the intersection of two distinct fields - sustainability and entrepreneurship/innovation.

### Ana Maria Peredo

Professor, Director of the Centre for Co-operative and Community-Based Economy

Business

B.C. Institute for Cooperative Studies

Anthropology

*Phone:* (250) 853-3558

*E-mail:* aperedo@uvic.ca

*Languages:* Spanish

#### *Expertise:*

- Sustainable Communities
- Community-Based Entrepreneurship
- Local Development
- Culture, Ethnicity (Indigenous Peoples) and Entrepreneurship
- Global economic impacts on local economies
- International Development
- Social Innovation
- Environmental issues and social responsibility of the business sector.
- Qualitative Methods:Self-Management and Not-for-Profit Sector

#### <h3>Expertise Profile</h3>

The global poverty rate is more than just a statistic--it's the suffering of actual people who can laugh and cry, and provide us with knowledge and wisdom that we don't always recognize.

This philosophy drives the work of business professor Ana Maria Peredo who stresses that she works "with people," not "frames to fit people in," to lessen poverty.

Dr. Peredo studies how impoverished communities, especially indigenous communities, can improve their economy through grassroots and alternative business models that use the resources they already have, including their cultural traditions and values.

"Most business models look at profit maximization. I am not interested in this. I look at emerging models that improve the social, the cultural, the political, the economic life of the people. This is business for the well-being of the people and their communities."

Dr. Peredo does not want to enter communities and impose an economic or mainstream business models, as

people have historically done as a way to assimilation. Instead, she wants to aid them in nurturing their own emerging models.

Cultures can have different economic systems and business models. Dr. Peredo believes that, in many cultures, communities as well as individuals can develop businesses. She says, "This kind of entrepreneurship springs from the community itself and benefits everyone in the community. It draws on local history and culture to produce increased well-being for the whole group. Entrepreneurship takes on a whole new meaning in that context."

This is something she learned while working among Indigenous groups as a journalist and Anthropologist in Peru and Bolivia. "I found the richness of their culture, the richness of their lives impressive. The western world needs a broader understanding of value: beyond the market place. Indigenous peoples have the right to have their own development path," she explains.

#### <h3>Related Links</h3>

Dr. Peredo's Faces of UVic Research video:

<http://www.youtube.com/watch?v=xCqp9gVAJKQ>

## E-COMMERCE

### Rebecca Grant

Business

*E-mail:* rgrant@uvic.ca

#### *Expertise:*

- Corporate Value of E-Learning
- E-Commerce Implementation

### Kin Li

Associate Professor, Computer Engineering Program Director

Electrical and Computer Engineering

*Phone:* (250) 721-8683

*E-mail:* kinli@uvic.ca

*Languages:* Cantonese, Mandarin, and some French

#### *Expertise:*

- Intelligent Systems;
- Data and Web Mining;
- Computer Systems;
- Computer Architecture

#### <h3>Degrees</h3>

- B.Eng. (Concordia), MBA (U. of Vic.), Ph.D. (Concordia)
- P.Eng.

## Hans Muller

Professor, Associate Dean of Research, PEng  
Computer Science

Phone: (250) 472-5719

E-mail: hausi@uvic.ca

Languages: German and Swiss German

### Expertise:

Hausi A. Müller is a Professor in the Department of Computer Science and Associate Dean of Research in the Faculty of Engineering at University of Victoria, Canada. He is Chair of the IEEE Computer Society Technical Council on Software Engineering (TCSE). His research interests include software engineering, software evolution, smarter commerce, self-adaptive and self-managing systems, situation-aware systems, context-aware systems, service-oriented systems, reverse engineering, software reengineering, program understanding, and visualization.

He is a principal investigator in the NSERC Strategic Research Network for Smart Applications on Virtual Infrastructure (SAVI). The main research goal of the SAVI Network is to address the design of future applications platforms built on a flexible, versatile and evolvable infrastructure that can readily deploy, maintain, and retire the large-scale, possibly short-lived, distributed applications that will be typical in the future applications marketplace. The SAVI partnership involves investigators from nine Canadian universities and 13 companies bringing together expertise in networking, cloud computing, applications, and business.

In 2011 Dr. Müller's research team won the IBM Canada CAS Research Project of the Year Award. In 2006 he received the IBM CAS Faculty Fellow of the Year Award, the CSER Outstanding Leadership Award, and a Stevens Citation for his many contributions to the software reverse engineering community. He was the founding Director of BSEng, a CEAB accredited Bachelor of Software Engineering degree program in the Faculty of Engineering. He serves on the Editorial Board of Software Maintenance and Evolution and Software Process: Improvement and Practice (JSME). He served on the Editorial Board of IEEE Transactions on Software Engineering (TSE).

<h3>Degrees</h3>

PhD, Computer Science, Rice University, USA  
MSc, Computer Science, Rice University, USA  
Dipl. El. Ing., Electrical Engineering, Swiss Federal Institute of Technology (ETH Zurich), Switzerland  
PEng, APEGBC, British Columbia, Canada

<h3>Related Links</h3>

Dr Muller's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=fxd297SVVr0>

## ECONOMICS

### Ali Dastmalchian

Business

Phone: (250) 472-4614

E-mail: dastmal@uvic.ca

Languages: Farsi/Persian

### Expertise:

Organizational Design and Flexibility, Work-Life Balance  
Organizational Climate, Management of Change,  
Organizational Power and Politics, Executive Leadership,  
and Cross-Cultural Management Theory  
Organizational Issues in Health Care Industry

### Daniel Rondeau

Dr.

Economics

Phone: (250) 472-4423

E-mail: rondeau@uvic.ca

Languages: French

### Expertise:

My principal areas of research interest are environmental, natural resource and public economics.

I have a special interest for economic issues inherent to the existence and management of controversial wildlife species. I am currently working on the compensation of ranchers and peasants in developing countries for the damage they sustain from predators (e.g. leopards) and large herbivores (e.g. elephants). I have also published on the reintroduction of predators and culling of deer in urban settings.

I am also interested in the unresolved questions regarding the voluntary funding and valuation of public goods, including the effect of altruism on voting for public programs.

### Stephen Ross

Associate Professor

English

Phone: (250) 721-7237

E-mail: saross@uvic.ca

Languages: French

### Expertise:

- Modernism
- The novel
- Modern British literature
- Literary and critical theory
- Psychoanalysis
- Marxism
- Globalisation

<h3>Expertise Profile</h3>

Dr. Stephen Ross is pushing modernist studies out in new directions.

He is a founding co-director of the Modernist Versions Project (MVP), which is based in the Maker Lab at the University of Victoria.



The MVP aims to spark an interest in differing versions of the same text by making available multiple online versions of early 20th-century literary novels and other texts. From the MVP website these can be studied, searched, and compared.

This unique method of analyzing literature makes it possible to find variations that would be almost impossible to find without a computer.

With different versions of, for example, James Joyce's Ulysses, Dr. Ross can make connections between when a version was published and the kinds of cultural changes that were happening at that time.

Modernism itself closely mirrors cultural change, as it is characterized by experimentation and a self-conscious break with traditional styles.

Dr. Ross is currently serving as general editor of the Routledge Encyclopedia of Modernism online. It will feature entries on all aspects of modernism across the arts, across time, and around the world.

Still a work-in-progress, the encyclopedia will let you sort, organize and discover information in new and exciting ways.

Dr. Ross teaches in the Department of English and in the Interdisciplinary Program in Cultural, Social and Political Thought. He also gives a community lecture on the English ghost story.

He finds teaching and public speaking to be excellent ways of bringing his work directly to the public, showing them where it's going and why it's important.

### **Herbert Schuetze**

Economics

*Phone:* (250) 721-8541

*E-mail:* hschuetz@uvic.ca

#### **Expertise:**

My primary areas of research interest are labour economics, public economics and micro econometrics. In particular, my research to this point has focused on issues linked to self-employment. The topics I have examined include: taxes and economic conditions as possible determinants of the recent rise in self-employment, the dynamics of self-employment and male-female differences, the degree of income tax non-compliance by the self-employed and the labour market impacts of short spells in self-employment.

### **Paul Schure**

Economics

*E-mail:* schure@uvic.ca

*Languages:* Fluent: Dutch, German and Italian; some French

#### **Expertise:**

Microeconomics  
Industrial Organization  
Firm Behaviour  
Financial Intermediation  
Banking  
Venture Capital

### **Lindsay Tedds**

Public Administration

Economics

*Phone:* (250) 721-8068

*E-mail:* ltedds@uvic.ca

#### **Expertise:**

Applied microeconometrics; applied econometrics; applied public economics; economics of taxation; tax non-compliance; evasion; avoidance; underground economy; time use.

### **Rebecca Warburton**

Assistant Professor

Public Administration

*Phone:* (250) 721-8066

*E-mail:* rnwarbur@uvic.ca

*Languages:* French

#### **Expertise:**

I'm a health economist interested in evidence-based policy and practice. Specific interests include patient safety, low-income populations, health technology assessment, and research using administrative data.

## **ENTREPRENEURSHIP**

### **Boyd Cohen**

Business

*Languages:* Spanish

#### **Expertise:**

My primary research focus is oriented towards the intersection of two distinct fields - sustainability and entrepreneurship/innovation.

### **Stephen Neville**

Associate Professor

Electrical and Computer Engineering

*Phone:* (250) 721-6017

*E-mail:* sneville@ece.uvic.ca

#### **Expertise:**

- Cyber-security and cyber-privacy
- Large-scale information systems
- Data Science and Big Data
- Industry applied research collaborations

<h3>Expertise Profile</h3>

Reliable, safe and secure -- that's what we expect from our information technology systems. Yet every day we hear

## BUSINESS/ECONOMICS

stories of system outages, cyber-attacks and privacy breaches.

Dr. Stephen W. Neville is the founding director of the Centre for Advanced Security, Privacy and Information Systems Research (ASPIRe Centre) at the University of Victoria and he aims to change that.

Dr. Neville's research focuses on the engineering of larger-scale software systems and, particularly, understanding and mitigating their resulting cyber-security and cyber-privacy challenges.

In his own Information Security and Privacy Research (InSPiRe) Lab, Dr. Neville analyzes data from industry and government systems and converts that data to knowledge, whether it's simply a better theoretical understanding of how a system works or new ways of engineering a better one.

Modern societies depend on these large-scale information systems in everything from social networking to the higher profile sectors of health care, banking, and critical infrastructure systems.

Real world problems faced by industries and governments inform Dr. Neville's work, including issues of security, privacy, reliability, availability and scalability. As such, much of his work involves collaborations with industry.

In concert with Dr. Thomas E. Darcie, Dr. Neville co-supervises and advises student teams within UVic's recently established Entrepreneurial Engineering Masters Project (EEMP) conducted in partnership with the Alacrity Foundation.

EEMP students work with well-established industry leaders to create companies which they will partially own. Dr. Neville's industry experience and applied research focus make him an excellent adviser for the program.

Dr. Neville is a founding member of the Natural Sciences and Engineering Research Council's (NSERC) national cyber-security focused strategic network -- the Interconnected Systems Security Network (ISSNet).

### <h3>Related Links</h3>

InSPiRe research lab: <http://www.inspire.ece.uvic.ca/>

## Ana Maria Peredo

Professor, Director of the Centre for Co-operative and Community-Based Economy  
Business

B.C. Institute for Cooperative Studies

Anthropology

Phone: (250) 853-3558

E-mail: [aperedo@uvic.ca](mailto:aperedo@uvic.ca)

Languages: Spanish

### Expertise:

- Sustainable Communities
- Community-Based Entrepreneurship
- Local Development
- Culture, Ethnicity (Indigenous Peoples) and Entrepreneurship
- Global economic impacts on local economies
- International Development
- Social Innovation
- Environmental issues and social responsibility of the business sector.
- Qualitative Methods: Self-Management and Not-for-Profit Sector

### <h3>Expertise Profile</h3>

The global poverty rate is more than just a statistic--it's the suffering of actual people who can laugh and cry, and provide us with knowledge and wisdom that we don't always recognize.

This philosophy drives the work of business professor Ana Maria Peredo who stresses that she works "with people," not "frames to fit people in," to lessen poverty.

Dr. Peredo studies how impoverished communities, especially indigenous communities, can improve their economy through grassroots and alternative business models that use the resources they already have, including their cultural traditions and values.

"Most business models look at profit maximization. I am not interested in this. I look at emerging models that improve the social, the cultural, the political, the economic life of the people. This is business for the well-being of the people and their communities."

Dr. Peredo does not want to enter communities and impose an economic or mainstream business models, as people have historically done as a way to assimilation. Instead, she wants to aid them in nurturing their own emerging models.

Cultures can have different economic systems and business models. Dr. Peredo believes that, in many cultures, communities as well as individuals can develop businesses. She says, "This kind of entrepreneurship springs from the community itself and benefits everyone in the community. It draws on local history and culture to produce increased well-being for the whole group. Entrepreneurship takes on a whole new meaning in that context."

This is something she learned while working among Indigenous groups as a journalist and Anthropologist in Peru and Bolivia. "I found the richness of their culture, the richness of their lives impressive. The western world needs a broader understanding of value: beyond the market place. Indigenous peoples have the right to have their own development path," she explains.

### Related Links

Dr. Peredo's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=xCqp9gVAJKQ>

## Daromir Rudnyckyj

Associate Professor

Anthropology

Studies in Religion and Society

Global Studies

Phone: (250) 721-6273

E-mail: [daromir@uvic.ca](mailto:daromir@uvic.ca)

Languages: Indonesian, Malay, Dutch

### Expertise:

- Economic development and Islam in Southeast Asia
- Islamic finance and alternative forms of capitalism
- Religious and spiritual reform
- Transnational labour migration

### Expertise Profile

What gratifies Dr. Daromir Rudnyckyj the most when he teaches and conducts research on development and social change in Southeast Asia is the opportunity to shift perspectives.

He's an expert on two countries in particular, Indonesia and Malaysia. Indonesia is the world's largest Muslim country and Malaysia is a global leader in the Muslim world in pursuing a model of moderate Islam conducive to economic growth.

Dr. Rudnyckyj says both countries are important in understanding how Muslims are trying to merge their religious practices with the demands of modern economic development.

His first book, "Spiritual Economies: Islam, Globalization and the Afterlife of Development," which examined how Muslims in Southeast Asia were devising a form of Islam conducive to globalization, earned a prize from the American Ethnological Society, North America's oldest professional association of anthropologists.

Dr. Rudnyckyj examined how Islamic practices were reinterpreted to be compatible with tips found in corporate motivational training programs and self-help books such as the "Seven Habits of Highly Effective People." Leaders of this movement argued that the Muslim prophet Muhammad was an ideal CEO and that required Islamic practices such as giving to charity were in fact directives to look for "synergy" and "win-win solutions."

Dr. Rudnyckyj challenged the common contention that religion in general, and Islam in particular, are resistant to change.

Currently, Dr. Rudnyckyj is documenting the innovative steps Malaysia is taking to create an "Islamic Wall Street" in Kuala Lumpur. Because Islam forbids the collection or payment of interest, experts are finding ways for Muslims to conduct business while actively engaging with an increasingly globalized world. One of the questions he is pursuing is whether Islamic finance offers lessons for North American and European countries in wake of the ongoing financial crises that have swept these regions in recent years.

In his classes and lectures, Dr. Rudnyckyj's work is challenging the misconceptions that people have about Southeast Asian countries and Islam. He enjoys seeing students learn to appreciate and understand the cultural diversity that characterizes each Asian country and the rapid social, economic, and cultural changes that are taking place in the region.

### Related Links

Dr. Rudnyckyj's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=Mh9Js\\_a4Jqg](http://www.youtube.com/watch?v=Mh9Js_a4Jqg)

Dr. Rudnyckyj's website:

<http://web.uvic.ca/pacificasia/faculty/Rudnyckyj.php>

## Herbert Schuetze

Economics

Phone: (250) 721-8541

E-mail: [hschuetz@uvic.ca](mailto:hschuetz@uvic.ca)

### Expertise:

My primary areas of research interest are labour economics, public economics and micro econometrics. In particular, my research to this point has focused on issues linked to self-employment. The topics I have examined include: taxes and economic conditions as possible determinants of the recent rise in self-employment, the dynamics of self-employment and male-female differences, the degree of income tax non-compliance by the self-employed and the labour market impacts of short spells in self-employment.

## Paul Schure

Economics

E-mail: [schure@uvic.ca](mailto:schure@uvic.ca)

Languages: Fluent: Dutch, German and Italian; some French

### Expertise:

Microeconomics  
 Industrial Organization  
 Firm Behaviour  
 Financial Intermediation  
 Banking  
 Venture Capital

## BUSINESS/ECONOMICS

### **Lynne Siemens**

Assistant Professor  
Business  
Public Administration  
Phone: (250) 721-8069  
E-mail: [siemensl@uvic.ca](mailto:siemensl@uvic.ca)

#### **Expertise:**

- Entrepreneurship and small business
- Rural economic development
- Government and business relations
- Organizational and management development in academic research teams

#### <h3>Expertise Profile</h3>

Dr. Lynne Siemens is working to help others work better - from small businesses to academia.

Building from her doctoral work, one branch of Dr. Siemens' research is focused on entrepreneurship and small business issues on Vancouver Island.

She examines how the island's rural and remote enterprises overcome the challenges they face by virtue of their location outside urban areas.

Dr. Siemens travels to many remote communities to conduct interviews. She hopes to help small business owners better understand their strengths and weaknesses. This knowledge will also help government and business support organizations develop policies and programs that are in tune with these owners' contexts.

Despite an increasing use of teams in academia, Dr. Siemens has found that protocols to prepare individual researchers to work as part of a team are not widely developed.

Serving as management advisor, she is part of the Implementing New Knowledge Environments (INKE) project, a large scale, long-term digital humanities project studying the future of reading in a digital age. Dr. Siemens studies how the team collaborates and what support can be given to help them work better and more efficiently together.

Dr. Siemens is an instructor in the Master's of Public Administration program and the new Master's of Arts in Community Development program. She supports students who are already a part of the workforce apply the theories and frameworks learned in her classroom back into their work lives.

#### <h3>Related Links</h3>

Dr. Siemens' website: <http://lynnesiemens.wordpress.com/>

### **J. Brock Smith**

Professor  
Business  
Phone: (250) 721-6070  
E-mail: [smithb@uvic.ca](mailto:smithb@uvic.ca)

#### **Expertise:**

- Marketing strategy and marketing research
- New venture marketing
- Entrepreneurial cognition
- Customer value creation strategies
- Tourism

#### <h3>Expertise Profile</h3>

Entrepreneurs are made, not born, says business professor Brock Smith.

Dr. Smith, whose speciality is entrepreneurship, says almost anyone can learn to be an expert entrepreneur.

"Success in entrepreneurship is primarily about what you know, what you do with that information, and how you identify and realize opportunity," he says.

Dr. Smith is particularly interested in what these innovators know and do differently than non-experts, novice entrepreneurs and other business professionals. His research at the Gustavson School of Business, ultimately, is to help entrepreneurs do it better.

Whether it's helping aspiring entrepreneurs - his students - to create new businesses or to be entrepreneurial within an existing organization, Dr. Smith embeds new value creation into their learning. Students are taught how to run their businesses sustainably, taking into account the economic, social and environmental impacts of their trade.

When teaching, Dr. Smith debunks the myth that entrepreneurship is risky and difficult. It is a matter of understanding and mitigating the risks. The mindset and expertise needed to start a new business is the same mindset needed to enact change in government, social initiatives, profit and not-for-profit organizations, he says. It's all about identifying ways to create new value.

"Entrepreneurs are the people who generate 80 per cent of new jobs in our economy," he adds.

Dr. Smith also conducts research on marketing strategy, and he helps local organizations quantify their economic impact on the region.

#### <h3>Related Links </h3>

Dr. Smith's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=Xsafx6-lm\\_c](http://www.youtube.com/watch?v=Xsafx6-lm_c)

Dr. Smith's departmental website:  
<http://www.uvic.ca/gustavson/faculty/faculty/faculty/current/smithj.php>

**FINANCE****Paul Schure**

Economics

*E-mail:* schure@uvic.ca*Languages:* Fluent: Dutch, German and Italian; some French**Expertise:**

Microeconomics  
 Industrial Organization  
 Firm Behaviour  
 Financial Intermediation  
 Banking  
 Venture Capital

**HOSPITALITY/TOURISM****Mark Colgate**

Business

*Phone:* (250) 508-1870*E-mail:* colgate@uvic.ca**Expertise:**

Service Management  
 Financial Services Marketing

**J. Brock Smith**

Professor

Business

*Phone:* (250) 721-6070*E-mail:* smithb@uvic.ca**Expertise:**

- Marketing strategy and marketing research
- New venture marketing
- Entrepreneurial cognition
- Customer value creation strategies
- Tourism

**Expertise Profile**

Entrepreneurs are made, not born, says business professor Brock Smith.

Dr. Smith, whose speciality is entrepreneurship, says almost anyone can learn to be an expert entrepreneur.

"Success in entrepreneurship is primarily about what you know, what you do with that information, and how you identify and realize opportunity," he says.

Dr. Smith is particularly interested in what these innovators know and do differently than non-experts, novice entrepreneurs and other business professionals. His research at the Gustavson School of Business, ultimately, is to help entrepreneurs do it better.

Whether it's helping aspiring entrepreneurs - his students - to create new businesses or to be entrepreneurial within an existing organization, Dr. Smith embeds new value creation into their learning. Students are taught how to run their businesses sustainably, taking into account the economic, social and environmental impacts of their trade.

When teaching, Dr. Smith debunks the myth that entrepreneurship is risky and difficult. It is a matter of understanding and mitigating the risks. The mindset and expertise needed to start a new business is the same mindset needed to enact change in government, social initiatives, profit and not-for-profit organizations, he says. It's all about identifying ways to create new value.

"Entrepreneurs are the people who generate 80 per cent of new jobs in our economy," he adds.

Dr. Smith also conducts research on marketing strategy, and he helps local organizations quantify their economic impact on the region.

**Related Links**

Dr. Smith's Faces of UVic Research video:

[http://www.youtube.com/watch?v=Xsafx6-lm\\_c](http://www.youtube.com/watch?v=Xsafx6-lm_c)

Dr. Smith's departmental website:

<http://www.uvic.ca/gustavson/faculty/faculty/faculty/current/smithj.php>

**Stephen Tax**

Business

*Phone:* (250) 721-6417*E-mail:* stax@uvic.ca**Expertise:**

Service Failure and Recovery  
 Service Design  
 Customer Satisfaction

**Related Links**

Dr. Tax's Faces of UVic Research video:

<http://www.youtube.com/watch?v=6LiJNNgszyI>

**INTERNATIONAL BUSINESS****Ali Dastmalchian**

Business

*Phone:* (250) 472-4614*E-mail:* dastmal@uvic.ca*Languages:* Farsi/Persian**Expertise:**

Organizational Design and Flexibility, Work-Life Balance  
 Organizational Climate, Management of Change,  
 Organizational Power and Politics, Executive Leadership,  
 and Cross-Cultural Management Theory  
 Organizational Issues in Health Care Industry

## BUSINESS/ECONOMICS

### **Saul Klein**

Business

*Phone:* (250) 721-6420

*E-mail:* sklein@uvic.ca

*Languages:* Hebrew

**Expertise:**

Global competitiveness  
International strategic alliances  
Globalization  
Emerging markets

### **Terence Mughan**

Associate Professor

Business

*Languages:* French, German

**Expertise:**

-Cross-cultural competence in International business  
-SMEs in international business  
-The impact of new forms of open, collaborative, and user-led innovation on business growth

**Expertise Profile**

Apple and Microsoft may seem to rule the world, but there are many, much smaller companies on our doorsteps.

"Small and medium-sized businesses make up 99 per cent of all companies in developed economies, and they're responsible for an increasing amount of employment," says business professor Terry Mughan.

Using his background researching foreign languages and cultures, Dr. Mughan aids small and medium-sized companies as they enter new markets or become international exporters. He helps them understand foreign language and diverse cultures. "Depending on where you're from, colours, numbers and words can mean different things," he explains. "Companies have to understand these differences before they enter a new market. Otherwise, they stand to lose a significant part of their investment, and possibly more."

Dr. Mughan was recently involved in a project that helped small and medium-sized companies get an assistive technology--one that allows people who cannot reach a doctor perform medical tests, such as blood pressure tests--into the market. The project ran in the UK, France, the Netherlands and Belgium.

"Our job was to help those companies penetrate the market and get some revenues going, and it was a very successful project. It was good to see something being done that was about helping people." Companies marketed to the disabled, the elderly, and those living in rural areas.

### **Sanghoon Nam**

Business

*Phone:* (250) 721-6402

*E-mail:* snam@uvic.ca

*Languages:* Korean

**Expertise:**

Cross-Cultural (International) Management  
Expatriate and Repatriate Management  
Korean Chaebol (Conglomerates)  
International Human Resource Management

### **Andrew Newcombe**

Faculty of Law

*Phone:* (250) 721-8161

*E-mail:* newcombe@uvic.ca

*Languages:* French

**Expertise:**

International trade and investment law  
International arbitration  
Commercial law

### **Ana Maria Peredo**

Professor, Director of the Centre for Co-operative and Community-Based Economy

Business

B.C. Institute for Cooperative Studies

Anthropology

*Phone:* (250) 853-3558

*E-mail:* aperedo@uvic.ca

*Languages:* Spanish

**Expertise:**

-Sustainable Communities  
-Community-Based Entrepreneurship  
-Local Development  
-Culture, Ethnicity (Indigenous Peoples) and Entrepreneurship  
-Global economic impacts on local economies  
-International Development  
-Social Innovation  
-Environmental issues and social responsibility of the business sector.  
-Qualitative Methods:Self-Management and Not-for-Profit Sector

**Expertise Profile**

The global poverty rate is more than just a statistic--it's the suffering of actual people who can laugh and cry, and provide us with knowledge and wisdom that we don't always recognize.

This philosophy drives the work of business professor Ana Maria Peredo who stresses that she works "with people," not "frames to fit people in," to lessen poverty.

Dr. Peredo studies how impoverished communities, especially indigenous communities, can improve their economy through grassroots and alternative business models that use the resources they already have, including their cultural traditions and values.

"Most business models look at profit maximization. I am not interested in this. I look at emerging models that improve the social, the cultural, the political, the economic life of the people. This is business for the well-being of the people and their communities."

Dr. Peredo does not want to enter communities and impose an economic or mainstream business models, as people have historically done as a way to assimilation. Instead, she wants to aid them in nurturing their own emerging models.

Cultures can have different economic systems and business models. Dr. Peredo believes that, in many cultures, communities as well as individuals can develop businesses. She says, "This kind of entrepreneurship springs from the community itself and benefits everyone in the community. It draws on local history and culture to produce increased well-being for the whole group. Entrepreneurship takes on a whole new meaning in that context."

This is something she learned while working among Indigenous groups as a journalist and Anthropologist in Peru and Bolivia. "I found the richness of their culture, the richness of their lives impressive. The western world needs a broader understanding of value: beyond the market place. Indigenous peoples have the right to have their own development path," she explains.

### <h3>Related Links</h3>

Dr. Peredo's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=xCqp9gVAJKQ>

## MANAGEMENT AND LEADERSHIP

### Ali Dastmalchian

Business

Phone: (250) 472-4614

E-mail: [dastmal@uvic.ca](mailto:dastmal@uvic.ca)

Languages: Farsi/Persian

#### Expertise:

Organizational Design and Flexibility, Work-Life Balance  
 Organizational Climate, Management of Change,  
 Organizational Power and Politics, Executive Leadership,  
 and Cross-Cultural Management Theory  
 Organizational Issues in Health Care Industry

### A Elangovan

Professor

Business

Phone: (250) 721-6405

E-mail: [arelango@uvic.ca](mailto:arelango@uvic.ca)

Languages: Tamil

#### Expertise:

- Conflict management in organizations (negotiations, managers intervening as third-parties in disputes between subordinates)
- Building/erosion of trust in organizations
- Leadership competencies
- Motivation (Callings)

### <h3>Expertise Profile</h3>

Dr. A.R. Elangovan, or "Elango" to those who know him, believes everybody deserves a chance to find meaning in their work.

Seven years ago, Dr. Elangovan started a new stream of scholarship on the topic of callings. His research guides people to find meaning in their work lives by finding their own true calling.

He has found that teaching is a wonderful fit for his own calling: to help others live a fulfilled life.

In both MBA and undergraduate classrooms, Dr. Elangovan sees his students as co-producers of knowledge; he is but a catalyst to their growth and progress.

Since he became director of international programs, the number of business students participating in student exchanges has risen from 33 per cent to 73 per cent.

Along with teaching at the university, Dr. Elangovan is also very active in providing executive and management development training for private and public sector organizations in Canada and Asia.

In 2012, Dr. Elangovan was recognized with Canada's most prestigious teaching award--the 3M National Teaching Fellowship.

Dr. Elangovan's other research and teaching interests are in the areas of leadership, organizational analysis, trust, conflict management and negotiations. All these interests have the dual goal of making organizations more effective while also boosting the well-being of employees and consumers alike.

### <h3>Related Links</h3>

Dr. Elangovan's Faces of UVic Research video  
<http://www.youtube.com/watch?v=M3Bpz6TjakY>

### Saul Klein

Business

Phone: (250) 721-6420

E-mail: [sklein@uvic.ca](mailto:sklein@uvic.ca)

Languages: Hebrew

#### Expertise:

Global competitiveness  
 International strategic alliances  
 Globalization  
 Emerging markets

## BUSINESS/ECONOMICS

### **Evert Lindquist**

Public Administration  
Phone: (250) 721-8416  
E-mail: evert@uvic.ca

#### **Expertise:**

Public sector reform  
Structure and organization of government  
Impact of think tanks and research on policy-making  
Capabilities of government.

### **Richard Marcy**

Dr.  
Public Administration  
E-mail: rtmarcy@uvic.ca  
Languages: German (Basic)

#### **Expertise:**

Management and Leadership Development, to include strategic management and leadership, with a special focus on the public sector. Specific areas of research include the role of scanning and foresight in leadership (particularly in social innovation and crisis management) and the development of frameworks for management and leadership development.

### **John Meldrum**

School of Exercise Science, Physical and Health Ed  
Phone: (250) 721-8382  
E-mail: jmeldrum@uvic.ca

#### **Expertise:**

Management and Marketing of sport, recreation and leisure organizations.  
Working with seasonal and temporary employees.  
Commitment in work and leisure settings.

### **Terence Mughan**

Associate Professor  
Business  
Languages: French, German

#### **Expertise:**

-Cross-cultural competence in International business  
-SMEs in international business  
-The impact of new forms of open, collaborative, and user-led innovation on business growth  
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different things," he explains. "Companies have to understand these differences before they enter a new market. Otherwise, they stand to lose a significant part of their investment, and possibly more."

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"Our job was to help those companies penetrate the market and get some revenues going, and it was a very successful project. It was good to see something being done that was about helping people." Companies marketed to the disabled, the elderly, and those living in rural areas.

### **Sanghoon Nam**

Business  
Phone: (250) 721-6402  
E-mail: snam@uvic.ca  
Languages: Korean

#### **Expertise:**

Cross-Cultural (International) Management  
Expatriate and Repatriate Management  
Korean Chaebol (Conglomerates)  
International Human Resource Management

### **Lynne Siemens**

Assistant Professor  
Business  
Public Administration  
Phone: (250) 721-8069  
E-mail: siemensl@uvic.ca

#### **Expertise:**

- Entrepreneurship and small business  
- Rural economic development  
- Government and business relations  
- Organizational and management development in academic research teams  
<h3>Expertise Profile</h3>

Dr. Lynne Siemens is working to help others work better - from small businesses to academia.

Building from her doctoral work, one branch of Dr. Siemens' research is focused on entrepreneurship and small business issues on Vancouver Island.

She examines how the island's rural and remote enterprises overcome the challenges they face by virtue of their location outside urban areas.

Dr. Siemens travels to many remote communities to conduct interviews. She hopes to help small business owners better understand their strengths and weaknesses. This knowledge will also help government and business support organizations develop policies and programs that are in tune with these owners' contexts.



Despite an increasing use of teams in academia, Dr. Siemens has found that protocols to prepare individual researchers to work as part of a team are not widely developed.

Serving as management advisor, she is part of the Implementing New Knowledge Environments (INKE) project, a large scale, long-term digital humanities project studying the future of reading in a digital age. Dr. Siemens studies how the team collaborates and what support can be given to help them work better and more efficiently together.

Dr. Siemens is an instructor in the Master's of Public Administration program and the new Master's of Arts in Community Development program. She supports students who are already a part of the workforce apply the theories and frameworks learned in her classroom back into their work lives.

<h3>Related Links</h3>

Dr. Siemens' website: <http://lynnesiemens.wordpress.com/>

## MARKETING

### Mark Colgate

Business

Phone: (250) 508-1870

E-mail: [colgate@uvic.ca](mailto:colgate@uvic.ca)

**Expertise:**

Service Management  
Financial Services Marketing

### Saul Klein

Business

Phone: (250) 721-6420

E-mail: [sklein@uvic.ca](mailto:sklein@uvic.ca)

Languages: Hebrew

**Expertise:**

Global competitiveness  
International strategic alliances  
Globalization  
Emerging markets

### J. Brock Smith

Professor

Business

Phone: (250) 721-6070

E-mail: [smithb@uvic.ca](mailto:smithb@uvic.ca)

**Expertise:**

- Marketing strategy and marketing research
- New venture marketing
- Entrepreneurial cognition
- Customer value creation strategies
- Tourism

<h3>Expertise Profile</h3>

Entrepreneurs are made, not born, says business professor

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Dr. Smith, whose speciality is entrepreneurship, says almost anyone can learn to be an expert entrepreneur.

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"Entrepreneurs are the people who generate 80 per cent of new jobs in our economy," he adds.

Dr. Smith also conducts research on marketing strategy, and he helps local organizations quantify their economic impact on the region.

<h3>Related Links </h3>

Dr. Smith's Faces of UVic Research video:

[http://www.youtube.com/watch?v=Xsafx6-lm\\_c](http://www.youtube.com/watch?v=Xsafx6-lm_c)

Dr. Smith's departmental website:

<http://www.uvic.ca/gustavson/faculty/faculty/faculty/current/smithj.php>

### Stephen Tax

Business

Phone: (250) 721-6417

E-mail: [stax@uvic.ca](mailto:stax@uvic.ca)

**Expertise:**

Service Failure and Recovery  
Service Design  
Customer Satisfaction

<h3>Related Links</h3> Dr. Tax's Faces of UVic Research video:

<http://www.youtube.com/watch?v=6LiJNNgszyI>

**SERVICE MANAGEMENT**

**Mark Colgate**

Business

*Phone:* (250) 508-1870

*E-mail:* colgate@uvic.ca

***Expertise:***

Service Management

Financial Services Marketing

**John Meldrum**

School of Exercise Science, Physical and Health Ed

*Phone:* (250) 721-8382

*E-mail:* jmeldrum@uvic.ca

***Expertise:***

Management and Marketing of sport, recreation and leisure organizations.

Working with seasonal and temporary employees.

Commitment in work and leisure settings.

**Stephen Tax**

Business

*Phone:* (250) 721-6417

*E-mail:* stax@uvic.ca

***Expertise:***

Service Failure and Recovery

Service Design

Customer Satisfaction

**Related Links** Dr. Tax's Faces of UVic

Research video:

<http://www.youtube.com/watch?v=6LiJNNgszyI>

# EDUCATION

## ABORIGINAL EDUCATION

### Budd Hall

Public Administration

Phone: (250) 721-8062

E-mail: bhall@uvic.ca

Languages: French, Spanish and Kiswahili

#### Expertise:

Participatory Research, Community-Based Research,  
Social Movement Learning  
Adult Education  
Global Civil Society  
Poetry and Social Movements

### Jason Price

Curriculum and Instruction

Phone: (250) 721-7830

E-mail: jasonp@uvic.ca

#### Expertise:

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

### Helen Raptis

Associate Professor

Curriculum and Instruction

Phone: (250) 472-5076

E-mail: hraptis@uvic.ca

Languages: French, Spanish and Greek

#### Expertise:

- Intersection of government policy and minority learners
- Social and historical foundations of education in British Columbia
- Multicultural and anti-racist education
- School effectiveness and school improvement
- Examination of two generations of Tsimshian learners (from the Terrace region) to understand how government policies of segregation and integration shaped their schooling and their adulthood.

#### Expertise Profile

Residential schools represent part of the story in understanding education and Indigenous communities, says Dr. Helen Raptis.

The professor in Curriculum and Instruction studies the history of education, specifically the intersection of minority learners and formal education systems.

Looking at the period from 1900-1969, Dr. Raptis has determined that more Indigenous students attended on-reserve day schools than residential schools.

She is contributing to a fuller story on Indigenous communities by examining how Aboriginal children

transitioned from Aboriginal day schools to public schools.

In a recent project, Dr. Raptis collected narratives from two generations of Tsimshian learners to see how government policies of segregation and integration impacted their schooling and transition to adulthood.

Her findings enabled both the elders and their offspring to know more about each other and their own communities. It also showed that day schools were less benign than historians have previously thought.

Understanding the history of education can help us avoid the pitfalls of the past and enable learners of all genders, race, and culture to succeed at school, she says. Her research may even help us understand why the high school graduation rate for Aboriginal students is around 60 per cent.

Dr. Raptis's background in government consulting and teaching prior to becoming a professor gives her a multi-faceted approach to delivering classes.

In addition to her work with Indigenous communities, Dr. Raptis is also working on an interactive website, The Educational Heritage Museum, to enhance the learning and teaching of education history. The project is a partnership with Lower Vancouver Island Retired Teachers and UVic's Faculty of Education.

#### Related Links

Dr. Raptis' Faces of UVic Research video:  
[http://www.youtube.com/watch?v=tWMf2n\\_LvPQ](http://www.youtube.com/watch?v=tWMf2n_LvPQ)

The Education Heritage Museum website:  
[www.educationheritage.ca](http://www.educationheritage.ca)

## ADULT AND LIFELONG LEARNING

### Budd Hall

Public Administration

Phone: (250) 721-8062

E-mail: bhall@uvic.ca

Languages: French, Spanish and Kiswahili

#### Expertise:

Participatory Research, Community-Based Research,  
Social Movement Learning  
Adult Education  
Global Civil Society  
Poetry and Social Movements

## EDUCATION

### **Valerie Irvine**

Assistant Professor  
Curriculum and Instruction  
Educational Psychology & Leadership Studies  
*Phone:* (250) 721-7778  
*E-mail:* [virvine@uvic.ca](mailto:virvine@uvic.ca)

#### **Expertise:**

- Educational technology
- Multi-access learning
- 21st-century learning/innovation in learning designs
- Integration and evaluation of technology and media in education
- Distributed e-learning models
- Connected learning via social media
- Theories of technology adoption
- Educational change
- Personalized learning
- Online learning community development

#### **Expertise Profile**

How often do we hear about students graduating from a program without the skills necessary for the workforce?

Valerie Irvine, a professor of educational technology in the Faculty of Education, is finding innovative ways for students to get the most out of their learning experience, shifting the focus of education from curriculum content to supporting the learner's interests and aptitudes first and foremost.

"Almost any profession requires the ability to project-manage your own work," she says.

But most higher education institutions only offer programs or courses that are either face-to-face or online and don't leave much room for personalized learning.

Dr. Irvine co-directs the Technology Integration and Evaluation Research Lab at UVic, where she conducts studies on multi-access learning - a model that merges different ways of accessing education.

She designs her own classes to be multi-access. Students can choose to attend a course face-to-face, log in online or follow lectures via video conferencing.

"This method offers a richer and more dynamic student body," she says. "It changes the very nature of a university's identity."

A connected student from anywhere in the world can attend a class based on this model, without being restricted by location and affordability to live close to campus.

Dr. Irvine plans to expand multi-access learning to other institutions to evaluate its effectiveness. Her goal is for education to be focused more on the inquiry and learning process and less on material that needs to be memorized.

Dr. Irvine is also interested in using technological tools such as blogging and social media to enhance student learning in class. She sees blogging as a form of curating course material, allowing students to archive their own ideas and remember them better.

#### **Related Links**

Dr. Irvine's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=pOQbVuWL\\_04](http://www.youtube.com/watch?v=pOQbVuWL_04)

### **Lara Lauzon**

School of Exercise Science, Physical and Health Ed  
*Phone:* (250) 721-8378  
*E-mail:* [llauzon@uvic.ca](mailto:llauzon@uvic.ca)

#### **Expertise:**

Teacher Wellness  
STEP IT UP - exploring the use of pedometers as an interactive intervention with middle school aged children.  
Wellness Planning in Community Recreation departments in British Columbia.  
SITE - Situated Instruction for Teacher Education - exploring group dynamics in a research team.

### **Richard Marcy**

Dr.  
Public Administration  
*E-mail:* [rtmarcy@uvic.ca](mailto:rtmarcy@uvic.ca)  
*Languages:* German (Basic)

#### **Expertise:**

Management and Leadership Development, to include strategic management and leadership, with a special focus on the public sector. Specific areas of research include the role of scanning and foresight in leadership (particularly in social innovation and crisis management) and the development of frameworks for management and leadership development.

### **Donna McGhie-Richmond**

Educational Psychology & Leadership Studies  
*Phone:* (250) 721-7817  
*E-mail:* [donnamr@uvic.ca](mailto:donnamr@uvic.ca)

#### **Expertise:**

My research examines the nature of and interrelationship among teacher factors (i.e, knowledge, skills, attitudes, beliefs, and efficacy) and teaching practices and their corresponding influence on student participation and learning outcomes in inclusive classrooms. I have particular experience and interest with students who have significant, complex disabilities and the role of instructional and assistive technologies in supporting student and teacher development. My research extends nationally and internationally and is primarily collaborative.

**Debra Sheets**

School of Nursing  
 Phone: (250) 853-3947  
 E-mail: dsheets@uvic.ca

**Expertise:**

gerontology, geriatric nursing, healthy aging, creativity and quality of life, aging with physical disability, family caregiving, end and evaluation

**CURRICULUM STUDIES****Robert Dalton**

Curriculum and Instruction

**Expertise:**

My research examines the periphery of the art world and examines ways of bringing that into the art curriculum. Those areas include child art, First Nations art and the art of other minority groups, mass media, and outsider art. I am also interested in critical analysis of children's art exhibitions, intergenerational art experiences, and studio pedagogy.

**Timothy Hopper**

Assistant Professor  
 School of Exercise Science, Physical and Health Ed  
 Elementary Teacher Education  
 Secondary Teacher Education  
 Phone: (250) 721-8385  
 E-mail: thopper@uvic.ca

**Expertise:**

My research interests divide into three main areas:

E-potfolios and teacher education program renewal  
 Socialization in physical education teacher education  
 School Integrated Teacher Education  
 Teaching Games for Understanding

**Wanda Hurren**

Associate Dean, Administration  
 Curriculum and Instruction  
 Phone: (250) 472-4246  
 E-mail: whurren@uvic.ca

**Expertise:**

I continue to explore links between Place, Identity, Aesthetics and Epistemology. I have completed two studies funded by the Social Sciences and Humanities Research Council of Canada; one examined how space is used in public secondary schools and implications for policies and practice regarding equitable use of school space; another explored approaches to mapping place so that links between people and places are more evident. Both studies explored how where we are influences who we are.

I am currently conducting a study on the UVic campus, titled "Constructing Sights" that is exploring how an attention to aesthetics influences how we "think and do" in places, particularly in places of work, and particularly during a construction project.

**Valerie Irvine**

Assistant Professor  
 Curriculum and Instruction  
 Educational Psychology & Leadership Studies  
 Phone: (250) 721-7778  
 E-mail: virvine@uvic.ca

**Expertise:**

- Educational technology
- Multi-access learning
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## EDUCATION

Dr. Irvine is also interested in using technological tools such as blogging and social media to enhance student learning in class. She sees blogging as a form of curating course material, allowing students to archive their own ideas and remember them better.

### <h3>Related Links</h3>

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[http://www.youtube.com/watch?v=pOQbVuWL\\_04](http://www.youtube.com/watch?v=pOQbVuWL_04)

### **Graham McDonough**

Curriculum and Instruction

*Phone:* (250) 721-7779

*E-mail:* [gpmcd@uvic.ca](mailto:gpmcd@uvic.ca)

#### **Expertise:**

- Philosophy of Education
- Moral Education
- Dissent
- Minority Rights
- Religious Education and Catholic Education
- Religion/Spirituality in Schools
- Philosophy in High Schools

### <h3>Expertise Profile</h3>

You can express disagreement on an issue while remaining part of the larger group with which you disagree, says Dr. Graham McDonough.

The philosophy of education professor studies dissent - how we treat the people who speak out against the popular views of society or groups within it, and in a way that benefits other minority members who are oppressed by the majority group.

Specifically, Dr. McDonough looks at dissent in the context of religious education in publicly-funded Catholic schools. Some Catholic students and parents in these schools experience frustration because the church disapproves of artificial contraception and considers homosexuality "disordered." Others perceive a lack of support when their complaints that the school is "not Catholic enough" seem to have no impact.

His book, *Beyond Obedience and Abandonment: Toward a Theory of Dissent in Catholic Education*, further explores these inner conflicts and challenges 21st-century Catholic schools to provide more support for dissenting views. Doing so will overcome the limitations of thinking that there is only one way to be Catholic.

"I would love to see more examples of diversity within religious groups or in any group generally so that one spokesperson who has a lot of control doesn't necessarily speak for everybody," he says.

Dr. McDonough likes to "put the experience before the theory" when teaching the philosophy of education. Students engage in role-playing and then discuss the

merits, contributions and treatment of the minority view.

### **James Nahachewsky**

Assistant Professor

Curriculum and Instruction

*Phone:* (250) 721-6570

*E-mail:* [jnahache@uvic.ca](mailto:jnahache@uvic.ca)

#### **Expertise:**

- The impact of changing textual ecologies, particularly shifts in the book, on teaching and learning in our digital age
- New literacy studies
- Born digital students
- E-books, e-reader technology and iPads
- Curriculum theory and design
- Young adult literature and media

### <h3>Expertise Profile</h3>

Tablets, e-readers and other digital devices are changing our notion of literacy within classrooms and beyond, says language and literacy professor James Nahachewsky.

Dr. Nahachewsky is researching how different digital media and platforms are used as learning tools and how they affect the way students read and write in an evolving digital age.

Young learners benefit by becoming the experts on both the technology and the texts they encounter, and can engage in a more personalized learning experience.

One of Dr. Nahachewsky's projects looks at the impact of e-reader technology on the literacy of "born digital" high school students. He's also working on a study examining the use of Web 2.0 learning platforms by undergraduate education students.

Platforms such as tablets include various interactive features that can be helpful in grabbing and holding the interest of reluctant readers, he says.

Governments and businesses need to adapt to 21st-century learners who are understanding material and expressing themselves differently - an effect that is rippling through the way people interact with each other.

In the Faculty of Education where he teaches, Dr. Nahachewsky draws from his research experience to inform his students about the practice of education as being focused more on mentorship than on authority in the classroom.

### <h3>Related Links</h3>

Dr. Nahachewsky's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=cazGeI0PT3s>

**Jason Price**

Curriculum and Instruction

Phone: (250) 721-7830

E-mail: jasonp@uvic.ca

**Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

**Ulf Schuetze**

Germanic and Slavic Studies

Phone: (250) 721-7323

E-mail: ulfs@uvic.ca

Languages: German

**Expertise:**

Second language education; computer assisted language learning; intercultural communication

**DISTRIBUTED E-LEARNING****Jillianne Code**

Assistant Professor, Educational Technology and Psychology

Faculty of Education

Curriculum and Instruction

Educational Psychology & Leadership Studies

Phone: (250) 721-7831

E-mail: jcode@uvic.ca

**Expertise:**

My area of research is at the praxis of educational technology, psychology and measurement. Specifically, my research is focused on the role of agency in learning, the use of measurement methods in learning analytics, and the design of immersive and virtual environments for learning.

**Valerie Irvine**

Assistant Professor

Curriculum and Instruction

Educational Psychology & Leadership Studies

Phone: (250) 721-7778

E-mail: virvine@uvic.ca

**Expertise:**

- Educational technology
- Multi-access learning
- 21st-century learning/innovation in learning designs
- Integration and evaluation of technology and media in education
- Distributed e-learning models
- Connected learning via social media
- Theories of technology adoption
- Educational change
- Personalized learning
- Online learning community development

<h3>Expertise Profile</h3>

How often do we hear about students graduating from a

program without the skills necessary for the workforce?

Valerie Irvine, a professor of educational technology in the Faculty of Education, is finding innovative ways for students to get the most out of their learning experience, shifting the focus of education from curriculum content to supporting the learner's interests and aptitudes first and foremost.

"Almost any profession requires the ability to project-manage your own work," she says.

But most higher education institutions only offer programs or courses that are either face-to-face or online and don't leave much room for personalized learning.

Dr. Irvine co-directs the Technology Integration and Evaluation Research Lab at UVic, where she conducts studies on multi-access learning - a model that merges different ways of accessing education.

She designs her own classes to be multi-access. Students can choose to attend a course face-to-face, log in online or follow lectures via video conferencing.

"This method offers a richer and more dynamic student body," she says. "It changes the very nature of a university's identity."

A connected student from anywhere in the world can attend a class based on this model, without being restricted by location and affordability to live close to campus.

Dr. Irvine plans to expand multi-access learning to other institutions to evaluate its effectiveness. Her goal is for education to be focused more on the inquiry and learning process and less on material that needs to be memorized.

Dr. Irvine is also interested in using technological tools such as blogging and social media to enhance student learning in class. She sees blogging as a form of curating course material, allowing students to archive their own ideas and remember them better.

<h3>Related Links</h3>

Dr. Irvine's Faces of UVic Research video:

[http://www.youtube.com/watch?v=pOQbVuWL\\_04](http://www.youtube.com/watch?v=pOQbVuWL_04)

## EDUCATION

### EARLY CHILDHOOD EDUCATION

#### **Sibylle Talmon-Gros Artz**

Child and Youth Care  
*Phone:* (250) 721-6472  
*E-mail:* sartz@uvic.ca  
*Languages:* German

#### **Expertise:**

School-Based Violence and Violence Prevention; Ways of Knowing; Gender Issues and Violent Girls; The Theory Practice-Relationship in Human and Social Development.

#### **Wanda Boyer**

Educational Psychology & Leadership Studies  
*Phone:* (250) 721-7814  
*E-mail:* wboyer@uvic.ca

#### **Expertise:**

Self-Regulation of Preschool and Elementary Aged Children  
Early Childhood  
Elementary Education  
Childhood Development  
The Advancement of Preservice and Inservice Educative Practices to Promote Self-Regulation in Preschool and Elementary Aged Children.

### EDUCATIONAL PSYCHOLOGY

#### **Timothy Black**

Associate Professor  
Educational Psychology & Leadership Studies  
*Phone:* (250) 721-7760  
*E-mail:* tblack@uvic.ca

#### **Expertise:**

My research has focused mainly on group therapy approaches and psychological trauma and its effects on civilian and military populations. I am currently examining the transition of former members of the Canadian Forces to civilian life. I am also pursuing research into Integral Psychotherapy based on Ken Wilber's Integral Metatheory, which includes Integral Methodological Pluralism (IMP) as the next step in comprehensive research strategies.

#### **Related Links**

Dr. Black's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=tul-G52h45Y>

#### **Jillianne Code**

Assistant Professor, Educational Technology and Psychology  
Faculty of Education  
Curriculum and Instruction  
Educational Psychology & Leadership Studies  
*Phone:* (250) 721-7831  
*E-mail:* jcode@uvic.ca

#### **Expertise:**

My area of research is at the praxis of educational technology, psychology and measurement. Specifically, my research is focused on the role of agency in learning, the use of measurement methods in learning analytics, and the design of immersive and virtual environments for learning.

#### **E. Anne Marshall**

Professor  
Educational Psychology & Leadership Studies  
Centre for Youth and Society  
*Phone:* (250) 721-7815  
*E-mail:* amarshal@uvic.ca

*Languages:* French

#### **Expertise:**

- Adolescent identity and mental health
- Indigenous cultural identity
- Career transitions
- Cultural identity
- Counsellor skill development
- Community-based research

For most young people, the first day of university or a new job is usually a blur of excitement and anxiety as they enter a world of more freedom and responsibility.

Mental health psychologist Anne Marshall studies the transitional experiences of adolescents and young adults. She's working with colleagues at UVic and the University of Toronto on a study that demonstrates how the transitional experiences of Indigenous youth are both similar to and different from those of other Canadian youth.

"We're looking at the relationship aspect," she says. "For most Indigenous youth, relationships are a key part--for many the biggest part--of any decision they make about their lives. But many non-Indigenous youth are a bit more individually focused like following your career path or making decisions that you think are right for you."

Dr. Marshall researches youth transitions because she believes that children are our future: "the decisions they make now will have an impact not only on their own future, but their families and the country, so it is important to support them to make good decisions."

Dr. Marshall also played a pivotal role in developing UVic's master's program in Indigenous Communities Counselling Psychology, the only one of its kind in



Canada. "There's a real need for counselling in Aboriginal communities, but the people have some different needs because of their historical background and issues around colonization and continual changes in how they are housed and treated and supported," she says. The program bears many similarities to the existing graduate counselling program, but with a focus on Aboriginal values and priorities, so that it can blend their traditional knowledge with Western knowledge.

### <h3>Related Links</h3>

Anne Marshall's Faces of UVic Research video:  
<https://www.youtube.com/watch?v=-buo9ORUW0w&feature=youtu.be>

### **Joan Martin**

Educational Psychology & Leadership Studies

*E-mail:* jmmartin@uvic.ca

#### **Expertise:**

I am presently conducting a 3 year longitudinal psychosocial study of children and adolescents who undergo surgical repair of a chest wall deformity called pectus excavatum. We are primarily interested in the impact of surgical repair on the psychosocial development of youth. This research is being done in conjunction with Dr. Allen Hayashi (Vancouver Island Health Authority), Dr. Jillian Roberts (UVic), Dr. Erik Skarsgard (UBC), and Dr. Sigalet (University of Calgary).

I conduct research on emotional regulation and motivation. In particular, I am interested in emotional regulation during difficult learning or testing situations, failure resiliency in the context of learning, and rumination.

I have conducted research on depression in children and its relation to perceived competence. This area is now merging with my research on emotional regulation and motivation.

## **EDUCATIONAL TECHNOLOGY**

### **Jillianne Code**

Assistant Professor, Educational Technology and Psychology

Faculty of Education

Curriculum and Instruction

Educational Psychology & Leadership Studies

*Phone:* (250) 721-7831

*E-mail:* jcode@uvic.ca

#### **Expertise:**

My area of research is at the praxis of educational technology, psychology and measurement. Specifically, my research is focused on the role of agency in learning, the use of measurement methods in learning analytics, and the design of immersive and virtual environments for learning.

### **Valerie Irvine**

Assistant Professor

Curriculum and Instruction

Educational Psychology & Leadership Studies

*Phone:* (250) 721-7778

*E-mail:* virvine@uvic.ca

#### **Expertise:**

- Educational technology
- Multi-access learning
- 21st-century learning/innovation in learning designs
- Integration and evaluation of technology and media in education
- Distributed e-learning models
- Connected learning via social media
- Theories of technology adoption
- Educational change
- Personalized learning
- Online learning community development

### <h3>Expertise Profile</h3>

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But most higher education institutions only offer programs or courses that are either face-to-face or online and don't leave much room for personalized learning.

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Dr. Irvine plans to expand multi-access learning to other institutions to evaluate its effectiveness. Her goal is for education to be focused more on the inquiry and learning process and less on material that needs to be memorized.

## EDUCATION

Dr. Irvine is also interested in using technological tools such as blogging and social media to enhance student learning in class. She sees blogging as a form of curating course material, allowing students to archive their own ideas and remember them better.

### <h3>Related Links</h3>

Dr. Irvine's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=pOQbVuWL\\_04](http://www.youtube.com/watch?v=pOQbVuWL_04)

### **Hans Muller**

Professor, Associate Dean of Research, PEng  
Computer Science

*Phone:* (250) 472-5719

*E-mail:* [hausi@uvic.ca](mailto:hausi@uvic.ca)

*Languages:* German and Swiss German

#### **Expertise:**

Hausi A. Müller is a Professor in the Department of Computer Science and Associate Dean of Research in the Faculty of Engineering at University of Victoria, Canada. He is Chair of the IEEE Computer Society Technical Council on Software Engineering (TCSE). His research interests include software engineering, software evolution, smarter commerce, self-adaptive and self-managing systems, situation-aware systems, context-aware systems, service-oriented systems, reverse engineering, software reengineering, program understanding, and visualization.

He is a principal investigator in the NSERC Strategic Research Network for Smart Applications on Virtual Infrastructure (SAVI). The main research goal of the SAVI Network is to address the design of future applications platforms built on a flexible, versatile and evolvable infrastructure that can readily deploy, maintain, and retire the large-scale, possibly short-lived, distributed applications that will be typical in the future applications marketplace. The SAVI partnership involves investigators from nine Canadian universities and 13 companies bringing together expertise in networking, cloud computing, applications, and business.

In 2011 Dr. Müller's research team won the IBM Canada CAS Research Project of the Year Award. In 2006 he received the IBM CAS Faculty Fellow of the Year Award, the CSER Outstanding Leadership Award, and a Stevens Citation for his many contributions to the software reverse engineering community. He was the founding Director of BSEng, a CEAB accredited Bachelor of Software Engineering degree program in the Faculty of Engineering. He serves on the Editorial Board of Software Maintenance and Evolution and Software Process: Improvement and Practice (JSME). He served on the Editorial Board of IEEE Transactions on Software Engineering (TSE).

### <h3>Degrees</h3>

PhD, Computer Science, Rice University, USA

MSc, Computer Science, Rice University, USA

Dipl. El. Ing., Electrical Engineering, Swiss Federal

Institute of Technology (ETH Zurich), Switzerland  
PEng, APEGBC, British Columbia, Canada

### <h3>Related Links</h3>

Dr Muller's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=fxd297SVVr0>

## HEALTH EDUCATION

### **Catherine Gaul**

School of Exercise Science, Physical and Health Ed  
Medical Sciences

*Phone:* (250) 721-8380

*E-mail:* [kgaul@uvic.ca](mailto:kgaul@uvic.ca)

*Languages:* French

#### **Expertise:**

Exercise and Cancer  
Pediatric Exercise Physiology  
Occupational Work Physiology  
Health and Physical Activity  
Medical Education in a distributed setting

### **Timothy Hopper**

Assistant Professor

School of Exercise Science, Physical and Health Ed  
Elementary Teacher Education

Secondary Teacher Education

*Phone:* (250) 721-8385

*E-mail:* [thopper@uvic.ca](mailto:thopper@uvic.ca)

#### **Expertise:**

My research interests divide into three main areas:

E-potfolios and teacher education program renewal  
Socialization in physical education teacher education  
School Integrated Teacher Education  
Teaching Games for Understanding

### **Lara Lauzon**

School of Exercise Science, Physical and Health Ed

*Phone:* (250) 721-8378

*E-mail:* [llauzon@uvic.ca](mailto:llauzon@uvic.ca)

#### **Expertise:**

Teacher Wellness  
STEP IT UP - exploring the use of pedometers as an interactive intervention with middle school aged children.  
Wellness Planning in Community Recreation departments in British Columbia.  
SITE - Situated Instruction for Teacher Education - exploring group dynamics in a research team.

**Debra Sheets**

School of Nursing  
 Phone: (250) 853-3947  
 E-mail: dsheets@uvic.ca

**Expertise:**

gerontology, geriatric nursing, healthy aging, creativity and quality of life, aging with physical disability, family caregiving, end and evaluation

**Rosalie Starzomski**

School of Nursing  
 E-mail: rosestar@uvic.ca

**Expertise:**

Organ Donation  
 Transplantation  
 Nephrology Nursing  
 Ethno-Cultural Attitudes and Beliefs About Organ Donation  
 Nursing Ethics

Biotechnology  
 Social and Ethical Implications of Genetic Testing  
 Health Care Ethics  
 Nursing Ethics  
 Health Policy  
 Advanced Nursing Practice  
 Community Involvement in Health Care Decision Making

<b>INTERNATIONAL AND COMPARATIVE EDUCATION</b>
--

**Budd Hall**

Public Administration  
 Phone: (250) 721-8062  
 E-mail: bhall@uvic.ca  
 Languages: French, Spanish and Kiswahili

**Expertise:**

Participatory Research, Community-Based Research, Social Movement Learning  
 Adult Education  
 Global Civil Society  
 Poetry and Social Movements

**Emmanuel Herique**

French  
 Phone: (250) 595-2544  
 E-mail: herique@uvic.ca  
 Languages: French, German, Spanish, Japanese and Arabic

**Expertise:**

General linguistics, Phonetics  
 French and English languages  
 Editing explorers' journals (18-19th c.)  
 Translation, Interpreting

**Hua Lin**

Linguistics  
 Pacific and Asian Studies  
 Centre for Asia-Pacific Initiatives  
 Phone: (250) 721-6643  
 E-mail: luahin@uvic.ca

Languages: Mandarin Chinese

**Expertise:**

Phonology (the sound system of language)  
 Second language acquisition  
 Chinese linguistics (sound system, word system, sentence structure, writing, history and dialects)  
 English as a second language teaching and learning  
 Chinese as a second language teaching and learning  
 Chinese and English sound systems in contrast  
 Applied linguistics  
 Bilingual education

**Jason Price**

Curriculum and Instruction  
 Phone: (250) 721-7830  
 E-mail: jasonp@uvic.ca

**Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

<b>LEADERSHIP STUDIES</b>
---------------------------

**Budd Hall**

Public Administration  
 Phone: (250) 721-8062  
 E-mail: bhall@uvic.ca  
 Languages: French, Spanish and Kiswahili

**Expertise:**

Participatory Research, Community-Based Research, Social Movement Learning  
 Adult Education  
 Global Civil Society  
 Poetry and Social Movements

**Richard Marcy**

Dr.  
 Public Administration  
 E-mail: rtmarcy@uvic.ca  
 Languages: German (Basic)

**Expertise:**

Management and Leadership Development, to include strategic management and leadership, with a special focus on the public sector. Specific areas of research include the role of scanning and foresight in leadership (particularly in social innovation and crisis management) and the development of frameworks for management and leadership development.

## EDUCATION

### **Catherine McGregor**

Educational Psychology & Leadership Studies

Phone: (250) 721-7757

E-mail: edadgr@uvic.ca

#### **Expertise:**

My doctoral work illustrated the connections between civic agency, aesthetic production and social/civic change among youth in a northern BC community. I am currently a collaborator with Dr. Wanda Cassidy (SFU Centre for Education, Law and Society) in a project designed to extend our understandings of how youth develop civic and legal literacies. This project will explore a range of youth civic activities in both Victoria and Vancouver.

I have extended this field of inquiry into teacher education, exploring the relationships between pre-service teacher beliefs about agency, civic and social justice learning, school/community based learning, aesthetic and technological production practices, and its intersection with notions of teacher leadership, and democratic inclusion. Discourse theory, sociocultural learning theory, critical pedagogies and practices, and semiotic analysis inform this work.

I am also interested in gender and leadership; democratic and social justice leadership; and the relationships between leadership and educational policy. In particular, I focus on how policy environments are products of social, cultural, historical and political discourses, and consider how deconstructing social, cultural and institutional norms and expectations provide opportunities for educational policy makers and teacher leaders to create more inclusive, socially just schools and communities.

In the field of research methodology, my work fits within the qualitative, interpretive, post modern/post structuralist paradigm; I am most interested in auto-ethnographic, narrative, and critical ethnography, as well as aesthetic forms of research and representation.

### **LITERACY (IN SCHOOLS AND ADULT)**

#### **Wanda Boyer**

Educational Psychology & Leadership Studies

Phone: (250) 721-7814

E-mail: wboyer@uvic.ca

#### **Expertise:**

Self-Regulation of Preschool and Elementary Aged Children  
Early Childhood  
Elementary Education  
Childhood Development  
The Advancement of Preservice and Inservice Educative Practices to Promote Self-Regulation in Preschool and Elementary Aged Children.

### **Budd Hall**

Public Administration

Phone: (250) 721-8062

E-mail: bhall@uvic.ca

Languages: French, Spanish and Kiswahili

#### **Expertise:**

Participatory Research, Community-Based Research, Social Movement Learning  
Adult Education  
Global Civil Society  
Poetry and Social Movements

### **James Nahachewsky**

Assistant Professor

Curriculum and Instruction

Phone: (250) 721-6570

E-mail: jnahache@uvic.ca

#### **Expertise:**

- The impact of changing textual ecologies, particularly shifts in the book, on teaching and learning in our digital age
- New literacy studies
- Born digital students
- E-books, e-reader technology and iPads
- Curriculum theory and design
- Young adult literature and media

#### **Expertise Profile**

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Platforms such as tablets include various interactive features that can be helpful in grabbing and holding the interest of reluctant readers, he says.

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In the Faculty of Education where he teaches, Dr. Nahachewsky draws from his research experience to inform his students about the practice of education as

being focused more on mentorship than on authority in the classroom.

### <h3>Related Links</h3>

Dr. Nahachewsky's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=cazGeI0PT3s>

### Ulf Schuetze

Germanic and Slavic Studies

Phone: (250) 721-7323

E-mail: [ulfs@uvic.ca](mailto:ulfs@uvic.ca)

Languages: German

#### Expertise:

Second language education; computer assisted language learning; intercultural communication

## MUSIC EDUCATION

### Ann Elliott-Goldschmid

Artist in Residence

Music

Phone: (250) 721-7919

E-mail: [aelliott@uvic.ca](mailto:aelliott@uvic.ca)

#### Expertise:

Practice of Musical Performance

Primarily Chamber Music, with the Internationally recognized Lafayette String Quartet.

Also, concertmaster of the Galiano Ensemble of Victoria  
<http://galiano.ca/>

Recital engagements, collaborating with artists including Bruce Vogt, Eva Solar Kinderman, Marc Ryser, Arthur Rowe, Harald Krebs, Eugene Dowling, David Jaffe.

### W. Andrew Schloss

Professor

Music

Computer Science

Phone: (250) 721-7931

E-mail: [aschloss@uvic.ca](mailto:aschloss@uvic.ca)

Languages: Spanish

#### Expertise:

- Electronic and computer music
- Computer-human interaction
- Non-western music
- New musical instruments
- Ethnomusicology

#### <h3>Expertise Profile</h3>

Dr. Andrew Schloss combines science and art by experimenting with music using technology.

Dr. Schloss is the co-creator of the combined Music and Computer Science degree program at the University of Victoria. Even in his class on acoustics, which is largely technical, he is still interested in how acoustics can inspire his students as artists.

From the beginning of his career, Dr. Schloss has paid particular attention to the role of the computer in musical performance and has composed several pieces using

computers and virtual instruments.

He has a keen interest in new musical instruments and as a percussionist and electronic musician he's a virtuoso on a new instrument called the radiodrum. He has had great success with the instrument, performing across Europe and North America since 1988.

Recently he has developed an interest in music and robotics. He uses a computer to activate robotics that produce acoustic sound live.

Another longstanding interest is the field of public art and sound art. He has collaborated with numerous artists around the world and most recently worked on translating the tides into sound with a sculpture in False Creek by the Seattle artist Buster Simpson.

His other research interests rest in ethnomusicology, specifically Cuban and West African music.

### <h3>Degrees</h3>

Ph.D. (Stanford)

### <h3>Related Links</h3>

Dr. Schloss' Faces of UVic Research video:  
<http://youtu.be/8VtPnr4WF0w>

## ONLINE LEARNING COMMUNITY DEVELOPMENT

### Jillianne Code

Assistant Professor, Educational Technology and Psychology

Faculty of Education

Curriculum and Instruction

Educational Psychology & Leadership Studies

Phone: (250) 721-7831

E-mail: [jcode@uvic.ca](mailto:jcode@uvic.ca)

#### Expertise:

My area of research is at the praxis of educational technology, psychology and measurement. Specifically, my research is focused on the role of agency in learning, the use of measurement methods in learning analytics, and the design of immersive and virtual environments for learning.

## EDUCATION

### Valerie Irvine

Assistant Professor  
Curriculum and Instruction  
Educational Psychology & Leadership Studies  
Phone: (250) 721-7778  
E-mail: virvine@uvic.ca

#### Expertise:

- Educational technology
- Multi-access learning
- 21st-century learning/innovation in learning designs
- Integration and evaluation of technology and media in education
- Distributed e-learning models
- Connected learning via social media
- Theories of technology adoption
- Educational change
- Personalized learning
- Online learning community development

#### Expertise Profile

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#### Related Links

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[http://www.youtube.com/watch?v=pOQbVuWL\\_04](http://www.youtube.com/watch?v=pOQbVuWL_04)

## PERSONAL LEARNING NETWORKS

### Jillianne Code

Assistant Professor, Educational Technology and Psychology  
Faculty of Education  
Curriculum and Instruction  
Educational Psychology & Leadership Studies  
Phone: (250) 721-7831  
E-mail: jcode@uvic.ca

#### Expertise:

My area of research is at the praxis of educational technology, psychology and measurement. Specifically, my research is focused on the role of agency in learning, the use of measurement methods in learning analytics, and the design of immersive and virtual environments for learning.

### Valerie Irvine

Assistant Professor  
Curriculum and Instruction  
Educational Psychology & Leadership Studies  
Phone: (250) 721-7778  
E-mail: virvine@uvic.ca

#### Expertise:

- Educational technology
- Multi-access learning
- 21st-century learning/innovation in learning designs
- Integration and evaluation of technology and media in education
- Distributed e-learning models
- Connected learning via social media
- Theories of technology adoption
- Educational change
- Personalized learning
- Online learning community development

#### Expertise Profile

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<h3>Related Links</h3>

Dr. Irvine's Faces of UVic Research video:

[http://www.youtube.com/watch?v=pOQbVuWL\\_04](http://www.youtube.com/watch?v=pOQbVuWL_04)

## PHYSICAL EDUCATION AND HEALTH

### Catherine Gaul

School of Exercise Science, Physical and Health Ed  
Medical Sciences

Phone: (250) 721-8380

E-mail: kgaul@uvic.ca

Languages: French

#### Expertise:

Exercise and Cancer  
Pediatric Exercise Physiology  
Occupational Work Physiology  
Health and Physical Activity  
Medical Education in a distributed setting

### Timothy Hopper

Assistant Professor

School of Exercise Science, Physical and Health Ed

Elementary Teacher Education

Secondary Teacher Education

Phone: (250) 721-8385

E-mail: thopper@uvic.ca

#### Expertise:

My research interests divide into three main areas:

E-potfolios and teacher education program renewal  
Socialization in physical education teacher education  
School Integrated Teacher Education  
Teaching Games for Understanding

### Lara Lauzon

School of Exercise Science, Physical and Health Ed

Phone: (250) 721-8378

E-mail: llauzon@uvic.ca

#### Expertise:

Teacher Wellness  
STEP IT UP - exploring the use of pedometers as an interactive intervention with middle school aged children.  
Wellness Planning in Community Recreation departments in British Columbia.  
SITE - Situated Instruction for Teacher Education - exploring group dynamics in a research team.

### Lynneth Stuart-Hill

School of Exercise Science, Physical and Health Ed

Phone: (250) 721-7884

E-mail: lstuhill@uvic.ca

#### Expertise:

Occupational physiology and health  
Children and exercise

### E. Paul Zehr

School of Exercise Science, Physical and Health Ed

Biomedical Research

Phone: (250) 721-8379

E-mail: pzehr@uvic.ca

Languages: French, some German, Japanese, Italian and Spanish

#### Expertise:

- Neural control of human movement  
- Recovery from stroke and spinal cord injuries  
- Role of reflexes in coordination of limbs

<h3>Expertise Profile</h3>

We should give our arms more credit when it comes to walking, says Dr. E. Paul Zehr.

Dr. Zehr is a neuroscientist in the Division of Medical Sciences and School of Exercise Science, Physical and Health Education, where he studies how our arms and legs follow the commands of the brain and spinal cord during walking.

## EDUCATION

He would cement his reputation as a breakthrough scientist by discovering that our arms give our legs a helping hand when we walk.

In one study, Dr. Zehr looked at how arm and leg coordination is changed or lost after the nervous system has been damaged during stroke or a spinal cord injury. He finds that the nervous system has the capacity to change no matter what damage it has endured.

For that matter, Dr. Zehr and his graduate students at UVic applied a mostly forgotten discovery over 100 years ago where exercising the unaffected side of the body after stroke also strengthened the opposite weaker side of the body.

This surprising finding encourages people with neural injuries and mobility issues in rehabilitation to continue to exercise and eventually recover their ability to walk.

Dr. Zehr brings his passion into the classroom by using real-life stories from his research to support understanding of concepts in neuroscience and kinesiology. He also uses examples from pop culture, such as superheroes from action-based comic books, to help students explore creative ways of solving problems.

<h3>Related Links</h3>

Dr. Zehr's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=lig3dK-MiPs>

## TEACHER PREPARATION ELEMENTARY

### Wanda Boyer

Educational Psychology & Leadership Studies

Phone: (250) 721-7814

E-mail: [wboyer@uvic.ca](mailto:wboyer@uvic.ca)

#### Expertise:

Self-Regulation of Preschool and Elementary Aged Children  
Early Childhood  
Elementary Education  
Childhood Development  
The Advancement of Preservice and Inservice Educative Practices to Promote Self-Regulation in Preschool and Elementary Aged Children.

### Jillianne Code

Assistant Professor, Educational Technology and Psychology

Faculty of Education

Curriculum and Instruction

Educational Psychology & Leadership Studies

Phone: (250) 721-7831

E-mail: [jcode@uvic.ca](mailto:jcode@uvic.ca)

#### Expertise:

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Assistant Professor

School of Exercise Science, Physical and Health Ed

Elementary Teacher Education

Secondary Teacher Education

Phone: (250) 721-8385

E-mail: [thopper@uvic.ca](mailto:thopper@uvic.ca)

#### Expertise:

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School Integrated Teacher Education  
Teaching Games for Understanding

### Valerie Irvine

Assistant Professor

Curriculum and Instruction

Educational Psychology & Leadership Studies

Phone: (250) 721-7778

E-mail: [virvine@uvic.ca](mailto:virvine@uvic.ca)

#### Expertise:

- Educational technology  
- Multi-access learning  
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#### **Expertise:**

Teacher Wellness

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### **Donna McGhie-Richmond**

Educational Psychology & Leadership Studies

Phone: (250) 721-7817

E-mail: donnamr@uvic.ca

#### **Expertise:**

My research examines the nature of and interrelationship among teacher factors (i.e. knowledge, skills, attitudes, beliefs, and efficacy) and teaching practices and their corresponding influence on student participation and learning outcomes in inclusive classrooms. I have particular experience and interest with students who have significant, complex disabilities and the role of instructional and assistive technologies in supporting student and teacher development. My research extends nationally and internationally and is primarily collaborative.

### **Catherine McGregor**

Educational Psychology & Leadership Studies

Phone: (250) 721-7757

E-mail: edadgr@uvic.ca

#### **Expertise:**

My doctoral work illustrated the connections between civic agency, aesthetic production and social/civic change among youth in a northern BC community. I am currently a collaborator with Dr. Wanda Cassidy (SFU Centre for Education, Law and Society) in a project designed to extend our understandings of how youth develop civic and legal literacies. This project will explore a range of youth civic activities in both Victoria and Vancouver.

I have extended this field of inquiry into teacher education, exploring the relationships between pre-service teacher beliefs about agency, civic and social justice learning, school/community based learning, aesthetic and technological production practices, and its intersection with notions of teacher leadership, and democratic inclusion. Discourse theory, sociocultural learning theory, critical pedagogies and practices, and semiotic analysis inform this work.

I am also interested in gender and leadership; democratic and social justice leadership; and the relationships between leadership and educational policy. In particular, I focus on how policy environments are products of social, cultural, historical and political discourses, and consider how deconstructing social, cultural and institutional norms and expectations provide opportunities for educational policy makers and teacher leaders to create more inclusive, socially just schools and communities.

In the field of research methodology, my work fits within the qualitative, interpretive, post modern /post structuralist paradigm; I am most interested in auto-ethnographic, narrative, and critical ethnography, as well as aesthetic forms of research and representation.

## EDUCATION

### **James Nahachewsky**

Assistant Professor  
Curriculum and Instruction  
*Phone: (250) 721-6570*  
*E-mail: jnahache@uvic.ca*

#### **Expertise:**

- The impact of changing textual ecologies, particularly shifts in the book, on teaching and learning in our digital age
- New literacy studies
- Born digital students
- E-books, e-reader technology and iPads
- Curriculum theory and design
- Young adult literature and media

#### **Expertise Profile**

Tablets, e-readers and other digital devices are changing our notion of literacy within classrooms and beyond, says language and literacy professor James Nahachewsky.

Dr. Nahachewsky is researching how different digital media and platforms are used as learning tools and how they affect the way students read and write in an evolving digital age.

Young learners benefit by becoming the experts on both the technology and the texts they encounter, and can engage in a more personalized learning experience.

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Governments and businesses need to adapt to 21st-century learners who are understanding material and expressing themselves differently - an effect that is rippling through the way people interact with each other.

In the Faculty of Education where he teaches, Dr. Nahachewsky draws from his research experience to inform his students about the practice of education as being focused more on mentorship than on authority in the classroom.

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<http://www.youtube.com/watch?v=cazGeIOPT3s>

### **Jason Price**

Curriculum and Instruction  
*Phone: (250) 721-7830*  
*E-mail: jasonp@uvic.ca*

#### **Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

## **TEACHER PREPARATION SECONDARY**

### **Jillianne Code**

Assistant Professor, Educational Technology and Psychology  
Faculty of Education  
Curriculum and Instruction  
Educational Psychology & Leadership Studies  
*Phone: (250) 721-7831*  
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#### **Expertise:**

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### **Robert Dalton**

Curriculum and Instruction

#### **Expertise:**

My research examines the periphery of the art world and examines ways of bringing that into the art curriculum. Those areas include child art, First Nations art and the art of other minority groups, mass media, and outsider art. I am also interested in critical analysis of children's art exhibitions, intergenerational art experiences, and studio pedagogy.

### **Timothy Hopper**

Assistant Professor  
School of Exercise Science, Physical and Health Ed  
Elementary Teacher Education  
Secondary Teacher Education  
*Phone: (250) 721-8385*  
*E-mail: thopper@uvic.ca*

#### **Expertise:**

My research interests divide into three main areas:

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Socialization in physical education teacher education  
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**Valerie Irvine**

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Curriculum and Instruction  
Educational Psychology & Leadership Studies  
Phone: (250) 721-7778  
E-mail: [virvine@uvic.ca](mailto:virvine@uvic.ca)

**Expertise:**

- Educational technology
- Multi-access learning
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**Expertise:**

- Teacher Wellness
- STEP IT UP - exploring the use of pedometers as an interactive intervention with middle school aged children.
- Wellness Planning in Community Recreation departments in British Columbia.
- SITE - Situated Instruction for Teacher Education - exploring group dynamics in a research team.

**Graham McDonough**

Curriculum and Instruction  
Phone: (250) 721-7779  
E-mail: [gpmcd@uvic.ca](mailto:gpmcd@uvic.ca)

**Expertise:**

- Philosophy of Education
- Moral Education
- Dissent
- Minority Rights
- Religious Education and Catholic Education
- Religion/Spirituality in Schools
- Philosophy in High Schools

**Expertise Profile**

You can express disagreement on an issue while remaining part of the larger group with which you disagree, says Dr. Graham McDonough.

The philosophy of education professor studies dissent - how we treat the people who speak out against the popular views of society or groups within it, and in a way that benefits other minority members who are oppressed by the majority group.

Specifically, Dr. McDonough looks at dissent in the context of religious education in publicly-funded Catholic schools. Some Catholic students and parents in these schools experience frustration because the church disapproves of artificial contraception and considers homosexuality "disordered." Others perceive a lack of support when their complaints that the school is "not Catholic enough" seem to have no impact.

His book, *Beyond Obedience and Abandonment: Toward a Theory of Dissent in Catholic Education*, further

## EDUCATION

explores these inner conflicts and challenges 21st-century Catholic schools to provide more support for dissenting views. Doing so will overcome the limitations of thinking that there is only one way to be Catholic.

"I would love to see more examples of diversity within religious groups or in any group generally so that one spokesperson who has a lot of control doesn't necessarily speak for everybody," he says.

Dr. McDonough likes to "put the experience before the theory" when teaching the philosophy of education. Students engage in role-playing and then discuss the merits, contributions and treatment of the minority view.

### **Donna McGhie-Richmond**

Educational Psychology & Leadership Studies

Phone: (250) 721-7817

E-mail: donnamr@uvic.ca

#### **Expertise:**

My research examines the nature of and interrelationship among teacher factors (i.e. knowledge, skills, attitudes, beliefs, and efficacy) and teaching practices and their corresponding influence on student participation and learning outcomes in inclusive classrooms. I have particular experience and interest with students who have significant, complex disabilities and the role of instructional and assistive technologies in supporting student and teacher development. My research extends nationally and internationally and is primarily collaborative.

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#### **Expertise:**

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## **THEORIES OF TECHNOLOGY ADOPTION**

### **Valerie Irvine**

Assistant Professor

Curriculum and Instruction

Educational Psychology & Leadership Studies

Phone: (250) 721-7778

E-mail: virvine@uvic.ca

#### **Expertise:**

- Educational technology
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### Hans Muller

Professor, Associate Dean of Research, PEng  
 Computer Science

Phone: (250) 472-5719

E-mail: [hausi@uvic.ca](mailto:hausi@uvic.ca)

Languages: German and Swiss German

### Expertise:

Hausi A. Müller is a Professor in the Department of Computer Science and Associate Dean of Research in the Faculty of Engineering at University of Victoria, Canada. He is Chair of the IEEE Computer Society Technical Council on Software Engineering (TCSE). His research interests include software engineering, software evolution, smarter commerce, self-adaptive and self-managing systems, situation-aware systems, context-aware systems, service-oriented systems, reverse engineering, software reengineering, program understanding, and visualization.

He is a principal investigator in the NSERC Strategic Research Network for Smart Applications on Virtual Infrastructure (SAVI). The main research goal of the SAVI Network is to address the design of future applications platforms built on a flexible, versatile and evolvable infrastructure that can readily deploy, maintain, and retire the large-scale, possibly short-lived, distributed applications that will be typical in the future applications marketplace. The SAVI partnership involves investigators from nine Canadian universities and 13 companies bringing together expertise in networking, cloud computing, applications, and business.

In 2011 Dr. Müller's research team won the IBM Canada CAS Research Project of the Year Award. In 2006 he received the IBM CAS Faculty Fellow of the Year Award, the CSER Outstanding Leadership Award, and a Stevens Citation for his many contributions to the software reverse engineering community. He was the founding Director of BSEng, a CEAB accredited Bachelor of Software Engineering degree program in the Faculty of Engineering. He serves on the Editorial Board of Software Maintenance and Evolution and Software Process: Improvement and Practice (JSME). He served on the Editorial Board of IEEE Transactions on Software Engineering (TSE).

### Degrees

PhD, Computer Science, Rice University, USA  
 MSc, Computer Science, Rice University, USA  
 Dipl. El. Ing., Electrical Engineering, Swiss Federal Institute of Technology (ETH Zurich), Switzerland  
 PEng, APEGBC, British Columbia, Canada

### Related Links

Dr Muller's Faces of UVic Research video:  
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## EDUCATION

### TWENTY FIRST CENTURY LEARNING

#### Jillianne Code

Assistant Professor, Educational Technology and Psychology  
Faculty of Education

Curriculum and Instruction  
Educational Psychology & Leadership Studies

Phone: (250) 721-7831

E-mail: jcode@uvic.ca

#### Expertise:

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Educational Psychology & Leadership Studies

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# ENGINEERING

## ADVANCED MATERIALS

### Sadik Dost

Professor, Canada Research Chair in Semiconductor Crystal Growth

Mechanical Engineering

Phone: (250) 721-8898

E-mail: sdost@uvic.ca

Languages: Turkish

#### Expertise:

Growth of single crystals of semiconductors for various applications including medical imaging devices, x-ray and gamma ray detectors, solar energy conversion, lasers, and infra-red detectors. Transport Phenomena; Modelling; Continuum mechanics; Electronic materials and components; Electronic materials science; Kinetic and transport theory of fluids, physical properties of gases; Mathematical modelling; Semiconductors.

<h3>Degrees</h3>

Dip.Eng., Karadeniz, Turkey; Ph.D., Istanbul; P.Eng.

### Afzal Suleman

Professor

Mechanical Engineering

Phone: (250) 721-6039

E-mail: suleman@uvic.ca

Languages: Portuguese and French

#### Expertise:

- Aeronautical, Automotive and Aerospace Engineering,
- Computational Mechanics and Experimental Mechanics,
- Applied Vehicle Technologies
- Solid mechanics
- Multidisciplinary Design optimization
- Fluid-structure interaction-
- Active aeroelastic and morphing aircraft structures
- Ocean energy and technology.

<h3>Expertise Profile</h3>

Search and rescue missions could be a lot safer by using small, unmanned aircraft, says engineer Afzal Suleman.

Currently, pilots conduct searches by flying helicopters, often through poor flying conditions or over dangerous terrain such as cliffs. They risk their lives every time they go out. Unmanned aircrafts would reduce the dangers by finding and recording the missing person's location with minimal human interaction, says Dr. Suleman.

Rescuers could then fly directly to the victim, avoiding some of the more perilous situations. "It makes it safer for people participating in the mission, and it's cost-effective. If we lose a small unmanned aircraft, it's not a big deal because they're low-cost machines, but if we lose a person or a big aircraft, then it is a big deal."

Dr. Suleman, working closely with industrial partners and Transport Canada, studies how to make unmanned aircraft more energy-efficient and therefore better suited to run search and rescue missions. He looks for lighter materials

and more efficient designs that allow the aircrafts to use less fuel while flying further.

Each year, Dr. Suleman employs up to 10 co-op students to help him with his research at UVic's Centre for Aerospace Research in Sidney, where they work on plane design, manufacturing and instrumentation. "The program works well for them and for us," he says. "This is how we bring our research to undergraduate students."

<h3>Related Links</h3>

Afzal Suleman's Faces of UVic Research video:

[www.youtube.com/watch?v=cd0P77Kh-YQ](http://www.youtube.com/watch?v=cd0P77Kh-YQ)

### Franciscus van Veggel

Professor

Chemistry

Phone: (250) 721-7184

E-mail: fvv@uvic.ca

Languages: Dutch, German

#### Expertise:

- New nanomaterials for optical devices (laser, optical amplifiers and light-emitting diodes) and diagnostics
  - New nanomaterials with magnetic and optical properties, the latter focussed on the near-infrared (~700 to 1700 nm)
- <h3>Expertise Profile</h3>

Dr. Frank van Veggel's work may not be visible to the naked eye, but it could change the way we see things.

Dr. van Veggel is a professor in the University of Victoria's chemistry department and an international leader in the design and study of new photonic, or light-emitting, nanomaterials and magnetic nanomaterials. He holds a Canada Research Chair in Supramolecular Photonic Materials.

He is particularly interested in the health applications of these nanomaterials, including new biolabels, which can be used to detect diseases such as cancer. The materials produced in his lab will be used to improve the contrast in MRI machines, so cancerous tumours can be seen more clearly.

Eventually Dr. van Veggel hopes to make materials that not only image cancer but treat it as well.

His lab also works on optimizing nanomaterials for use in quantum computing and telecommunication.

In the classroom, he prepares students for research and for the experience of failure when an experiment doesn't go the way it could have. His years of experience have taught him that every apparent failure still teaches us something.

Dr. van Veggel has always been an optimistic guy - his ultimate goal is to one day get at least one chemical compound into a clinical trial.

## ENGINEERING

<h3>Related Links</h3>

Dr. van Veggel's website: <http://web.uvic.ca/~fvv/>

### ARTIFICIAL INTELLIGENCE

#### **Kin Li**

Associate Professor, Computer Engineering Program  
Director

Electrical and Computer Engineering

*Phone:* (250) 721-8683

*E-mail:* [kinli@uvic.ca](mailto:kinli@uvic.ca)

*Languages:* Cantonese, Mandarin, and some French

#### **Expertise:**

Intelligent Systems;  
Data and Web Mining;  
Computer Systems;  
Computer Architecture

<h3>Degrees</h3>

B.Eng. (Concordia), MBA (U. of Vic.), Ph.D.  
(Concordia)

P.Eng.

#### **Stephen Neville**

Associate Professor

Electrical and Computer Engineering

*Phone:* (250) 721-6017

*E-mail:* [sneville@ece.uvic.ca](mailto:sneville@ece.uvic.ca)

#### **Expertise:**

- Cyber-security and cyber-privacy
- Large-scale information systems
- Data Science and Big Data
- Industry applied research collaborations

<h3>Expertise Profile</h3>

Reliable, safe and secure -- that's what we expect from our information technology systems. Yet every day we hear stories of system outages, cyber-attacks and privacy breaches.

Dr. Stephen W. Neville is the founding director of the Centre for Advanced Security, Privacy and Information Systems Research (ASPIRe Centre) at the University of Victoria and he aims to change that.

Dr. Neville's research focuses on the engineering of larger-scale software systems and, particularly, understanding and mitigating their resulting cyber-security and cyber-privacy challenges.

In his own Information Security and Privacy Research (InSPiRe) Lab, Dr. Neville analyzes data from industry and government systems and converts that data to knowledge, whether it's simply a better theoretical understanding of how a system works or new ways of engineering a better one.

Modern societies depend on these large-scale information systems in everything from social networking to the higher profile sectors of health care, banking, and critical infrastructure systems.

Real world problems faced by industries and governments inform Dr. Neville's work, including issues of security, privacy, reliability, availability and scalability. As such, much of his work involves collaborations with industry.

In concert with Dr. Thomas E. Darcie, Dr. Neville co-supervises and advises student teams within UVic's recently established Entrepreneurial Engineering Masters Project (EEMP) conducted in partnership with the Alacrity Foundation.

EEMP students work with well-established industry leaders to create companies which they will partially own. Dr. Neville's industry experience and applied research focus make him an excellent adviser for the program.

Dr. Neville is a founding member of the Natural Sciences and Engineering Research Council's (NSERC) national cyber-security focused strategic network -- the Interconnected Systems Security Network (ISSNet).

<h3>Related Links</h3>

InSPiRe research lab: <http://www.inspire.ece.uvic.ca/>

#### **George Tzanetakis**

Assistant Professor

Computer Science

Music

*Phone:* (250) 472-5711

*E-mail:* [gtzan@cs.uvic.ca](mailto:gtzan@cs.uvic.ca)

*Languages:* Greek

#### **Expertise:**

- Music information retrieval
- Computer music
- Audio signal processing
- Machine learning
- Human computer interaction

<h3>Expertise Profile</h3>

If engineering and fine arts seem worlds apart, then take a look at how George Tzanetakis blends the two.

As a computer scientist and the Canada Research Chair in Computer Analysis of Audio and Music, Dr. Tzanetakis is an emerging researcher in music information retrieval - he creates algorithms that instantly extract information from complex audio signals.

This has all sorts of creative applications, from personalized radio systems that recommend music you may like, or audio fingerprinting in mobile phones, which allows you to identify a music piece being played in a coffee shop or a bar.

Dr. Tzanetakis is currently working on analyzing large personal music collections to develop systems that recommend music to a particular user. He wants to expand the technology's capabilities so that computers, listeners



and musicians can interact better with each other.

Dr. Tzanetakis, a musician himself, is also developing a robotic percussionist that can improvise with human performers. Although a music ensemble with musicians and computers can be complex, he believes it can also be rich and dynamic. His curiosity in the field drives him to iron out the wrinkles still present in human-computer interactions.

Working with whale biologists, Dr. Tzanetakis is also involved in building tools to analyze audio vocalizations of killer whales. Working with 20,000 hours of archival data, he is helping to streamline the process by creating algorithms that can mark segments of interest, organize the audio files and recognize various types of orca calls.

In the innovative Computer Science and Music combined program, Dr. Tzanetakis engages his students in real-life projects that push their boundaries and help them understand learned concepts at a deeper level.

<h3>Degrees</h3>

Dr. Tzanetakis holds a Ph.D. from Princeton.

<h3>Related Links</h3>

Dr. Tzanetakis' Faces of UVic Research video:  
<http://www.youtube.com/watch?v=iRGUK59TTjM>

## BIOTECHNOLOGY/BIOMATERIALS

### Stephanie Willerth

Assistant Professor  
 Mechanical Engineering  
 Biomedical Research  
 Phone: (250) 721-7303  
 E-mail: willerth@uvic.ca

#### Expertise:

- Tissue engineered scaffolds for promoting stem cell differentiation
  - Novel drug delivery systems
  - Analyzing mechanisms of stem cell differentiation using next generation sequencing
- <h3>Expertise Profile</h3>

When Dr. Stephanie Willerth was five years old she asked her parents for one of two things for Christmas: a chemistry set or a pair of tickets to a college bowl football game.

Twenty-five years later, Dr. Willerth is an assistant professor in the Biomedical Engineering Program and the head of the University of Victoria's state-of-the-art Willerth Laboratory. She is making advances in a field that has huge medical potential - stem cell bioengineering.

Stem cells are special, powerful cells found in humans and other animals that can replicate into cells to repair and replace damaged tissues.

Stem cell research holds huge potential for the treatment

of conditions such as cancer, heart disease and spinal cord injury.

When Dr. Willerth was a graduate student in the US in 2006, her research group was the first to develop a method for studying stem cell behaviour in a 3-D setting. That work used embryonic stem cells, which are the most versatile at reproducing and creating tissue.

At UVic, Dr. Willerth and her team are exploring similar techniques using "pluripotent" adult stem cells, which are adult cells altered to behave like embryonic stem cells.

Dr. Willerth belongs to ICORD (International Collaboration On Repair Discoveries), a BC-based organization dedicated to spinal cord injury research. Her ultimate goal is to restore the function lost to devastating spinal cord injuries.

It may be obvious, but her parents bought her the chemistry set.

<h3>Related Links</h3>

Dr. Willerth's Faces of UVic Research video:  
<http://youtu.be/b42bBJUFEmM>

The Willerth Lab website:  
<http://www.engr.uvic.ca/~willerth/index.shtml>

## COMBINATORIAL ALGORITHMS

### Sudhakar Ganti

Assistant Professor  
 Computer Science  
 Phone: (250) 472-5733  
 E-mail: sganti@uvic.ca  
 Languages: Telugu and Hindi

#### Expertise:

High-performance networking aspects: Quality-of-Service Issues, Traffic Management, Datapath analysis and design;  
 Traffic Engineering;  
 Protocols;  
 Switching system analysis and design;  
 Performance studies;  
 Network design;  
 Optical Networks;  
 Queueing Theory;  
 Trends in data networking, traffic management, quality of service, protocols, routing, traffic engineering, network design, switching architectures, optical networks, performance evaluation, queueing theory. Algorithms; Asynchronous transfer mode; Communication(s) networks, protocols and systems; Data communications, Interconnection networks; Internet; Probability Theory; Simulation Modelling; Stochastic models and processes; Telecommunication and Telecommunications technologies.

<h3>Degrees</h3>

Ph.D. (Ottawa)

## ENGINEERING

### **Bruce Kapron**

Associate Professor  
Computer Science  
Phone: (250) 472-5725

#### **Expertise:**

Foundational aspects of computing, in particular the complexity of computing, cryptography and the foundations of computer security, and logic. Logic in computer science, cryptography, foundations of security, verification, computational complexity. Cryptology. Information Technology Security. Logic and Logic Theory. Theory of Computation. Verification.

<h3>Degrees</h3>  
Ph.D.(Toronto)

### **Frank Ruskey**

Professor  
Computer Science  
Phone: (250) 472-5794

#### **Expertise:**

Combinatorial Algorithms,  
Combinatorial Mathematics,  
Gray Codes,  
Venn Diagrams, Algorithms, Combinatorial analysis,  
Combinatorics, Discrete Mathematics, Graph theory,  
Mathematics, Mathematics of Computing, programming,  
Software and Development.

<h3>Degrees</h3>  
Ph.D. (Calif., San Diego)

## COMMUNICATION, SIGNAL PROCESSING AND CONTROL

### **Peter Driessen**

Electrical and Computer Engineering  
Music  
Phone: (250) 721-8688

#### **Expertise:**

Audio and Video Signal Processing  
Computer Music  
Wireless Communications  
Radio Propagation  
Sound Recording  
Audio aspects of media  
Communications Systems  
Multimedia systems and networks

<h3>Degrees</h3>  
B.Sc., Ph.D. (British Columbia) P.Eng.

### **Michael McGuire**

Assistant Professor  
Electrical and Computer Engineering  
Phone: (250) 721-8684  
E-mail: mmcguire@uvic.ca

#### **Expertise:**

- Signal processing technologies for advanced wireless networks
- Model-based and adaptive filtering
- Digital signal processing and wireless network control
- Communication and information theory
- Communications networks and systems
- Radar and navigations
- Telecommunication technologies

#### <h3>Expertise Profile</h3>

Early in his career, electrical engineer Michael McGuire noticed that although there were various creative algorithms being invented for computer systems, not many made it to hardware applications that could solve real-life problems.

Combining a background in computer engineering with expertise in electrical engineering, Dr. McGuire studies how digital signals, such as radio and wireless communications, can be captured and directed at specific devices without restricting user mobility, especially amid all the interference in the environment.

For example, GPS technology is quite effective in outdoor environments, but performs very poorly indoors, says Dr. McGuire. His research group is developing techniques to accurately locate handheld communication devices using radio waves, even when the device is indoors. His team has shown that indoor wireless stations can usually be located to within three metres.

At a time when users demand more connectivity, especially as we engage in more video communication, the need for better data processing between communication devices grows.

Dr. McGuire seeks to engineer systems that can allow devices to better connect to wireless frequencies while taking into consideration personal security issues as well as health concerns related to radio waves.

When teaching engineering students, Dr. McGuire engages them in design projects to stress the link between mathematical equations and their applications to real-life problems.

**Stephen Neville**

Associate Professor  
Electrical and Computer Engineering  
Phone: (250) 721-6017  
E-mail: sneville@ece.uvic.ca

**Expertise:**

- Cyber-security and cyber-privacy
- Large-scale information systems
- Data Science and Big Data
- Industry applied research collaborations

**Expertise Profile**

Reliable, safe and secure -- that's what we expect from our information technology systems. Yet every day we hear stories of system outages, cyber-attacks and privacy breaches.

Dr. Stephen W. Neville is the founding director of the Centre for Advanced Security, Privacy and Information Systems Research (ASPIRe Centre) at the University of Victoria and he aims to change that.

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**Related Links**

InSPiRe research lab: <http://www.inspire.ece.uvic.ca/>

**COMPUTATIONAL AND CONTINUUM MECHANICS****Nedjib Djilali**

Professor  
Mechanical Engineering  
Institute for Integrated Energy Systems  
Phone: (250) 721-6034  
E-mail: ndjilali@uvic.ca

Languages: French

**Expertise:**

Sustainable Energy Systems;  
Fuel Cells;  
Modelling and Experimental Investigation of Complex Flows, Heat and Mass Transfer; Fluid dynamics; Transport Phenomena; Aerospace, aeronautical and automotive engineering; Continuum mechanics; Energy conversion and distribution; Engineering design; Environment and Sustainability; Fluid and ion transport; Hydrodynamics; Kinetic and transport theory of fluids, physical properties of gases; Mathematical modelling; Microfluidics; Pem fuel cells.

**Degrees**

B.Sc. (Hertfordshire); M.Sc. (London); D.I.C. (Imperial College); Ph.D. (UBC); P.Eng.

**Related Links**

Dr. Djilali's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=UodmQGweXd0>

**Afzal Suleman**

Professor  
Mechanical Engineering  
Phone: (250) 721-6039  
E-mail: suleman@uvic.ca  
Languages: Portuguese and French

**Expertise:**

- Aeronautical, Automotive and Aerospace Engineering,
- Computational Mechanics and Experimental Mechanics,
- Applied Vehicle Technologies
- Solid mechanics
- Multidisciplinary Design optimization
- Fluid-structure interaction-
- Active aeroelastic and morphing aircraft structures
- Ocean energy and technology.

**Expertise Profile**

Search and rescue missions could be a lot safer by using small, unmanned aircraft, says engineer Afzal Suleman.

Currently, pilots conduct searches by flying helicopters, often through poor flying conditions or over dangerous terrain such as cliffs. They risk their lives every time they go out. Unmanned aircrafts would reduce the dangers by finding and recording the missing person's location with minimal human interaction, says Dr. Suleman.

## ENGINEERING

Rescuers could then fly directly to the victim, avoiding some of the more perilous situations. "It makes it safer for people participating in the mission, and it's cost-effective. If we lose a small unmanned aircraft, it's not a big deal because they're low-cost machines, but if we lose a person or a big aircraft, then it is a big deal."

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### <h3>Related Links</h3>

Afzal Suleman's Faces of UVic Research video:  
[www.youtube.com/watch?v=cd0P77Kh-YQ](http://www.youtube.com/watch?v=cd0P77Kh-YQ)

## COMPUTER COMMUNICATION NETWORKS

### **Sudhakar Ganti**

Assistant Professor  
Computer Science

*Phone:* (250) 472-5733

*E-mail:* [sganti@uvic.ca](mailto:sganti@uvic.ca)

*Languages:* Telugu and Hindi

#### **Expertise:**

High-performance networking aspects: Quality-of-Service Issues, Traffic Management, Datapath analysis and design;

Traffic Engineering;

Protocols;

Switching system analysis and design;

Performance studies;

Network design;

Optical Networks;

Queueing Theory;

Trends in data networking, traffic management, quality of service, protocols, routing, traffic engineering, network design, switching architectures, optical networks, performance evaluation, queueing theory. Algorithms; Asynchronous transfer mode; Communication(s)

networks, protocols and systems; Data communications, Interconnection networks; Internet; Probability Theory; Simulation Modelling; Stochastic models and processes; Telecommunication and Telecommunications technologies.

<h3>Degrees</h3>

Ph.D. (Ottawa)

### **Daniel German**

Associate Professor  
Computer Science

*Phone:* (250) 472-5790

*E-mail:* [dmg@uvic.ca](mailto:dmg@uvic.ca)

*Languages:* Spanish

#### **Expertise:**

The study of the evolution of software.

The study of open source software engineering.

The impact of the licensing of intellectual property in software development.

<h3>Degrees</h3>

Ph.D. (Waterloo)

### **Michael McGuire**

Assistant Professor  
Electrical and Computer Engineering

*Phone:* (250) 721-8684

*E-mail:* [mmcguire@uvic.ca](mailto:mmcguire@uvic.ca)

#### **Expertise:**

-Signal processing technologies for advanced wireless networks

-Model-based and adaptive filtering

-Digital signal processing and wireless network control

-Communication and information theory

-Communications networks and systems

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-Telecommunication technologies

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When teaching engineering students, Dr. McGuire engages them in design projects to stress the link between mathematical equations and their applications to real-life problems.

### Stephen Neville

Associate Professor  
Electrical and Computer Engineering  
Phone: (250) 721-6017  
E-mail: sneville@ece.uvic.ca

#### Expertise:

- Cyber-security and cyber-privacy
- Large-scale information systems
- Data Science and Big Data
- Industry applied research collaborations

#### <h3>Expertise Profile</h3>

Reliable, safe and secure -- that's what we expect from our information technology systems. Yet every day we hear stories of system outages, cyber-attacks and privacy breaches.

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#### <h3>Related Links</h3>

InSPiRe research lab: <http://www.inspire.ece.uvic.ca/>

## COMPUTER SCIENCE

### Daniela Damian

Associate Professor  
Computer Science  
Phone: (250) 472-5788  
Languages: Romanian

#### Expertise:

- Global software development
- Empirical software engineering
- Human-computer interaction
- Computer-supported cooperative design
- Requirements engineering

#### <h3>Expertise Profile</h3>

Contrary to popular belief, there's more to software development than a set of programmers and developers, says computer scientist Daniela Damian.

In fact, there's a broader set of players involved in the creation and success of a software project. This includes business analysts, managers, architects, testers and the customers.

Dr. Damian's research looks at how these key players communicate with each other when working on software development projects. Many of these stakeholders are dispersed across different parts of the world, she notes. While this strategy gives the software industry a competitive advantage, interacting with teams from remote places around the globe presents complex challenges due to differences in time zones, work culture, and knowledge management technologies.

Dr. Damian's research projects use a synergy of empirical methods, data mining and social network analysis to understand these complex interactions and address them by improving the effectiveness of communication and coordination in large, distributed software projects.

She leads the Software Engineering Global interAction Lab (SEGAL) at UVic, a computer science facility equipped with state-of-the-art collaboration technologies, such as large interactive displays and videoconferencing systems.

This research lab provides the physical and intellectual space for UVic students and international collaborators working with her. Students get first-hand experience collaborating with industrial partners and adjoining labs from other international universities.

## ENGINEERING

<h3>Related Links</h3>

<https://www.youtube.com/watch?v=xgSwKDOYB5M>

### Daniel German

Associate Professor  
Computer Science  
*Phone:* (250) 472-5790  
*E-mail:* [dmg@uvic.ca](mailto:dmg@uvic.ca)  
*Languages:* Spanish

#### *Expertise:*

The study of the evolution of software.  
The study of open source software engineering.  
The impact of the licensing of intellectual property in software development.

<h3>Degrees</h3>

Ph.D. (Waterloo)

### R Horspool

Professor, Director of Undergraduate Studies  
Computer Science

#### *Expertise:*

Implementation of computer programming languages, including compilers and run-time support. Tools to support program development, debugging programs, object-oriented programming and also lossless data compression. Graphical interfaces; Optimization.

<h3>Degrees</h3>

Ph.D.(Toronto)

### Bruce Kapron

Associate Professor  
Computer Science  
*Phone:* (250) 472-5725

#### *Expertise:*

Foundational aspects of computing, in particular the complexity of computing, cryptography and the foundations of computer security, and logic. Logic in computer science, cryptography, foundations of security, verification, computational complexity. Cryptology. Information Technology Security. Logic and Logic Theory. Theory of Computation. Verification.

<h3>Degrees</h3>

Ph.D.(Toronto)

### Ben Koop

Biology  
Biomedical Research  
*Phone:* (250) 472-4071  
*E-mail:* [bkoop@uvic.ca](mailto:bkoop@uvic.ca)

#### *Expertise:*

<h3>Research Description</h3>

Genetic variation and change and its interaction with the environment.

<h3>Expertise Profile</h3>

My interests lie in the fields of molecular biology, genetics and evolution. My research attempts to look at broad molecular evolutionary problems using a very

highly multidisciplinary approach. I currently have three major interest areas: salmon genome project and genes of the immune system, molecular evolution currently targeting the immune system of fishes, and biological informatics. This research involves large scale DNA sequencing technologies, sealice and salmon diseases, population dynamics of migration and refugia of coastal British Columbia.

### Hans Muller

Professor, Associate Dean of Research, PEng  
Computer Science

*Phone:* (250) 472-5719

*E-mail:* [hausi@uvic.ca](mailto:hausi@uvic.ca)

*Languages:* German and Swiss German

#### *Expertise:*

Hausi A. Müller is a Professor in the Department of Computer Science and Associate Dean of Research in the Faculty of Engineering at University of Victoria, Canada. He is Chair of the IEEE Computer Society Technical Council on Software Engineering (TCSE). His research interests include software engineering, software evolution, smarter commerce, self-adaptive and self-managing systems, situation-aware systems, context-aware systems, service-oriented systems, reverse engineering, software reengineering, program understanding, and visualization.

He is a principal investigator in the NSERC Strategic Research Network for Smart Applications on Virtual Infrastructure (SAVI). The main research goal of the SAVI Network is to address the design of future applications platforms built on a flexible, versatile and evolvable infrastructure that can readily deploy, maintain, and retire the large-scale, possibly short-lived, distributed applications that will be typical in the future applications marketplace. The SAVI partnership involves investigators from nine Canadian universities and 13 companies bringing together expertise in networking, cloud computing, applications, and business.

In 2011 Dr. Müller's research team won the IBM Canada CAS Research Project of the Year Award. In 2006 he received the IBM CAS Faculty Fellow of the Year Award, the CSER Outstanding Leadership Award, and a Stevens Citation for his many contributions to the software reverse engineering community. He was the founding Director of BSEng, a CEAB accredited Bachelor of Software Engineering degree program in the Faculty of Engineering. He serves on the Editorial Board of Software Maintenance and Evolution and Software Process: Improvement and Practice (JSME). He served on the Editorial Board of IEEE Transactions on Software Engineering (TSE).

<h3>Degrees</h3>

PhD, Computer Science, Rice University, USA  
MSc, Computer Science, Rice University, USA  
Dipl. El. Ing., Electrical Engineering, Swiss Federal Institute of Technology (ETH Zurich), Switzerland  
PEng, APEGBC, British Columbia, Canada

### <h3>Related Links</h3>

Dr Muller's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=fxd297SVVr0>

### **Frank Ruskey**

Professor  
 Computer Science  
*Phone: (250) 472-5794*

**Expertise:**

Combinatorial Algorithms,  
 Combinatorial Mathematics,  
 Gray Codes,  
 Venn Diagrams, Algorithms, Combinatorial analysis,  
 Combinatorics, Discrete Mathematics, Graph theory,  
 Mathematics, Mathematics of Computing, programming,  
 Software and Development.

### <h3>Degrees</h3>

Ph.D. (Calif., San Diego)

### **W. Andrew Schloss**

Professor  
 Music  
 Computer Science  
*Phone: (250) 721-7931*  
*E-mail: aschloss@uvic.ca*  
*Languages: Spanish*

**Expertise:**

- Electronic and computer music
- Computer-human interaction
- Non-western music
- New musical instruments
- Ethnomusicology

### <h3>Expertise Profile</h3>

Dr. Andrew Schloss combines science and art by experimenting with music using technology.

Dr. Schloss is the co-creator of the combined Music and Computer Science degree program at the University of Victoria. Even in his class on acoustics, which is largely technical, he is still interested in how acoustics can inspire his students as artists.

From the beginning of his career, Dr. Schloss has paid particular attention to the role of the computer in musical performance and has composed several pieces using computers and virtual instruments.

He has a keen interest in new musical instruments and as a percussionist and electronic musician he's a virtuoso on a new instrument called the radiodrum. He has had great success with the instrument, performing across Europe and North America since 1988.

Recently he has developed an interest in music and robotics. He uses a computer to activate robotics that produce acoustic sound live.

Another longstanding interest is the field of public art and

sound art. He has collaborated with numerous artists around the world and most recently worked on translating the tides into sound with a sculpture in False Creek by the Seattle artist Buster Simpson.

His other research interests rest in ethnomusicology, specifically Cuban and West African music.

### <h3>Degrees</h3>

Ph.D. (Stanford)

### <h3>Related Links</h3>

Dr. Schloss' Faces of UVic Research video:  
<http://youtu.be/8VtPnr4WF0w>

<b>COMPUTER SYSTEMS AND ARCHITECTURE</b>
--

### **R Horspool**

Professor, Director of Undergraduate Studies  
 Computer Science

**Expertise:**

Implementation of computer programming languages, including compilers and run-time support. Tools to support program development, debugging programs, object-oriented programming and also lossless data compression. Graphical interfaces; Optimization.

### <h3>Degrees</h3>

Ph.D.(Toronto)

### **Kin Li**

Associate Professor, Computer Engineering Program  
 Director

Electrical and Computer Engineering

*Phone: (250) 721-8683*

*E-mail: kinli@uvic.ca*

*Languages: Cantonese, Mandarin, and some French*

**Expertise:**

Intelligent Systems;  
 Data and Web Mining;  
 Computer Systems;  
 Computer Architecture

### <h3>Degrees</h3>

B.Eng. (Concordia), MBA (U. of Vic.), Ph.D. (Concordia)

P.Eng.

## ENGINEERING

### Hans Muller

Professor, Associate Dean of Research, PEng  
Computer Science

Phone: (250) 472-5719

E-mail: hausi@uvic.ca

Languages: German and Swiss German

#### Expertise:

Hausi A. Müller is a Professor in the Department of Computer Science and Associate Dean of Research in the Faculty of Engineering at University of Victoria, Canada. He is Chair of the IEEE Computer Society Technical Council on Software Engineering (TCSE). His research interests include software engineering, software evolution, smarter commerce, self-adaptive and self-managing systems, situation-aware systems, context-aware systems, service-oriented systems, reverse engineering, software reengineering, program understanding, and visualization.

He is a principal investigator in the NSERC Strategic Research Network for Smart Applications on Virtual Infrastructure (SAVI). The main research goal of the SAVI Network is to address the design of future applications platforms built on a flexible, versatile and evolvable infrastructure that can readily deploy, maintain, and retire the large-scale, possibly short-lived, distributed applications that will be typical in the future applications marketplace. The SAVI partnership involves investigators from nine Canadian universities and 13 companies bringing together expertise in networking, cloud computing, applications, and business.

In 2011 Dr. Müller's research team won the IBM Canada CAS Research Project of the Year Award. In 2006 he received the IBM CAS Faculty Fellow of the Year Award, the CSER Outstanding Leadership Award, and a Stevens Citation for his many contributions to the software reverse engineering community. He was the founding Director of BSEng, a CEAB accredited Bachelor of Software Engineering degree program in the Faculty of Engineering. He serves on the Editorial Board of Software Maintenance and Evolution and Software Process: Improvement and Practice (JSME). He served on the Editorial Board of IEEE Transactions on Software Engineering (TSE).

<h3>Degrees</h3>

PhD, Computer Science, Rice University, USA

MSc, Computer Science, Rice University, USA

Dipl. El. Ing., Electrical Engineering, Swiss Federal Institute of Technology (ETH Zurich), Switzerland

PEng, APEGBC, British Columbia, Canada

<h3>Related Links</h3>

Dr Muller's Faces of UVic Research video:

<http://www.youtube.com/watch?v=fxd297SVVr0>

### Mihai Sima

Assistant Professor

Electrical and Computer Engineering

Phone: (250) 721-8680

E-mail: msima@ece.uvic.ca

Languages: Romanian

#### Expertise:

Reconfigurable Computing,  
Media-Oriented Processors,  
Field-Programmable Logic,  
Embedded Systems,  
Circuit Design,  
Speech Recognition,  
Neural Networks,  
Digital signal processing,  
Design space exploration.

<h3>Degrees</h3>

M.Sc., Ph.D. (Bucharest), Ph.D. (Delft)

### George Tzanetakis

Assistant Professor

Computer Science

Music

Phone: (250) 472-5711

E-mail: gtzan@cs.uvic.ca

Languages: Greek

#### Expertise:

- Music information retrieval
- Computer music
- Audio signal processing
- Machine learning
- Human computer interaction

<h3>Expertise Profile</h3>

If engineering and fine arts seem worlds apart, then take a look at how George Tzanetakis blends the two.

As a computer scientist and the Canada Research Chair in Computer Analysis of Audio and Music, Dr. Tzanetakis is an emerging researcher in music information retrieval - he creates algorithms that instantly extract information from complex audio signals.

This has all sorts of creative applications, from personalized radio systems that recommend music you may like, or audio fingerprinting in mobile phones, which allows you to identify a music piece being played in a coffee shop or a bar.

Dr. Tzanetakis is currently working on analyzing large personal music collections to develop systems that recommend music to a particular user. He wants to expand the technology's capabilities so that computers, listeners and musicians can interact better with each other.

Dr. Tzanetakis, a musician himself, is also developing a robotic percussionist that can improvise with human performers. Although a music ensemble with musicians and computers can be complex, he believes it can also be



rich and dynamic. His curiosity in the field drives him to iron out the wrinkles still present in human-computer interactions.

Working with whale biologists, Dr. Tzanetakis is also involved in building tools to analyze audio vocalizations of killer whales. Working with 20,000 hours of archival data, he is helping to streamline the process by creating algorithms that can mark segments of interest, organize the audio files and recognize various types of orca calls.

In the innovative Computer Science and Music combined program, Dr. Tzanetakis engages his students in real-life projects that push their boundaries and help them understand learned concepts at a deeper level.

### Degrees

Dr. Tzanetakis holds a Ph.D. from Princeton.

### Related Links

Dr. Tzanetakis' Faces of UVic Research video:  
<http://www.youtube.com/watch?v=iRGUK59TTjM>

## COMPUTER-AIDED DESIGN AND MANUFACTURING

### Nikolai Dechev

Associate Professor  
 Mechanical Engineering  
 Biomedical Research  
*Phone:* (250) 721-8933  
*E-mail:* dechev@uvic.ca

#### Expertise:

Engineering design in the application areas of: biomedical systems, upper-limb prosthesis, biomedical implants, microsystems (MEMS) and mechatronics. The research involves: computer aided design (CAD), finite element analysis (FEA), 3D printing, prototype fabrication, testing and analysis.

#### Current Research Projects

- 3D printing and deployment of upper-limb prosthesis in developing countries
- Ultrasound-based measurement of hand tendon motion for advanced prosthesis control
- Implantable EMG sensor and stimulator using wireless power transfer
- Sensor systems for bio-signal detection and analysis.
- Advanced 3D MEMS design & microsystem fabrication.

### Degrees

B.A.Sc. (Toronto) ; M.A.Sc. (Toronto) ; Ph.D. (Toronto), P.Eng.

### Nedjib Djilali

Professor  
 Mechanical Engineering  
 Institute for Integrated Energy Systems  
*Phone:* (250) 721-6034  
*E-mail:* ndjilali@uvic.ca  
*Languages:* French

#### Expertise:

Sustainable Energy Systems;  
 Fuel Cells;  
 Modelling and Experimental Investigation of Complex Flows, Heat and Mass Transfer; Fluid dynamics;  
 Transport Phenomena; Aerospace, aeronautical and automotive engineering; Continuum mechanics; Energy conversion and distribution; Engineering design;  
 Environment and Sustainability; Fluid and ion transport; Hydrodynamics; Kinetic and transport theory of fluids, physical properties of gases; Mathematical modelling; Microfluidics; Pem fuel cells.

### Degrees

B.Sc. (Hertfordshire); M.Sc. (London); D.I.C. (Imperial College); Ph.D. (UBC); P.Eng.

### Related Links

Dr. Djilali's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=UodmQGweXd0>

### Afzal Suleman

Professor  
 Mechanical Engineering  
*Phone:* (250) 721-6039  
*E-mail:* suleman@uvic.ca  
*Languages:* Portuguese and French

#### Expertise:

- Aeronautical, Automotive and Aerospace Engineering,
- Computational Mechanics and Experimental Mechanics,
- Applied Vehicle Technologies
- Solid mechanics
- Multidisciplinary Design optimization
- Fluid-structure interaction-
- Active aeroelastic and morphing aircraft structures
- Ocean energy and technology.

### Expertise Profile

Search and rescue missions could be a lot safer by using small, unmanned aircraft, says engineer Afzal Suleman.

Currently, pilots conduct searches by flying helicopters, often through poor flying conditions or over dangerous terrain such as cliffs. They risk their lives every time they go out. Unmanned aircrafts would reduce the dangers by finding and recording the missing person's location with minimal human interaction, says Dr. Suleman.

Rescuers could then fly directly to the victim, avoiding some of the more perilous situations. "It makes it safer for people participating in the mission, and it's cost-effective. If we lose a small unmanned aircraft, it's not a big deal because they're low-cost machines, but if we lose a person or a big aircraft, then it is a big deal."

## ENGINEERING

Dr. Suleman, working closely with industrial partners and Transport Canada, studies how to make unmanned aircraft more energy-efficient and therefore better suited to run search and rescue missions. He looks for lighter materials and more efficient designs that allow the aircrafts to use less fuel while flying further.

Each year, Dr. Suleman employs up to 10 co-op students to help him with his research at UVic's Centre for Aerospace Research in Sidney, where they work on plane design, manufacturing and instrumentation. "The program works well for them and for us," he says. "This is how we bring our research to undergraduate students."

<h3>Related Links</h3>

Afzal Suleman's Faces of UVic Research video:  
[www.youtube.com/watch?v=cd0P77Kh-YQ](http://www.youtube.com/watch?v=cd0P77Kh-YQ)

## COMPUTERS, SOFTWARE AND NETWORKING

### **Kin Li**

Associate Professor, Computer Engineering Program Director

Electrical and Computer Engineering

Phone: (250) 721-8683

E-mail: [kinli@uvic.ca](mailto:kinli@uvic.ca)

Languages: Cantonese, Mandarin, and some French

#### **Expertise:**

Intelligent Systems;  
Data and Web Mining;  
Computer Systems;  
Computer Architecture

<h3>Degrees</h3>

B.Eng. (Concordia), MBA (U. of Vic.), Ph.D. (Concordia)

P.Eng.

### **Hans Muller**

Professor, Associate Dean of Research, PEng Computer Science

Phone: (250) 472-5719

E-mail: [hausi@uvic.ca](mailto:hausi@uvic.ca)

Languages: German and Swiss German

#### **Expertise:**

Hausi A. Müller is a Professor in the Department of Computer Science and Associate Dean of Research in the Faculty of Engineering at University of Victoria, Canada. He is Chair of the IEEE Computer Society Technical Council on Software Engineering (TCSE). His research interests include software engineering, software evolution, smarter commerce, self-adaptive and self-managing systems, situation-aware systems, context-aware systems, service-oriented systems, reverse engineering, software reengineering, program understanding, and visualization.

He is a principal investigator in the NSERC Strategic Research Network for Smart Applications on Virtual

Infrastructure (SAVI). The main research goal of the SAVI Network is to address the design of future applications platforms built on a flexible, versatile and evolvable infrastructure that can readily deploy, maintain, and retire the large-scale, possibly short-lived, distributed applications that will be typical in the future applications marketplace. The SAVI partnership involves investigators from nine Canadian universities and 13 companies bringing together expertise in networking, cloud computing, applications, and business.

In 2011 Dr. Müller's research team won the IBM Canada CAS Research Project of the Year Award. In 2006 he received the IBM CAS Faculty Fellow of the Year Award, the CSER Outstanding Leadership Award, and a Stevens Citation for his many contributions to the software reverse engineering community. He was the founding Director of BEng, a CEAB accredited Bachelor of Software Engineering degree program in the Faculty of Engineering. He serves on the Editorial Board of Software Maintenance and Evolution and Software Process: Improvement and Practice (JSME). He served on the Editorial Board of IEEE Transactions on Software Engineering (TSE).

<h3>Degrees</h3>

PhD, Computer Science, Rice University, USA  
MSc, Computer Science, Rice University, USA  
Dipl. El. Ing., Electrical Engineering, Swiss Federal Institute of Technology (ETH Zurich), Switzerland  
PEng, APEGBC, British Columbia, Canada

<h3>Related Links</h3>

Dr Muller's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=fxd297SVVr0>

### **Stephen Neville**

Associate Professor

Electrical and Computer Engineering

Phone: (250) 721-6017

E-mail: [sneville@ece.uvic.ca](mailto:sneville@ece.uvic.ca)

#### **Expertise:**

- Cyber-security and cyber-privacy
- Large-scale information systems
- Data Science and Big Data
- Industry applied research collaborations

<h3>Expertise Profile</h3>

Reliable, safe and secure -- that's what we expect from our information technology systems. Yet every day we hear stories of system outages, cyber-attacks and privacy breaches.

Dr. Stephen W. Neville is the founding director of the Centre for Advanced Security, Privacy and Information Systems Research (ASPIRe Centre) at the University of Victoria and he aims to change that.

Dr. Neville's research focuses on the engineering of larger-scale software systems and, particularly, understanding and mitigating their resulting cyber-security

and cyber- privacy challenges.

In his own Information Security and Privacy Research (InSPiRe) Lab, Dr. Neville analyzes data from industry and government systems and converts that data to knowledge, whether it's simply a better theoretical understanding of how a system works or new ways of engineering a better one.

Modern societies depend on these large-scale information systems in everything from social networking to the higher profile sectors of health care, banking, and critical infrastructure systems.

Real world problems faced by industries and governments inform Dr. Neville's work, including issues of security, privacy, reliability, availability and scalability. As such, much of his work involves collaborations with industry.

In concert with Dr. Thomas E. Darcie, Dr. Neville co-supervises and advises student teams within UVic's recently established Entrepreneurial Engineering Masters Project (EEMP) conducted in partnership with the Alacrity Foundation.

EEMP students work with well-established industry leaders to create companies which they will partially own. Dr. Neville's industry experience and applied research focus make him an excellent adviser for the program.

Dr. Neville is a founding member of the Natural Sciences and Engineering Research Council's (NSERC) national cyber-security focused strategic network -- the Interconnected Systems Security Network (ISSNet).

<h3>Related Links</h3>

InSPiRe research lab: <http://www.inspire.ece.uvic.ca/>

### **Mihai Sima**

Assistant Professor  
Electrical and Computer Engineering

*Phone:* (250) 721-8680

*E-mail:* [msima@ece.uvic.ca](mailto:msima@ece.uvic.ca)

*Languages:* Romanian

#### **Expertise:**

Reconfigurable Computing,  
Media-Oriented Processors,  
Field-Programmable Logic,  
Embedded Systems,  
Circuit Design,  
Speech Recognition,  
Neural Networks,  
Digital signal processing,  
Design space exploration.

<h3>Degrees</h3>

M.Sc., Ph.D. (Bucharest), Ph.D. (Delft)

## **CONTROL SYSTEMS**

### **Michael McGuire**

Assistant Professor

Electrical and Computer Engineering

*Phone:* (250) 721-8684

*E-mail:* [mmcguire@uvic.ca](mailto:mmcguire@uvic.ca)

#### **Expertise:**

- Signal processing technologies for advanced wireless networks
- Model-based and adaptive filtering
- Digital signal processing and wireless network control
- Communication and information theory
- Communications networks and systems
- Radar and navigations
- Telecommunication technologies

#### <h3>Expertise Profile</h3>

Early in his career, electrical engineer Michael McGuire noticed that although there were various creative algorithms being invented for computer systems, not many made it to hardware applications that could solve real-life problems.

Combining a background in computer engineering with expertise in electrical engineering, Dr. McGuire studies how digital signals, such as radio and wireless communications, can be captured and directed at specific devices without restricting user mobility, especially amid all the interference in the environment.

For example, GPS technology is quite effective in outdoor environments, but performs very poorly indoors, says Dr. McGuire. His research group is developing techniques to accurately locate handheld communication devices using radio waves, even when the device is indoors. His team has shown that indoor wireless stations can usually be located to within three metres.

At a time when users demand more connectivity, especially as we engage in more video communication, the need for better data processing between communication devices grows.

Dr. McGuire seeks to engineer systems that can allow devices to better connect to wireless frequencies while taking into consideration personal security issues as well as health concerns related to radio waves.

When teaching engineering students, Dr. McGuire engages them in design projects to stress the link between mathematical equations and their applications to real-life problems.

## ENGINEERING

### Hans Muller

Professor, Associate Dean of Research, PEng  
Computer Science

Phone: (250) 472-5719

E-mail: [hausi@uvic.ca](mailto:hausi@uvic.ca)

Languages: German and Swiss German

#### Expertise:

Hausi A. Müller is a Professor in the Department of Computer Science and Associate Dean of Research in the Faculty of Engineering at University of Victoria, Canada. He is Chair of the IEEE Computer Society Technical Council on Software Engineering (TCSE). His research interests include software engineering, software evolution, smarter commerce, self-adaptive and self-managing systems, situation-aware systems, context-aware systems, service-oriented systems, reverse engineering, software reengineering, program understanding, and visualization.

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#### <h3>Degrees</h3>

PhD, Computer Science, Rice University, USA

MSc, Computer Science, Rice University, USA

Dipl. El. Ing., Electrical Engineering, Swiss Federal

Institute of Technology (ETH Zurich), Switzerland

PEng, APEGBC, British Columbia, Canada

#### <h3>Related Links</h3>

Dr Muller's Faces of UVic Research video:

<http://www.youtube.com/watch?v=fxd297SVVr0>

### E. Paul Zehr

School of Exercise Science, Physical and Health Ed  
Biomedical Research

Phone: (250) 721-8379

E-mail: [pzehr@uvic.ca](mailto:pzehr@uvic.ca)

Languages: French, some German, Japanese, Italian and Spanish

#### Expertise:

- Neural control of human movement
- Recovery from stroke and spinal cord injuries
- Role of reflexes in coordination of limbs

#### <h3>Expertise Profile</h3>

We should give our arms more credit when it comes to walking, says Dr. E. Paul Zehr.

Dr. Zehr is a neuroscientist in the Division of Medical Sciences and School of Exercise Science, Physical and Health Education, where he studies how our arms and legs follow the commands of the brain and spinal cord during walking.

He would cement his reputation as a breakthrough scientist by discovering that our arms give our legs a helping hand when we walk.

In one study, Dr. Zehr looked at how arm and leg coordination is changed or lost after the nervous system has been damaged during stroke or a spinal cord injury. He finds that the nervous system has the capacity to change no matter what damage it has endured.

For that matter, Dr. Zehr and his graduate students at UVic applied a mostly forgotten discovery over 100 years ago where exercising the unaffected side of the body after stroke also strengthened the opposite weaker side of the body.

This surprising finding encourages people with neural injuries and mobility issues in rehabilitation to continue to exercise and eventually recover their ability to walk.

Dr. Zehr brings his passion into the classroom by using real-life stories from his research to support understanding of concepts in neuroscience and kinesiology. He also uses examples from pop culture, such as superheroes from action-based comic books, to help students explore creative ways of solving problems.

#### <h3>Related Links</h3>

Dr. Zehr's Faces of UVic Research video:

<http://www.youtube.com/watch?v=1ig3dK-MiPs>

**DIGITAL SIGNAL PROCESSING (DSP)****Peter Driessen**

Electrical and Computer Engineering  
Music

Phone: (250) 721-8688

**Expertise:**

Audio and Video Signal Processing

Computer Music

Wireless Communications

Radio Propagation

Sound Recording

Audio aspects of media

Communications Systems

Multimedia systems and networks

<h3>Degrees</h3>

B.Sc., Ph.D. (British Columbia) P.Eng.

**Michael McGuire**

Assistant Professor

Electrical and Computer Engineering

Phone: (250) 721-8684

E-mail: mmcguire@uvic.ca

**Expertise:**

-Signal processing technologies for advanced wireless networks

-Model-based and adaptive filtering

-Digital signal processing and wireless network control

-Communication and information theory

-Communications networks and systems

-Radar and navigations

-Telecommunication technologies

<h3>Expertise Profile</h3>

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Combining a background in computer engineering with expertise in electrical engineering, Dr. McGuire studies how digital signals, such as radio and wireless communications, can be captured and directed at specific devices without restricting user mobility, especially amid all the interference in the environment.

For example, GPS technology is quite effective in outdoor environments, but performs very poorly indoors, says Dr. McGuire. His research group is developing techniques to accurately locate handheld communication devices using radio waves, even when the device is indoors. His team has shown that indoor wireless stations can usually be located to within three metres.

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devices to better connect to wireless frequencies while taking into consideration personal security issues as well as health concerns related to radio waves.

When teaching engineering students, Dr. McGuire engages them in design projects to stress the link between mathematical equations and their applications to real-life problems.

**Stephen Neville**

Associate Professor

Electrical and Computer Engineering

Phone: (250) 721-6017

E-mail: sneville@ece.uvic.ca

**Expertise:**

- Cyber-security and cyber-privacy

- Large-scale information systems

- Data Science and Big Data

- Industry applied research collaborations

<h3>Expertise Profile</h3>

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In his own Information Security and Privacy Research (InSPiRe) Lab, Dr. Neville analyzes data from industry and government systems and converts that data to knowledge, whether it's simply a better theoretical understanding of how a system works or new ways of engineering a better one.

Modern societies depend on these large-scale information systems in everything from social networking to the higher profile sectors of health care, banking, and critical infrastructure systems.

Real world problems faced by industries and governments inform Dr. Neville's work, including issues of security, privacy, reliability, availability and scalability. As such, much of his work involves collaborations with industry.

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EEMP students work with well-established industry

## ENGINEERING

leaders to create companies which they will partially own. Dr. Neville's industry experience and applied research focus make him an excellent adviser for the program.

Dr. Neville is a founding member of the Natural Sciences and Engineering Research Council's (NSERC) national cyber-security focused strategic network -- the Interconnected Systems Security Network (ISSNet).

### <h3>Related Links</h3>

InSPiRe research lab: <http://www.inspire.ece.uvic.ca/>

### **W. Andrew Schloss**

Professor

Music

Computer Science

Phone: (250) 721-7931

E-mail: [aschloss@uvic.ca](mailto:aschloss@uvic.ca)

Languages: Spanish

#### **Expertise:**

- Electronic and computer music
- Computer-human interaction
- Non-western music
- New musical instruments
- Ethnomusicology

### <h3>Expertise Profile</h3>

Dr. Andrew Schloss combines science and art by experimenting with music using technology.

Dr. Schloss is the co-creator of the combined Music and Computer Science degree program at the University of Victoria. Even in his class on acoustics, which is largely technical, he is still interested in how acoustics can inspire his students as artists.

From the beginning of his career, Dr. Schloss has paid particular attention to the role of the computer in musical performance and has composed several pieces using computers and virtual instruments.

He has a keen interest in new musical instruments and as a percussionist and electronic musician he's a virtuoso on a new instrument called the radiodrum. He has had great success with the instrument, performing across Europe and North America since 1988.

Recently he has developed an interest in music and robotics. He uses a computer to activate robotics that produce acoustic sound live.

Another longstanding interest is the field of public art and sound art. He has collaborated with numerous artists around the world and most recently worked on translating the tides into sound with a sculpture in False Creek by the Seattle artist Buster Simpson.

His other research interests rest in ethnomusicology, specifically Cuban and West African music.

### <h3>Degrees</h3>

Ph.D. (Stanford)

### <h3>Related Links</h3>

Dr. Schloss' Faces of UVic Research video:

<http://youtu.be/8VtPnr4WF0w>

### **Mihai Sima**

Assistant Professor

Electrical and Computer Engineering

Phone: (250) 721-8680

E-mail: [msima@ece.uvic.ca](mailto:msima@ece.uvic.ca)

Languages: Romanian

#### **Expertise:**

Reconfigurable Computing,  
Media-Oriented Processors,  
Field-Programmable Logic,  
Embedded Systems,  
Circuit Design,  
Speech Recognition,  
Neural Networks,  
Digital signal processing,  
Design space exploration.

### <h3>Degrees</h3>

M.Sc., Ph.D. (Bucharest), Ph.D. (Delft)

### **George Tzanetakis**

Assistant Professor

Computer Science

Music

Phone: (250) 472-5711

E-mail: [gtzan@cs.uvic.ca](mailto:gtzan@cs.uvic.ca)

Languages: Greek

#### **Expertise:**

- Music information retrieval
- Computer music
- Audio signal processing
- Machine learning
- Human computer interaction

### <h3>Expertise Profile</h3>

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In the innovative Computer Science and Music combined program, Dr. Tzanetakis engages his students in real-life projects that push their boundaries and help them understand learned concepts at a deeper level.

### Degrees

Dr. Tzanetakis holds a Ph.D. from Princeton.

### Related Links

Dr. Tzanetakis' Faces of UVic Research video:  
<http://www.youtube.com/watch?v=iRGUK59TTjM>

## ELECTRICAL ENGINEERING

### Peter Driessen

Electrical and Computer Engineering  
 Music

Phone: (250) 721-8688

#### Expertise:

- Audio and Video Signal Processing
- Computer Music
- Wireless Communications
- Radio Propagation
- Sound Recording
- Audio aspects of media
- Communications Systems
- Multimedia systems and networks

### Degrees

B.Sc., Ph.D. (British Columbia) P.Eng.

### Michael McGuire

Assistant Professor  
 Electrical and Computer Engineering  
 Phone: (250) 721-8684  
 E-mail: [mmcguire@uvic.ca](mailto:mmcguire@uvic.ca)

#### Expertise:

- Signal processing technologies for advanced wireless networks
- Model-based and adaptive filtering
- Digital signal processing and wireless network control
- Communication and information theory
- Communications networks and systems
- Radar and navigations
- Telecommunication technologies

### Expertise Profile

Early in his career, electrical engineer Michael McGuire noticed that although there were various creative algorithms being invented for computer systems, not many made it to hardware applications that could solve real-life problems.

Combining a background in computer engineering with expertise in electrical engineering, Dr. McGuire studies how digital signals, such as radio and wireless communications, can be captured and directed at specific devices without restricting user mobility, especially amid all the interference in the environment.

For example, GPS technology is quite effective in outdoor environments, but performs very poorly indoors, says Dr. McGuire. His research group is developing techniques to accurately locate handheld communication devices using radio waves, even when the device is indoors. His team has shown that indoor wireless stations can usually be located to within three metres.

At a time when users demand more connectivity, especially as we engage in more video communication, the need for better data processing between communication devices grows.

Dr. McGuire seeks to engineer systems that can allow devices to better connect to wireless frequencies while taking into consideration personal security issues as well as health concerns related to radio waves.

When teaching engineering students, Dr. McGuire engages them in design projects to stress the link between mathematical equations and their applications to real-life problems.

## ENGINEERING

### ELECTRONICS

#### Mihai Sima

Assistant Professor  
Electrical and Computer Engineering  
*Phone:* (250) 721-8680  
*E-mail:* msima@ece.uvic.ca  
*Languages:* Romanian

#### **Expertise:**

Reconfigurable Computing,  
Media-Oriented Processors,  
Field-Programmable Logic,  
Embedded Systems,  
Circuit Design,  
Speech Recognition,  
Neural Networks,  
Digital signal processing,  
Design space exploration.  
<h3>Degrees</h3>  
M.Sc., Ph.D. (Bucharest), Ph.D. (Delft)

### ELECTRONICS AND ENERGY

#### Mihai Sima

Assistant Professor  
Electrical and Computer Engineering  
*Phone:* (250) 721-8680  
*E-mail:* msima@ece.uvic.ca  
*Languages:* Romanian

#### **Expertise:**

Reconfigurable Computing,  
Media-Oriented Processors,  
Field-Programmable Logic,  
Embedded Systems,  
Circuit Design,  
Speech Recognition,  
Neural Networks,  
Digital signal processing,  
Design space exploration.  
<h3>Degrees</h3>  
M.Sc., Ph.D. (Bucharest), Ph.D. (Delft)

### EMBEDDED SYSTEMS

#### Nikolai Dechev

Associate Professor  
Mechanical Engineering  
Biomedical Research  
*Phone:* (250) 721-8933  
*E-mail:* dechev@uvic.ca

#### **Expertise:**

Engineering design in the application areas of: biomedical systems, upper-limb prosthesis, biomedical implants, microsystems (MEMS) and mechatronics. The research involves: computer aided design (CAD), finite element analysis (FEA), 3D printing, prototype fabrication, testing and analysis.

<h3>Current Research Projects</h3>

- 3D printing and deployment of upper-limb prosthesis in developing countries
- Ultrasound-based measurement of hand tendon motion

for advanced prosthesis control

- Implantable EMG sensor and stimulator using wireless power transfer
- Sensor systems for bio-signal detection and analysis.
- Advanced 3D MEMS design & microsystem fabrication.

<h3>Degrees</h3>

B.A.Sc. (Toronto) ; M.A.Sc. (Toronto) ; Ph.D. (Toronto), P.Eng.

#### Kin Li

Associate Professor, Computer Engineering Program  
Director  
Electrical and Computer Engineering  
*Phone:* (250) 721-8683  
*E-mail:* kinli@uvic.ca

*Languages:* Cantonese, Mandarin, and some French

#### **Expertise:**

Intelligent Systems;  
Data and Web Mining;  
Computer Systems;  
Computer Architecture  
<h3>Degrees</h3>  
B.Eng. (Concordia), MBA (U. of Vic.), Ph.D. (Concordia)  
P.Eng.

#### Hans Muller

Professor, Associate Dean of Research, PEng  
Computer Science  
*Phone:* (250) 472-5719  
*E-mail:* hausi@uvic.ca

*Languages:* German and Swiss German

#### **Expertise:**

Hausi A. Müller is a Professor in the Department of Computer Science and Associate Dean of Research in the Faculty of Engineering at University of Victoria, Canada. He is Chair of the IEEE Computer Society Technical Council on Software Engineering (TCSE). His research interests include software engineering, software evolution, smarter commerce, self-adaptive and self-managing systems, situation-aware systems, context-aware systems, service-oriented systems, reverse engineering, software reengineering, program understanding, and visualization.

He is a principal investigator in the NSERC Strategic Research Network for Smart Applications on Virtual Infrastructure (SAVI). The main research goal of the SAVI Network is to address the design of future applications platforms built on a flexible, versatile and evolvable infrastructure that can readily deploy, maintain, and retire the large-scale, possibly short-lived, distributed applications that will be typical in the future applications marketplace. The SAVI partnership involves investigators from nine Canadian universities and 13 companies bringing together expertise in networking, cloud computing, applications, and business.

In 2011 Dr. Müller's research team won the IBM Canada



CAS Research Project of the Year Award. In 2006 he received the IBM CAS Faculty Fellow of the Year Award, the CSER Outstanding Leadership Award, and a Stevens Citation for his many contributions to the software reverse engineering community. He was the founding Director of BSEng, a CEAB accredited Bachelor of Software Engineering degree program in the Faculty of Engineering. He serves on the Editorial Board of Software Maintenance and Evolution and Software Process: Improvement and Practice (JSME). He served on the Editorial Board of IEEE Transactions on Software Engineering (TSE).

<h3>Degrees</h3>

PhD, Computer Science, Rice University, USA  
MSc, Computer Science, Rice University, USA  
Dipl. El. Ing., Electrical Engineering, Swiss Federal Institute of Technology (ETH Zurich), Switzerland  
PEng, APEGBC, British Columbia, Canada

<h3>Related Links</h3>

Dr Muller's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=fxd297SVVr0>

### Mihai Sima

Assistant Professor  
Electrical and Computer Engineering  
*Phone:* (250) 721-8680  
*E-mail:* msima@ece.uvic.ca  
*Languages:* Romanian

#### **Expertise:**

Reconfigurable Computing,  
Media-Oriented Processors,  
Field-Programmable Logic,  
Embedded Systems,  
Circuit Design,  
Speech Recognition,  
Neural Networks,  
Digital signal processing,  
Design space exploration.

<h3>Degrees</h3>

M.Sc., Ph.D. (Bucharest), Ph.D. (Delft)

## ENERGY AND THERMODYNAMICS

### Nedjib Djilali

Professor  
Mechanical Engineering  
Institute for Integrated Energy Systems  
*Phone:* (250) 721-6034  
*E-mail:* ndjilali@uvic.ca  
*Languages:* French

#### **Expertise:**

Sustainable Energy Systems;  
Fuel Cells;  
Modelling and Experimental Investigation of Complex Flows, Heat and Mass Transfer; Fluid dynamics;  
Transport Phenomena; Aerospace, aeronautical and automotive engineering; Continuum mechanics; Energy conversion and distribution; Engineering design;  
Environment and Sustainability; Fluid and ion transport;

Hydrodynamics; Kinetic and transport theory of fluids, physical properties of gases; Mathematical modelling; Microfluidics; Pem fuel cells.

<h3>Degrees</h3>

B.Sc. (Hertfordshire); M.Sc. (London); D.I.C. (Imperial College); Ph.D. (UBC); P.Eng.

<h3>Related Links</h3>

Dr. Djilali's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=UodmQGweXd0>

## FLUIDS AND AERODYNAMICS

### Nedjib Djilali

Professor  
Mechanical Engineering  
Institute for Integrated Energy Systems  
*Phone:* (250) 721-6034  
*E-mail:* ndjilali@uvic.ca

*Languages:* French

#### **Expertise:**

Sustainable Energy Systems;  
Fuel Cells;  
Modelling and Experimental Investigation of Complex Flows, Heat and Mass Transfer; Fluid dynamics;  
Transport Phenomena; Aerospace, aeronautical and automotive engineering; Continuum mechanics; Energy conversion and distribution; Engineering design;  
Environment and Sustainability; Fluid and ion transport;  
Hydrodynamics; Kinetic and transport theory of fluids, physical properties of gases; Mathematical modelling;  
Microfluidics; Pem fuel cells.

<h3>Degrees</h3>

B.Sc. (Hertfordshire); M.Sc. (London); D.I.C. (Imperial College); Ph.D. (UBC); P.Eng.

<h3>Related Links</h3>

Dr. Djilali's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=UodmQGweXd0>

### Sadik Dost

Professor, Canada Research Chair in Semiconductor Crystal Growth  
Mechanical Engineering  
*Phone:* (250) 721-8898  
*E-mail:* sdost@uvic.ca  
*Languages:* Turkish

#### **Expertise:**

Growth of single crystals of semiconductors for various applications including medical imaging devices, x-ray and gamma ray detectors, solar energy conversion, lasers, and infra-red detectors. Transport Phenomena; Modelling; Continuum mechanics; Electronic materials and components; Electronic materials science; Kinetic and transport theory of fluids, physical properties of gases; Mathematical modelling; Semiconductors.

<h3>Degrees</h3>

Dip.Ing., Karadeniz, Turkey; Ph.D., Istanbul; P.Eng.

## ENGINEERING

### Jody Klymak

School of Earth & Ocean Sciences  
Physics & Astronomy  
Phone: (250) 472-5969  
E-mail: jklymak@uvic.ca

#### Expertise:

Oceanography, Fluid Mechanics, Turbulence, Ocean Circulation, Coastal Oceanography.

### Afzal Suleman

Professor  
Mechanical Engineering  
Phone: (250) 721-6039  
E-mail: suleman@uvic.ca  
Languages: Portuguese and French

#### Expertise:

- Aeronautical, Automotive and Aerospace Engineering,
- Computational Mechanics and Experimental Mechanics,
- Applied Vehicle Technologies
- Solid mechanics
- Multidisciplinary Design optimization
- Fluid-structure interaction-
- Active aeroelastic and morphing aircraft structures
- Ocean energy and technology.

#### <h3>Expertise Profile</h3>

Search and rescue missions could be a lot safer by using small, unmanned aircraft, says engineer Afzal Suleman.

Currently, pilots conduct searches by flying helicopters, often through poor flying conditions or over dangerous terrain such as cliffs. They risk their lives every time they go out. Unmanned aircrafts would reduce the dangers by finding and recording the missing person's location with minimal human interaction, says Dr. Suleman.

Rescuers could then fly directly to the victim, avoiding some of the more perilous situations. "It makes it safer for people participating in the mission, and it's cost-effective. If we lose a small unmanned aircraft, it's not a big deal because they're low-cost machines, but if we lose a person or a big aircraft, then it is a big deal."

Dr. Suleman, working closely with industrial partners and Transport Canada, studies how to make unmanned aircraft more energy-efficient and therefore better suited to run search and rescue missions. He looks for lighter materials and more efficient designs that allow the aircrafts to use less fuel while flying further.

Each year, Dr. Suleman employs up to 10 co-op students to help him with his research at UVic's Centre for Aerospace Research in Sidney, where they work on plane design, manufacturing and instrumentation. "The program works well for them and for us," he says. "This is how we bring our research to undergraduate students."

#### <h3>Related Links</h3>

Afzal Suleman's Faces of UVic Research video:  
[www.youtube.com/watch?v=cd0P77Kh-YQ](http://www.youtube.com/watch?v=cd0P77Kh-YQ)

### Ian Walker

Geography  
Phone: (250) 721-7347  
E-mail: ijwalker@uvic.ca

#### Expertise:

<h3>Research Description</h3>

Beach and dune geomorphology

Sedimentary processes

Coastal erosion

Wind (aeolian) processes

<h3>Expertise profile</h3>

Professor Walker is a geomorphologist with expertise in beach and sand dune geomorphology, sedimentary processes, wind (aeolian) processes, and the impacts coastal erosion and sea level changes. Dr. Walker's research takes place on beaches and dunes across north America in Prince Edward Island National Park, Haida Gwaii, Pacific Rim National Park, and Cape Cod National Seashore. This work involves close collaboration with Parks Canada, BC Parks, US National Park Service, the Geological Survey of Canada, and many international colleagues. Dr. Walker directs the Coastal Erosion & Dune Dynamics (CEDD) Laboratory, which studies the erosion, dynamics, and restoration of sandy beach-dune systems and explores linkages to land use changes and climatic change impacts using leading-edge technology and collaborative training opportunities.

<h3>Related Links</h3>

<http://cedd.geog.uvic.ca/>

## MECHANICAL ENGINEERING

### Nikolai Dechev

Associate Professor  
Mechanical Engineering  
Biomedical Research  
Phone: (250) 721-8933  
E-mail: dechev@uvic.ca

#### Expertise:

Engineering design in the application areas of: biomedical systems, upper-limb prosthesis, biomedical implants, microsystems (MEMS) and mechatronics. The research involves: computer aided design (CAD), finite element analysis (FEA), 3D printing, prototype fabrication, testing and analysis.

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- Implantable EMG sensor and stimulator using wireless power transfer

d) Sensor systems for bio-signal detection and analysis.  
 e) Advanced 3D MEMS design & microsystem fabrication.  
 <h3>Degrees</h3>  
 B.A.Sc. (Toronto) ; M.A.Sc. (Toronto) ; Ph.D. (Toronto),  
 P.Eng.

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 Languages: French

#### Expertise:

Sustainable Energy Systems;  
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<http://www.youtube.com/watch?v=UodmQGweXd0>

### Sadik Dost

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 Mechanical Engineering  
 Phone: (250) 721-8898  
 E-mail: sdost@uvic.ca  
 Languages: Turkish

#### Expertise:

Growth of single crystals of semiconductors for various applications including medical imaging devices, x-ray and gamma ray detectors, solar energy conversion, lasers, and infra-red detectors. Transport Phenomena; Modelling; Continuum mechanics; Electronic materials and components; Electronic materials science; Kinetic and transport theory of fluids, physical properties of gases; Mathematical modelling; Semiconductors.  
 <h3>Degrees</h3>  
 Dip.Eng., Karadeniz, Turkey; Ph.D., Istanbul; P.Eng.

### Afzal Suleman

Professor  
 Mechanical Engineering  
 Phone: (250) 721-6039  
 E-mail: suleman@uvic.ca  
 Languages: Portuguese and French  
 Expertise:

- Aeronautical, Automotive and Aerospace Engineering,
- Computational Mechanics and Experimental Mechanics,
- Applied Vehicle Technologies
- Solid mechanics
- Multidisciplinary Design optimization
- Fluid-structure interaction-
- Active aeroelastic and morphing aircraft structures
- Ocean energy and technology.

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#### <h3>Related Links</h3>

Afzal Suleman's Faces of UVic Research video:  
[www.youtube.com/watch?v=cd0P77Kh-YQ](http://www.youtube.com/watch?v=cd0P77Kh-YQ)

## ENGINEERING

### Stephanie Willerth

Assistant Professor  
Mechanical Engineering  
Biomedical Research  
Phone: (250) 721-7303  
E-mail: willerth@uvic.ca

#### Expertise:

- Tissue engineered scaffolds for promoting stem cell differentiation
- Novel drug delivery systems
- Analyzing mechanisms of stem cell differentiation using next generation sequencing

#### <h3>Expertise Profile</h3>

When Dr. Stephanie Willerth was five years old she asked her parents for one of two things for Christmas: a chemistry set or a pair of tickets to a college bowl football game.

Twenty-five years later, Dr. Willerth is an assistant professor in the Biomedical Engineering Program and the head of the University of Victoria's state-of-the-art Willerth Laboratory. She is making advances in a field that has huge medical potential - stem cell bioengineering.

Stem cells are special, powerful cells found in humans and other animals that can replicate into cells to repair and replace damaged tissues.

Stem cell research holds huge potential for the treatment of conditions such as cancer, heart disease and spinal cord injury.

When Dr. Willerth was a graduate student in the US in 2006, her research group was the first to develop a method for studying stem cell behaviour in a 3-D setting. That work used embryonic stem cells, which are the most versatile at reproducing and creating tissue.

At UVic, Dr. Willerth and her team are exploring similar techniques using "pluripotent" adult stem cells, which are adult cells altered to behave like embryonic stem cells.

Dr. Willerth belongs to ICORD (International Collaboration On Repair Discoveries), a BC-based organization dedicated to spinal cord injury research. Her ultimate goal is to restore the function lost to devastating spinal cord injuries.

It may be obvious, but her parents bought her the chemistry set.

#### <h3>Related Links</h3>

Dr. Willerth's Faces of UVic Research video:  
<http://youtu.be/b42bBJUFEMM>

The Willerth Lab website:  
<http://www.engr.uvic.ca/~willerth/index.shtml>

## MUSIC INFORMATION AND SOUND TECHNOLOGY

### George Tzanetakis

Assistant Professor  
Computer Science  
Music  
Phone: (250) 472-5711  
E-mail: gtzan@cs.uvic.ca

Languages: Greek

#### Expertise:

- Music information retrieval
- Computer music
- Audio signal processing
- Machine learning
- Human computer interaction

#### <h3>Expertise Profile</h3>

If engineering and fine arts seem worlds apart, then take a look at how George Tzanetakis blends the two.

As a computer scientist and the Canada Research Chair in Computer Analysis of Audio and Music, Dr. Tzanetakis is an emerging researcher in music information retrieval - he creates algorithms that instantly extract information from complex audio signals.

This has all sorts of creative applications, from personalized radio systems that recommend music you may like, or audio fingerprinting in mobile phones, which allows you to identify a music piece being played in a coffee shop or a bar.

Dr. Tzanetakis is currently working on analyzing large personal music collections to develop systems that recommend music to a particular user. He wants to expand the technology's capabilities so that computers, listeners and musicians can interact better with each other.

Dr. Tzanetakis, a musician himself, is also developing a robotic percussionist that can improvise with human performers. Although a music ensemble with musicians and computers can be complex, he believes it can also be rich and dynamic. His curiosity in the field drives him to iron out the wrinkles still present in human-computer interactions.

Working with whale biologists, Dr. Tzanetakis is also involved in building tools to analyze audio vocalizations of killer whales. Working with 20,000 hours of archival data, he is helping to streamline the process by creating algorithms that can mark segments of interest, organize the audio files and recognize various types of orca calls.

In the innovative Computer Science and Music combined program, Dr. Tzanetakis engages his students in real-life projects that push their boundaries and help them understand learned concepts at a deeper level.

#### <h3>Degrees</h3>

Dr. Tzanetakis holds a Ph.D. from Princeton.

<h3>Related Links</h3>

Dr. Tzanetakis' Faces of UVic Research video:  
<http://www.youtube.com/watch?v=iRGUK59TTjM>

## PARALLEL AND DISTRIBUTED COMPUTING

### Sudhakar Ganti

Assistant Professor  
 Computer Science

Phone: (250) 472-5733

E-mail: [sganti@uvic.ca](mailto:sganti@uvic.ca)

Languages: Telugu and Hindi

#### Expertise:

High-performance networking aspects: Quality-of-Service Issues, Traffic Management, Datapath analysis and design;

Traffic Engineering;

Protocols;

Switching system analysis and design;

Performance studies;

Network design;

Optical Networks;

Queueing Theory;

Trends in data networking, traffic management, quality of service, protocols, routing, traffic engineering, network design, switching architectures, optical networks, performance evaluation, queueing theory. Algorithms; Asynchronous transfer mode; Communication(s) networks, protocols and systems; Data communications, Interconnection networks; Internet; Probability Theory; Simulation Modelling; Stochastic models and processes; Telecommunication and Telecommunications technologies.

<h3>Degrees</h3>

Ph.D. (Ottawa)

### Stephen Neville

Associate Professor  
 Electrical and Computer Engineering

Phone: (250) 721-6017

E-mail: [sneville@ece.uvic.ca](mailto:sneville@ece.uvic.ca)

#### Expertise:

- Cyber-security and cyber-privacy
- Large-scale information systems
- Data Science and Big Data
- Industry applied research collaborations

<h3>Expertise Profile</h3>

Reliable, safe and secure -- that's what we expect from our information technology systems. Yet every day we hear stories of system outages, cyber-attacks and privacy breaches.

Dr. Stephen W. Neville is the founding director of the Centre for Advanced Security, Privacy and Information Systems Research (ASPIRe Centre) at the University of Victoria and he aims to change that.

Dr. Neville's research focuses on the engineering of larger-scale software systems and, particularly, understanding and mitigating their resulting cyber-security and cyber-privacy challenges.

In his own Information Security and Privacy Research (InSPiRe) Lab, Dr. Neville analyzes data from industry and government systems and converts that data to knowledge, whether it's simply a better theoretical understanding of how a system works or new ways of engineering a better one.

Modern societies depend on these large-scale information systems in everything from social networking to the higher profile sectors of health care, banking, and critical infrastructure systems.

Real world problems faced by industries and governments inform Dr. Neville's work, including issues of security, privacy, reliability, availability and scalability. As such, much of his work involves collaborations with industry.

In concert with Dr. Thomas E. Darcie, Dr. Neville co-supervises and advises student teams within UVic's recently established Entrepreneurial Engineering Masters Project (EEMP) conducted in partnership with the Alacrity Foundation.

EEMP students work with well-established industry leaders to create companies which they will partially own. Dr. Neville's industry experience and applied research focus make him an excellent adviser for the program.

Dr. Neville is a founding member of the Natural Sciences and Engineering Research Council's (NSERC) national cyber-security focused strategic network -- the Interconnected Systems Security Network (ISSNet).

<h3>Related Links</h3>

InSPiRe research lab: <http://www.inspire.ece.uvic.ca/>

## PERVASIVE SYSTEMS

### Hans Muller

Professor, Associate Dean of Research, PEng  
 Computer Science

Phone: (250) 472-5719

E-mail: [hausi@uvic.ca](mailto:hausi@uvic.ca)

Languages: German and Swiss German

#### Expertise:

Hausi A. Müller is a Professor in the Department of Computer Science and Associate Dean of Research in the Faculty of Engineering at University of Victoria, Canada. He is Chair of the IEEE Computer Society Technical Council on Software Engineering (TCSE). His research interests include software engineering, software evolution, smarter commerce, self-adaptive and self-managing systems, situation-aware systems, context-aware systems, service-oriented systems, reverse engineering, software

## ENGINEERING

reengineering, program understanding, and visualization.

He is a principal investigator in the NSERC Strategic Research Network for Smart Applications on Virtual Infrastructure (SAVI). The main research goal of the SAVI Network is to address the design of future applications platforms built on a flexible, versatile and evolvable infrastructure that can readily deploy, maintain, and retire the large-scale, possibly short-lived, distributed applications that will be typical in the future applications marketplace. The SAVI partnership involves investigators from nine Canadian universities and 13 companies bringing together expertise in networking, cloud computing, applications, and business.

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<h3>Degrees</h3>

PhD, Computer Science, Rice University, USA  
MSc, Computer Science, Rice University, USA  
Dipl. El. Ing., Electrical Engineering, Swiss Federal Institute of Technology (ETH Zurich), Switzerland  
PEng, APEGBC, British Columbia, Canada

<h3>Related Links</h3>

Dr Muller's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=fxd297SVVr0>

## ROBOTICS, MECHANISMS AND MECHATRONICS

### Nikolai Dechev

Associate Professor  
Mechanical Engineering  
Biomedical Research  
*Phone:* (250) 721-8933  
*E-mail:* [dechev@uvic.ca](mailto:dechev@uvic.ca)

#### **Expertise:**

Engineering design in the application areas of: biomedical systems, upper-limb prosthesis, biomedical implants, microsystems (MEMS) and mechatronics. The research involves: computer aided design (CAD), finite element analysis (FEA), 3D printing, prototype fabrication, testing and analysis.

<h3>Current Research Projects</h3>

- 3D printing and deployment of upper-limb prosthesis in developing countries
- Ultrasound-based measurement of hand tendon motion for advanced prosthesis control

- Implantable EMG sensor and stimulator using wireless power transfer
- Sensor systems for bio-signal detection and analysis.
- Advanced 3D MEMS design & microsystem fabrication.

<h3>Degrees</h3>

B.A.Sc. (Toronto) ; M.A.Sc. (Toronto) ; Ph.D. (Toronto), P.Eng.

### Afzal Suleman

Professor  
Mechanical Engineering  
*Phone:* (250) 721-6039  
*E-mail:* [suleman@uvic.ca](mailto:suleman@uvic.ca)  
*Languages:* Portuguese and French

#### **Expertise:**

- Aeronautical, Automotive and Aerospace Engineering,
- Computational Mechanics and Experimental Mechanics,
- Applied Vehicle Technologies
- Solid mechanics
- Multidisciplinary Design optimization
- Fluid-structure interaction-
- Active aeroelastic and morphing aircraft structures
- Ocean energy and technology.

<h3>Expertise Profile</h3>

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Rescuers could then fly directly to the victim, avoiding some of the more perilous situations. "It makes it safer for people participating in the mission, and it's cost-effective. If we lose a small unmanned aircraft, it's not a big deal because they're low-cost machines, but if we lose a person or a big aircraft, then it is a big deal."

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<h3>Related Links</h3>

Afzal Suleman's Faces of UVic Research video:  
[www.youtube.com/watch?v=cd0P77Kh-YQ](http://www.youtube.com/watch?v=cd0P77Kh-YQ)

## SOFTWARE ENGINEERING AND SYSTEMS

### Daniel German

Associate Professor  
Computer Science  
Phone: (250) 472-5790  
E-mail: dm@uvic.ca  
Languages: Spanish

#### Expertise:

The study of the evolution of software.  
The study of open source software engineering.  
The impact of the licensing of intellectual property in software development.  
<h3>Degrees</h3>  
Ph.D. (Waterloo)

### R Horspool

Professor, Director of Undergraduate Studies  
Computer Science

#### Expertise:

Implementation of computer programming languages, including compilers and run-time support. Tools to support program development, debugging programs, object-oriented programming and also lossless data compression. Graphical interfaces; Optimization.  
<h3>Degrees</h3>  
Ph.D.(Toronto)

### Hans Muller

Professor, Associate Dean of Research, PEng  
Computer Science  
Phone: (250) 472-5719  
E-mail: hausi@uvic.ca

Languages: German and Swiss German

#### Expertise:

Hausi A. Müller is a Professor in the Department of Computer Science and Associate Dean of Research in the Faculty of Engineering at University of Victoria, Canada. He is Chair of the IEEE Computer Society Technical Council on Software Engineering (TCSE). His research interests include software engineering, software evolution, smarter commerce, self-adaptive and self-managing systems, situation-aware systems, context-aware systems, service-oriented systems, reverse engineering, software reengineering, program understanding, and visualization.

He is a principal investigator in the NSERC Strategic Research Network for Smart Applications on Virtual Infrastructure (SAVI). The main research goal of the SAVI Network is to address the design of future applications platforms built on a flexible, versatile and evolvable infrastructure that can readily deploy, maintain, and retire the large-scale, possibly short-lived, distributed applications that will be typical in the future applications marketplace. The SAVI partnership involves investigators from nine Canadian universities and 13 companies bringing together expertise in networking, cloud computing, applications, and business.

In 2011 Dr. Müller's research team won the IBM Canada CAS Research Project of the Year Award. In 2006 he received the IBM CAS Faculty Fellow of the Year Award, the CSER Outstanding Leadership Award, and a Stevens Citation for his many contributions to the software reverse engineering community. He was the founding Director of BSEng, a CEAB accredited Bachelor of Software Engineering degree program in the Faculty of Engineering. He serves on the Editorial Board of Software Maintenance and Evolution and Software Process: Improvement and Practice (JSME). He served on the Editorial Board of IEEE Transactions on Software Engineering (TSE).

<h3>Degrees</h3>

PhD, Computer Science, Rice University, USA  
MSc, Computer Science, Rice University, USA  
Dipl. El. Ing., Electrical Engineering, Swiss Federal Institute of Technology (ETH Zurich), Switzerland  
PEng, APEGBC, British Columbia, Canada

<h3>Related Links</h3>

Dr Muller's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=fxd297SVVr0>

### Stephen Neville

Associate Professor  
Electrical and Computer Engineering  
Phone: (250) 721-6017  
E-mail: sneville@ece.uvic.ca

#### Expertise:

- Cyber-security and cyber-privacy
- Large-scale information systems
- Data Science and Big Data
- Industry applied research collaborations

<h3>Expertise Profile</h3>

Reliable, safe and secure -- that's what we expect from our information technology systems. Yet every day we hear stories of system outages, cyber-attacks and privacy breaches.

Dr. Stephen W. Neville is the founding director of the Centre for Advanced Security, Privacy and Information Systems Research (ASPIRe Centre) at the University of Victoria and he aims to change that.

Dr. Neville's research focuses on the engineering of larger-scale software systems and, particularly, understanding and mitigating their resulting cyber-security and cyber-privacy challenges.

In his own Information Security and Privacy Research (InSPiRe) Lab, Dr. Neville analyzes data from industry and government systems and converts that data to knowledge, whether it's simply a better theoretical understanding of how a system works or new ways of engineering a better one.

Modern societies depend on these large-scale information

## ENGINEERING

systems in everything from social networking to the higher profile sectors of health care, banking, and critical infrastructure systems.

Real world problems faced by industries and governments inform Dr. Neville's work, including issues of security, privacy, reliability, availability and scalability. As such, much of his work involves collaborations with industry.

In concert with Dr. Thomas E. Darcie, Dr. Neville co-supervises and advises student teams within UVic's recently established Entrepreneurial Engineering Masters Project (EEMP) conducted in partnership with the Alacrity Foundation.

EEMP students work with well-established industry leaders to create companies which they will partially own. Dr. Neville's industry experience and applied research focus make him an excellent adviser for the program.

Dr. Neville is a founding member of the Natural Sciences and Engineering Research Council's (NSERC) national cyber-security focused strategic network -- the Interconnected Systems Security Network (ISSNet).

<h3>Related Links</h3>  
InSPiRe research lab: <http://www.inspire.ece.uvic.ca/>

## STRUCTURAL ENGINEERING

### Afzal Suleman

Professor  
Mechanical Engineering  
Phone: (250) 721-6039  
E-mail: [suleman@uvic.ca](mailto:suleman@uvic.ca)  
Languages: Portuguese and French

#### Expertise:

- Aeronautical, Automotive and Aerospace Engineering,
- Computational Mechanics and Experimental Mechanics,
- Applied Vehicle Technologies
- Solid mechanics
- Multidisciplinary Design optimization
- Fluid-structure interaction-
- Active aeroelastic and morphing aircraft structures
- Ocean energy and technology.

#### <h3>Expertise Profile</h3>

Search and rescue missions could be a lot safer by using small, unmanned aircraft, says engineer Afzal Suleman.

Currently, pilots conduct searches by flying helicopters, often through poor flying conditions or over dangerous terrain such as cliffs. They risk their lives every time they go out. Unmanned aircrafts would reduce the dangers by finding and recording the missing person's location with minimal human interaction, says Dr. Suleman.

Rescuers could then fly directly to the victim, avoiding some of the more perilous situations. "It makes it safer for people participating in the mission, and it's cost-effective. If we lose a small unmanned aircraft, it's not a big deal

because they're low-cost machines, but if we lose a person or a big aircraft, then it is a big deal."

Dr. Suleman, working closely with industrial partners and Transport Canada, studies how to make unmanned aircraft more energy-efficient and therefore better suited to run search and rescue missions. He looks for lighter materials and more efficient designs that allow the aircrafts to use less fuel while flying further.

Each year, Dr. Suleman employs up to 10 co-op students to help him with his research at UVic's Centre for Aerospace Research in Sidney, where they work on plane design, manufacturing and instrumentation. "The program works well for them and for us," he says. "This is how we bring our research to undergraduate students."

#### <h3>Related Links</h3>

Afzal Suleman's Faces of UVic Research video:  
[www.youtube.com/watch?v=cd0P77Kh-YQ](http://www.youtube.com/watch?v=cd0P77Kh-YQ)

## THERMOFLUIDS AND TRANSPORT PHENOMENA

### Nedjib Djilali

Professor  
Mechanical Engineering  
Institute for Integrated Energy Systems  
Phone: (250) 721-6034  
E-mail: [ndjilali@uvic.ca](mailto:ndjilali@uvic.ca)  
Languages: French

#### Expertise:

Sustainable Energy Systems;  
Fuel Cells;  
Modelling and Experimental Investigation of Complex Flows, Heat and Mass Transfer; Fluid dynamics;  
Transport Phenomena; Aerospace, aeronautical and automotive engineering; Continuum mechanics; Energy conversion and distribution; Engineering design;  
Environment and Sustainability; Fluid and ion transport; Hydrodynamics; Kinetic and transport theory of fluids, physical properties of gases; Mathematical modelling; Microfluidics; Pem fuel cells.

#### <h3>Degrees</h3>

B.Sc. (Hertfordshire); M.Sc. (London); D.I.C. (Imperial College); Ph.D. (UBC); P.Eng.

#### <h3>Related Links</h3>

Dr. Djilali's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=UodmQGweXd0>



**Sadik Dost**

Professor, Canada Research Chair in Semiconductor  
Crystal Growth

Mechanical Engineering

*Phone:* (250) 721-8898

*E-mail:* sdost@uvic.ca

*Languages:* Turkish

***Expertise:***

Growth of single crystals of semiconductors for various applications including medical imaging devices, x-ray and gamma ray detectors, solar energy conversion, lasers, and infra-red detectors. Transport Phenomena; Modelling; Continuum mechanics; Electronic materials and components; Electronic materials science; Kinetic and transport theory of fluids, physical properties of gases; Mathematical modelling; Semiconductors.

**Degrees**

Dip.Ing., Karadeniz, Turkey; Ph.D., Istanbul; P.Eng.

# ENVIRONMENT/NATURAL RESOURCES

## CLIMATE

### Robert Gifford

Professor

Psychology

School of Environmental Studies

Phone: (250) 721-7532

E-mail: rgifford@uvic.ca

#### Expertise:

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

<h3>Expertise Profile</h3>

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

Today his focus has moved more towards the psychology of sustainability.

Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook Environmental Psychology: Principles and Practice and is the editor of the Journal of Environmental Psychology.

<h3>Related Links</h3>

The Environmental, Social and Personality Lab:  
<http://web.uvic.ca/~esplab/>

### Stephen Johnston

School of Earth & Ocean Sciences

E-mail: stj@uvic.ca

Languages: un petit peu francais, y lo mismo por Espanol

#### Expertise:

<h3>Research Description</h3>

Origin of mountain belts

Earth's ever changing paleogeography

The role of mountain belts in the growth of continents, the evolution of the biosphere and the development of our atmosphere

<h3>Expertise Profile</h3>

I research the origin and evolution of mountain belts, including addressing their role in the growth of continents and the evolution of the biosphere and the atmosphere, using their development as a constraint on Earth's ever changing paleogeography.

My research is rooted in field-based geological mapping of key parts of mountain belts, both modern and ancient. Multidisciplinary studies, including geophysical investigations and geochemical and geochronological analyses are utilized to further constrain the geometry and evolution of mountain belts. Models of development and evolution of ancient earth crust are tested against (1) tectonically active modern analogues, including the Apennines of southern Italy, and the Melanesian region of the southwest Pacific, and (2) geodynamic, geometric, climate and thermal models.

### Stanley Juniper

Professor

School of Earth & Ocean Sciences

Biology

NEPTUNE

Phone: (250) 472-5379

E-mail: kjuniper@uvic.ca

Languages: French

#### Expertise:

- Ecology and biogeochemistry of deep-sea hydrothermal vents
- Microbial ecology
- Marine conservation
- Deep-sea ecosystems of the arctic

<h3>Expertise Profile</h3>

Microbes matter - we don't see them but we couldn't live without them, says Kim Juniper, an internationally renowned marine ecologist who studies how seasonal and climatic cycles affect the ecology of the ocean floor.

Trained in marine microbiology, Dr. Juniper is well-known for his primary research on the biogeochemistry and ecology of submarine hydrothermal vents.

His work uncovered that high-temperature bacteria decompose the toxic chemicals emitted by the vents, providing energy and nutrients for lush biological communities to thrive there.

More recently, his area of research involves the innovative use of new generations of underwater sensors and imaging devices centrally-controlled at UVic's leading underwater observatories VENUS and NEPTUNE, where he directs the scientific research teams.

Partnered with Oceans Network Canada, NEPTUNE is a ring of six research stations off the west coast of Vancouver Island, connected in real-time on the Internet through fibre optic cables. VENUS, its sister project, has deep sea installations located near Victoria and Vancouver.

One laboratory project aims at better understanding the nitrogen cycle in the ocean, starting with plankton - tiny drifting plants and animals that consume nitrogen for productivity. When plankton sink to the ocean floor, they become the primary food source for seafloor ecosystems, allowing microbes, fish and marine mammals to grow and diversify.

By tracking live data on how nitrogen or carbon cycles work in today's changing oceans, Dr. Juniper and his team can predict what future oceans will look like and where resources such as fisheries will be.

He is already advising the UN with insights from his research to regulate pressing issues such as deep sea mining and extracting genetic resources from the deep sea.

When with students, Dr. Juniper likes them to make their own discoveries by analyzing real-life data and critically challenging published results.

### Related Links

LinkedIn Kim Juniper  
<http://ca.linkedin.com/pub/kim-juniper/19/210/745>

Twitter: <https://twitter.com/skjuniper>

Faces of UVic Research Video:  
[http://www.youtube.com/watch?v=bFB67lzWK\\_8](http://www.youtube.com/watch?v=bFB67lzWK_8)

### Jody Klymak

School of Earth & Ocean Sciences  
 Physics & Astronomy  
 Phone: (250) 472-5969  
 E-mail: [jklymak@uvic.ca](mailto:jklymak@uvic.ca)

#### Expertise:

Oceanography, Fluid Mechanics, Turbulence, Ocean Circulation, Coastal Oceanography.

### Asit Mazumder

NSERC Industry Research Chair  
 Biology  
 Phone: (472) 4789  
 E-mail: [mazumder@uvic.ca](mailto:mazumder@uvic.ca)

Languages: French, a little Spanish, and Bengali

#### Expertise:

Research Description

Ecology of freshwater and marine ecosystems in fisheries and water quality

#### Expertise Profile

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

#### Related Links

<http://www.uvic.ca/water/>

### Adam Monahan

School of Earth & Ocean Sciences  
 Phone: (250) 472-5075

#### Expertise:

My research is in the area of Climate Dynamics, in particular the effects of interactions between different space and time scales in the climate system. Research interests include large-scale variability of the ocean and atmosphere, variability and predictability of surface winds, understanding the relationship between statistical and physical descriptions of climate variability, stochastic dynamics, and the mathematics of climate modeling.

## ENVIRONMENT/NATURAL RESOURCES

### **Thomas Pedersen**

School of Earth & Ocean Sciences

Phone: (250) 217-3641

Languages: Limited French

#### **Expertise:**

The marine carbon cycle.  
Climate policy in British Columbia and elsewhere.

#### <h3>Expertise Profile</h3>

Paleoceanography, in which geochemical and isotopic variations found in marine sediments are used to interpret climate and oceanographic history. The chemical behaviour of mine wastes in the sea and in lakes.

#### <h3>Related Links</h3>

<http://pics.uvic.ca/>

Twitter: @PICSCanada

### **Vera Pospelova**

School of Earth & Ocean Sciences

Earth and Ocean Sciences

Phone: (250) 721-6314

E-mail: [vpospe@uvic.ca](mailto:vpospe@uvic.ca)

Languages: Russian

#### **Expertise:**

Understanding of causes and mechanisms of environmental change, whether it is related to climate change, or ecosystem degradation due to natural variability, or anthropogenic activity, requires compilation of environmental data that span beyond the period of instrumental measurements. If long-term monitoring measurements are scarce or unavailable, such information could be obtained only by studying (paleo)proxies from sedimentary records. My group is using organic-walled microfossils (dinoflagellate cysts, foraminiferal organic linings, pollen and spores, etc.) and geochemical proxies as indicators of past and present environmental conditions.

### **Real Roy**

Biology

Phone: (250) 472-5071

E-mail: [realroy@uvic.ca](mailto:realroy@uvic.ca)

Languages: French

#### **Expertise:**

My research focus is on the ecology and diversity of bacteria in the natural environment. I am currently doing research on bacteria that can grow from methane gas, a greenhouse gas emitted in landfill soils. I am also interested in soil bacteria that transforms nitrogen, an important plant nutrient.

### **Brian Starzomski**

Ian McTaggart Cowan Professor of Biodiversity Conservation and Ecological Restoration

School of Environmental Studies

Phone: (250) 853-3564

E-mail: [starzom@uvic.ca](mailto:starzom@uvic.ca)

#### **Expertise:**

- Biodiversity structure and dynamics
- Novel ecosystems
- Ecological monitoring
- Determinants of local diversity in light of climate change

#### <h3>Expertise Profile</h3>

The province of BC is the last "best place on earth" for many plant and animal species. In fact, fully half of all species in Canada call BC home.

Yet climate change and human interference threaten to reduce those numbers drastically.

Dr. Brian Starzomski studies biodiversity in the landscape, its resilience and how best to minimize the threats that plant and animal species face.

He is the winner of the prestigious Ian McTaggart-Cowan Professorship of Biodiversity, Conservation and Ecological Restoration in the School of Environmental Studies at the University of Victoria.

Dr. Starzomski and his lab team work mainly in the field, conducting experiments and observational studies to look at changes in community pattern and structure.

The majority of his work focuses on alpine plant communities in the Coast Mountains of southwestern British Columbia and the blanket bog ecosystems of the Central Coast.

Much of the latter research is funded by the Hakai Beach Institute on the Central Coast, where Dr. Starzomski also teaches some of his undergraduate UVic classes.

In the School of Environmental Studies, he collaborates with Dr. Eric Higgs on the Mountain Legacy Project. They replicate photos taken over 80 years ago to compare and study change in mountain environments.

Dr. Starzomski is part of Ecology@UVic, an effort to unite ecologists across campus, providing a forum that fosters discussion, problem-solving, and collaboration, culminating in outstanding ecological research. &#8232;

#### <h3>Related Links</h3>

Dr. Starzomski's Faces of UVic Research video:  
<http://youtu.be/juGant1tEyc>

The Starzomski Lab: <http://web.uvic.ca/~starzom/>

The Mountain Legacy Project: <http://mountainlegacy.ca/>

**Ian Walker**

Geography

Phone: (250) 721-7347

E-mail: [ijwalker@uvic.ca](mailto:ijwalker@uvic.ca)

**Expertise:**

<h3>Research Description</h3>

Beach and dune geomorphology

Sedimentary processes

Coastal erosion

Wind (aeolian) processes

<h3>Expertise profile</h3>

Professor Walker is a geomorphologist with expertise in beach and sand dune geomorphology, sedimentary processes, wind (aeolian) processes, and the impacts coastal erosion and sea level changes. Dr. Walker's research takes place on beaches and dunes across north America in Prince Edward Island National Park, Haida Gwaii, Pacific Rim National Park, and Cape Cod National Seashore. This work involves close collaboration with Parks Canada, BC Parks, US National Park Service, the Geological Survey of Canada, and many international colleagues. Dr. Walker directs the Coastal Erosion & Dune Dynamics (CEDD) Laboratory, which studies the erosion, dynamics, and restoration of sandy beach-dune systems and explores linkages to land use changes and climatic change impacts using leading-edge technology and collaborative training opportunities.

<h3>Related Links</h3>

<http://cedd.geog.uvic.ca/>

**CONSERVATION**

**Christopher Darimont**

Hakai-Raincoast Conservation Scholar

Geography

E-mail: [darimont@uvic.ca](mailto:darimont@uvic.ca)

**Expertise:**

<h3>Research Description</h3>

Chris Darimont is an interdisciplinary conservation scientist who applies natural and social science tools to confront conservation problems that are both conceptually interesting and acutely applied. Although Chris and his fledgling lab group have broad scholarly interests, they maintain three primary research domains: i) landscape ecology at the marine-terrestrial interface, ii) conservation biology of harvest management, and iii) conservation ethics.

<h3>Expertise Profile</h3>

The wildlife and people of the central coast of British

Columbia – an area popularly known as the Great Bear Rainforest – comprise a study system of particular interest. While this geographic focus invokes a strong sense of place, the research is designed to have a global reach.

Chris' interdisciplinary roots can be traced to broad training and a wide network of collaborators. After earning a PhD in Evolution and Ecology from the University of Victoria, his postdoctoral work took him to the University of California, Santa Cruz, and a large group of research partners conservation leaders from First Nations communities of coastal British Columbia. He maintains these important relationships, which guide his research interests. Although many conceive these collaborations as opportunities to develop the capacity of First Nations, Chris views them as prospects to develop his own capacity as an applied scholar. Finally, much of Dr. Darimont's development can be traced to his long-term affiliation with the science-based eNGO Raincoast Conservation Foundation, having served as its Director of Science.

This background has cultivated in Chris a sense of responsibility to engage in outreach. His work is commonly featured in high-profile media (e.g., National Geographic television, New York Times).

<h3>Related Links</h3>

<http://www.web.uvic.ca/~darimont/>

<http://geography.uvic.ca/people/faculty/darimont.php>

TWITTER@chrisdarimont

**Philip Dearden**

Professor

Geography

Phone: (250) 721-7335

E-mail: [profdearden@gmail.com](mailto:profdearden@gmail.com)

Languages: Thai

**Expertise:**

- Conservation
  - Ecotourism with a special focus on communities and protected areas
  - Marine protected areas in the tropics and Canada
  - Marine wildlife tourism
  - Climate change
  - Marine protected areas in tropics and Canada
- <h3>Expertise Profile</h3>

The 2014 Living Planet Index shows that species' populations have dropped by 50 percent since 1970. With increasing numbers of species on the World Endangered List, many scientists feel we are on the brink of a major mass extinction. The oceans are particularly vulnerable because global protection mechanisms, such as national parks, are not as well developed as on the terrestrial areas of the globe, with under 3 percent protected.

## ENVIRONMENT/NATURAL RESOURCES

We rely on the ocean's biodiversity: even the smallest organisms like phytoplankton are important. "We would not be breathing oxygen now if it wasn't for the phytoplankton in the ocean. Every second breath you take comes from the ocean," Geographer Dr. Philip Dearden says.

Dr. Dearden studies the biodiversity of terrestrial and marine environments, but he focuses on marine environments because of the lack of adequate protective mechanisms, his main area of research expertise.

For over forty years, he has worked with communities and organizations across the world to implement sustainable practises. He says conservation is mostly about human behaviour modifications: "We work with communities, and we see how we can lessen their impact and yet build them sustainable livelihoods." Much of his work is concentrated in the tropics where the pressures on biodiversity are the strongest and his research teams have worked in Ghana, Tanzania, Mexico, Sri Lanka, India and throughout Southeast Asia.

In Thailand, Dr. Dearden shows fishermen the economic value of preserving coral for tourism. Often, fishermen dynamite reefs to stun the fish and make them float to the surface, but this also blasts the coral. Dr. Dearden and his team work with those communities to prove that they can make more money by giving dive tours than by dynamiting coral for fish. He says, "We replace a destructive practice with tourism, but then we also have to ensure that tourism is well-managed." A rapidly emerging problem is climate change as the reefs die due to higher water temperatures and Dr. Dearden's team are examining ways to make marine protected areas and communities more resilient to these changes.

### <h3>Related Links</h3>

<http://people.geog.uvic.ca/?q=pdearden>

Faces of UVic Research video:

<http://www.youtube.com/watch?v=3XvD7eNMKoM>

### **Robert Gifford**

Professor

Psychology

School of Environmental Studies

Phone: (250) 721-7532

E-mail: [rgifford@uvic.ca](mailto:rgifford@uvic.ca)

#### **Expertise:**

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

<h3>Expertise Profile</h3>

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

Today his focus has moved more towards the psychology of sustainability.

Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook *Environmental Psychology: Principles and Practice* and is the editor of the *Journal of Environmental Psychology*.

### <h3>Related Links</h3>

The Environmental, Social and Personality Lab:

<http://web.uvic.ca/~esplab/>

### **Eric Higgs**

School of Environmental Studies

Phone: (250) 721-8228

E-mail: [ehiggs@uvic.ca](mailto:ehiggs@uvic.ca)

#### **Expertise:**

- Ecological Restoration
- Philosophy of Ecological Restoration
- Policy and Practice of Ecological Restoration (especially in mountain regions and protected areas)
- Historical Ecology, including Cultural and Ecological Change
- Repeat Photography
- Philosophy of Technology

### <h3>Expertise Profile</h3>

Climate change, species extinction and extreme weather are rapidly changing the face of our planet.

Dr. Eric Higgs concentrates on how we can help

ecosystems recover from that change.

His integrative approach to ecological restoration draws on resources from philosophy, anthropology and ecology.

Dr. Higgs is trained as a philosopher and ecological planner and uses both to look at the conceptual and ethical issues involved in restoring ecosystems. What responsibility do we as humans have? What intervention methods should we use?

As a professor and former director of the University of Victoria's School of Environmental Studies, Dr. Higgs uses a combination of fieldwork and interdisciplinary learning in many of his undergraduate and graduate classes.

He helms the Mountain Legacy Project, where students and researchers venture to the tops of peaks across BC and Alberta. There, they replicate photos taken over 80 years ago to compare and study change in these mountain environments.

The project makes policy recommendations to bodies such as Parks Canada and the Government of Alberta.

His current research interests include nature and technology, novel and hybrid ecosystems, and cultural changes in the way we value nature.

Future projects include a sequel to Nature by Design, his oft-cited book on how we think about ecological restoration.

<h3>Related Links</h3>

Dr. Higgs' Faces of UVic Research video:

<http://youtu.be/38GjawDgguA>

### Stanley Juniper

Professor

School of Earth & Ocean Sciences

Biology

NEPTUNE

Phone: (250) 472-5379

E-mail: [kjuniper@uvic.ca](mailto:kjuniper@uvic.ca)

Languages: French

#### Expertise:

- Ecology and biogeochemistry of deep-sea hydrothermal vents
- Microbial ecology
- Marine conservation
- Deep-sea ecosystems of the arctic

<h3>Expertise Profile</h3>

Microbes matter - we don't see them but we couldn't live without them, says Kim Juniper, an internationally renowned marine ecologist who studies how seasonal and climatic cycles affect the ecology of the ocean floor.

Trained in marine microbiology, Dr. Juniper is

well-known for his primary research on the biogeochemistry and ecology of submarine hydrothermal vents.

His work uncovered that high-temperature bacteria decompose the toxic chemicals emitted by the vents, providing energy and nutrients for lush biological communities to thrive there.

More recently, his area of research involves the innovative use of new generations of underwater sensors and imaging devices centrally-controlled at UVic's leading underwater observatories VENUS and NEPTUNE, where he directs the scientific research teams.

Partnered with Oceans Network Canada, NEPTUNE is a ring of six research stations off the west coast of Vancouver Island, connected in real-time on the Internet through fibre optic cables. VENUS, its sister project, has deep sea installations located near Victoria and Vancouver.

One laboratory project aims at better understanding the nitrogen cycle in the ocean, starting with plankton - tiny drifting plants and animals that consume nitrogen for productivity. When plankton sink to the ocean floor, they become the primary food source for seafloor ecosystems, allowing microbes, fish and marine mammals to grow and diversify.

By tracking live data on how nitrogen or carbon cycles work in today's changing oceans, Dr. Juniper and his team can predict what future oceans will look like and where resources such as fisheries will be.

He is already advising the UN with insights from his research to regulate pressing issues such as deep sea mining and extracting genetic resources from the deep sea.

When with students, Dr. Juniper likes them to make their own discoveries by analyzing real-life data and critically challenging published results.

<h3>Related Links</h3>

LinkedIn Kim Juniper

<http://ca.linkedin.com/pub/kim-juniper/19/210/745>

Twitter: <https://twitter.com/skjuniper>

Faces of UVic Research Video:

[http://www.youtube.com/watch?v=bFB67lzWK\\_8](http://www.youtube.com/watch?v=bFB67lzWK_8)

## ENVIRONMENT/NATURAL RESOURCES

### Louise Page

Biology

Phone: (250) 472-4679

E-mail: lpage@uvic.ca

#### Expertise:

- Evolution of development
- Functional morphology of marine invertebrates
- Invertebrate neurodevelopment

### Brian Starzomski

Ian McTaggart Cowan Professor of Biodiversity Conservation and Ecological Restoration  
School of Environmental Studies

Phone: (250) 853-3564

E-mail: starzom@uvic.ca

#### Expertise:

- Biodiversity structure and dynamics
- Novel ecosystems
- Ecological monitoring
- Determinants of local diversity in light of climate change

#### Expertise Profile

The province of BC is the last "best place on earth" for many plant and animal species. In fact, fully half of all species in Canada call BC home.

Yet climate change and human interference threaten to reduce those numbers drastically.

Dr. Brian Starzomski studies biodiversity in the landscape, its resilience and how best to minimize the threats that plant and animal species face.

He is the winner of the prestigious Ian McTaggart-Cowan Professorship of Biodiversity, Conservation and Ecological Restoration in the School of Environmental Studies at the University of Victoria.

Dr. Starzomski and his lab team work mainly in the field, conducting experiments and observational studies to look at changes in community pattern and structure.

The majority of his work focuses on alpine plant communities in the Coast Mountains of southwestern British Columbia and the blanket bog ecosystems of the Central Coast.

Much of the latter research is funded by the Hakai Beach Institute on the Central Coast, where Dr. Starzomski also teaches some of his undergraduate UVic classes.

In the School of Environmental Studies, he collaborates with Dr. Eric Higgs on the Mountain Legacy Project. They replicate photos taken over 80 years ago to compare and study change in mountain environments.

Dr. Starzomski is part of Ecology@UVic, an effort to unite ecologists across campus, providing a forum that fosters discussion, problem-solving, and collaboration, culminating in outstanding ecological research. &#8232;

#### Related Links

Dr. Starzomski's Faces of UVic Research video:

<http://youtu.be/juGant1tEyc>

The Starzomski Lab: <http://web.uvic.ca/~starzom/>

The Mountain Legacy Project: <http://mountainlegacy.ca/>

### John Volpe

School of Environmental Studies

Phone: (250) 472-4298

E-mail: jpv@uvic.ca

#### Expertise:

- Aquaculture
- Sustainability
- Systems Theory
- Restoration

#### Related Links

Dr. Volpe's Faces of UVic Research video:

<http://www.youtube.com/watch?v=CrFLq6tnFCM>

## ECOLOGICAL RESTORATION

### Eric Higgs

School of Environmental Studies

Phone: (250) 721-8228

E-mail: ehiggs@uvic.ca

#### Expertise:

- Ecological Restoration
  - Philosophy of Ecological Restoration
  - Policy and Practice of Ecological Restoration (especially in mountain regions and protected areas)
  - Historical Ecology, including Cultural and Ecological Change
  - Repeat Photography
  - Philosophy of Technology
- #### Expertise Profile
- Climate change, species extinction and extreme weather are rapidly changing the face of our planet.

Dr. Eric Higgs concentrates on how we can help ecosystems recover from that change.

His integrative approach to ecological restoration draws on resources from philosophy, anthropology and ecology.

Dr. Higgs is trained as a philosopher and ecological planner and uses both to look at the conceptual and ethical issues involved in restoring ecosystems. What responsibility do we as humans have? What intervention methods should we use?

As a professor and former director of the University of Victoria's School of Environmental Studies, Dr. Higgs uses a combination of fieldwork and interdisciplinary learning in many of his undergraduate and graduate classes.

He helms the Mountain Legacy Project, where students



and researchers venture to the tops of peaks across BC and Alberta. There, they replicate photos taken over 80 years ago to compare and study change in these mountain environments.

The project makes policy recommendations to bodies such as Parks Canada and the Government of Alberta.

His current research interests include nature and technology, novel and hybrid ecosystems, and cultural changes in the way we value nature.

Future projects include a sequel to Nature by Design, his oft-cited book on how we think about ecological restoration.

<h3>Related Links</h3>

Dr. Higgs' Faces of UVic Research video:

<http://youtu.be/38GjawDgguA>

### Asit Mazumder

NSERC Industry Research Chair

Biology

Phone: (472) 4789

E-mail: [mazumder@uvic.ca](mailto:mazumder@uvic.ca)

Languages: French, a little Spanish, and Bengali

**Expertise:**

<h3>Research Description</h3>

Ecology of freshwater and marine ecosystems in fisheries and water quality

<h3>Expertise Profile</h3>

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

<h3>Related Links</h3>

<http://www.uvic.ca/water/>

### Jason Price

Curriculum and Instruction

Phone: (250) 721-7830

E-mail: [jasonp@uvic.ca](mailto:jasonp@uvic.ca)

**Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

### Valentin Schaefer

School of Environmental Studies

Phone: (250) 472-4387

E-mail: [schaefer@uvic.ca](mailto:schaefer@uvic.ca)

**Expertise:**

My research highlights the value of nature in urban areas. It involves biophysical inventories of natural areas in cities and approaches to improving their health through connectivity, ecological memory, invasives removal and environmental stewardship.

### Brian Starzomski

Ian McTaggart Cowan Professor of Biodiversity

Conservation and Ecological Restoration

School of Environmental Studies

Phone: (250) 853-3564

E-mail: [starzom@uvic.ca](mailto:starzom@uvic.ca)

**Expertise:**

- Biodiversity structure and dynamics
- Novel ecosystems
- Ecological monitoring
- Determinants of local diversity in light of climate change

<h3>Expertise Profile</h3>

The province of BC is the last "best place on earth" for many plant and animal species. In fact, fully half of all species in Canada call BC home.

Yet climate change and human interference threaten to reduce those numbers drastically.

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He is the winner of the prestigious Ian McTaggart-Cowan Professorship of Biodiversity, Conservation and Ecological Restoration in the School of Environmental Studies at the University of Victoria.

Dr. Starzomski and his lab team work mainly in the field, conducting experiments and observational studies to look at changes in community pattern and structure.

The majority of his work focuses on alpine plant communities in the Coast Mountains of southwestern British Columbia and the blanket bog ecosystems of the Central Coast.

Much of the latter research is funded by the Hakai Beach

## ENVIRONMENT/NATURAL RESOURCES

Institute on the Central Coast, where Dr. Starzomski also teaches some of his undergraduate UVic classes.

In the School of Environmental Studies, he collaborates with Dr. Eric Higgs on the Mountain Legacy Project. They replicate photos taken over 80 years ago to compare and study change in mountain environments.

Dr. Starzomski is part of Ecology@UVic, an effort to unite ecologists across campus, providing a forum that fosters discussion, problem-solving, and collaboration, culminating in outstanding ecological research. &#8232;

### <h3>Related Links</h3>

Dr. Starzomski's Faces of UVic Research video:  
<http://youtu.be/juGant1tEyc>

The Starzomski Lab: <http://web.uvic.ca/~starzom/>

The Mountain Legacy Project: <http://mountainlegacy.ca/>

### **John Volpe**

School of Environmental Studies

Phone: (250) 472-4298

E-mail: [jpv@uvic.ca](mailto:jpv@uvic.ca)

#### **Expertise:**

Aquaculture  
Sustainability  
Systems Theory  
Restoration

### <h3>Related Links</h3>

Dr. Volpe's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=CrFLq6tnFCM>

## ENERGY/FUELS

### **Boyd Cohen**

Business

Languages: Spanish

#### **Expertise:**

My primary research focus is oriented towards the intersection of two distinct fields - sustainability and entrepreneurship/innovation.

### **Nedjib Djilali**

Professor

Mechanical Engineering

Institute for Integrated Energy Systems

Phone: (250) 721-6034

E-mail: [ndjilali@uvic.ca](mailto:ndjilali@uvic.ca)

Languages: French

#### **Expertise:**

Sustainable Energy Systems;  
Fuel Cells;  
Modelling and Experimental Investigation of Complex Flows, Heat and Mass Transfer; Fluid dynamics;  
Transport Phenomena; Aerospace, aeronautical and automotive engineering; Continuum mechanics; Energy

conversion and distribution; Engineering design; Environment and Sustainability; Fluid and ion transport; Hydrodynamics; Kinetic and transport theory of fluids, physical properties of gases; Mathematical modelling; Microfluidics; Pem fuel cells.

### <h3>Degrees</h3>

B.Sc. (Hertfordshire); M.Sc. (London); D.I.C. (Imperial College); Ph.D. (UBC); P.Eng.

### <h3>Related Links</h3>

Dr. Djilali's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=UodmQGweXd0>

## ENVIRONMENTAL LAW AND POLICY

### **Maneesha Deckha**

Associate Professor

Faculty of Law

Phone: (250) 519-4717

E-mail: [mdeckha@uvic.ca](mailto:mdeckha@uvic.ca)

#### **Expertise:**

-Reproductive health and health law  
-Bioethics  
-Law and culture  
-Law and Society  
-Feminist Legal Theory  
-Critical Animal Studies

### <h3>Expertise Profile</h3>

Our laws on animals reflect outdated values, says law professor Maneesha Deckha, who explores why the law can be slow to change and how it can move forward.

"Our current laws about animals are as outdated as laws about child labour and women's rights were many years ago," she says. "As a society that claims to care about its weakest members, we need to challenge our thinking about the legal status of animals."

With few exceptions, Canadian law divides all legal entities into persons or property, and it describes animals as property. In other words, we can pamper them, cage them, even kill them, as long we don't cause "unnecessary suffering" while we're doing it.

Professor Deckha believes animals should have an alternative legal status that provides better protection, but does not believe that personhood is an ideal status for animals. "Animals deserve the protection from exploitation personhood provides, but I'm dissatisfied with the personhood model for animals, because it is very much tied to the human form and shape and fits non-human entities poorly," she says.

Professor Deckha's research into animal law springs from her interest in issues such as feminism, anti-racism, and health law and policy. "I'm fascinated with how unjust laws denying personhood for women and other disadvantaged groups changed as societal attitudes shifted. It seems natural to extend this to the way our laws treat

non-humans, or animals."

When Professor Deckha teaches, she uses interactive learning techniques to get students more involved. She often has students take part in role-playing or structured debates that allow them to engage with the material. "It leads to better learning," she says, "because they're immediately processing rather than just transcribing a lecture on their laptops and then looking at their notes two weeks before an exam."

<h3>Related Links</h3>

Professor Deckha's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=inGIB6It6lA>

**Eric Higgs**

School of Environmental Studies

Phone: (250) 721-8228

E-mail: [ehiggs@uvic.ca](mailto:ehiggs@uvic.ca)

**Expertise:**

- Ecological Restoration
- Philosophy of Ecological Restoration
- Policy and Practice of Ecological Restoration (especially in mountain regions and protected areas)
- Historical Ecology, including Cultural and Ecological Change
- Repeat Photography
- Philosophy of Technology

<h3>Expertise Profile</h3>

Climate change, species extinction and extreme weather are rapidly changing the face of our planet.

Dr. Eric Higgs concentrates on how we can help ecosystems recover from that change.

His integrative approach to ecological restoration draws on resources from philosophy, anthropology and ecology.

Dr. Higgs is trained as a philosopher and ecological planner and uses both to look at the conceptual and ethical issues involved in restoring ecosystems. What responsibility do we as humans have? What intervention methods should we use?

As a professor and former director of the University of Victoria's School of Environmental Studies, Dr. Higgs uses a combination of fieldwork and interdisciplinary learning in many of his undergraduate and graduate classes.

He helms the Mountain Legacy Project, where students and researchers venture to the tops of peaks across BC and Alberta. There, they replicate photos taken over 80 years ago to compare and study change in these mountain environments.

The project makes policy recommendations to bodies such as Parks Canada and the Government of Alberta.

His current research interests include nature and technology, novel and hybrid ecosystems, and cultural changes in the way we value nature.

Future projects include a sequel to Nature by Design, his oft-cited book on how we think about ecological restoration.

<h3>Related Links</h3>

Dr. Higgs' Faces of UVic Research video:  
<http://youtu.be/38GjawDgguA>

**Richard Rajala**

History

Phone: (250) 721-7394

E-mail: [rrojala@uvic.ca](mailto:rrojala@uvic.ca)

**Expertise:**

- Forest Policy
- Technological Change in Forestry and Logging
- Labour History of the Forest Industry
- The Environmental History of Forest Practices including Impact on Fish Habitat

**ENVIRONMENTAL PROTECTION**

**Robert Gifford**

Professor

Psychology

School of Environmental Studies

Phone: (250) 721-7532

E-mail: [rgifford@uvic.ca](mailto:rgifford@uvic.ca)

**Expertise:**

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

<h3>Expertise Profile</h3>

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

Today his focus has moved more towards the psychology of sustainability.

## ENVIRONMENT/NATURAL RESOURCES

Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook *Environmental Psychology: Principles and Practice* and is the editor of the *Journal of Environmental Psychology*.

<h3>Related Links</h3>

The Environmental, Social and Personality Lab:  
<http://web.uvic.ca/~esplab/>

### Eric Higgs

School of Environmental Studies

Phone: (250) 721-8228

E-mail: [ehiggs@uvic.ca](mailto:ehiggs@uvic.ca)

#### Expertise:

- Ecological Restoration
- Philosophy of Ecological Restoration
- Policy and Practice of Ecological Restoration (especially in mountain regions and protected areas)
- Historical Ecology, including Cultural and Ecological Change
- Repeat Photography
- Philosophy of Technology

<h3>Expertise Profile</h3>

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Dr. Eric Higgs concentrates on how we can help ecosystems recover from that change.

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He helms the Mountain Legacy Project, where students and researchers venture to the tops of peaks across BC and Alberta. There, they replicate photos taken over 80 years ago to compare and study change in these mountain environments.

The project makes policy recommendations to bodies such as Parks Canada and the Government of Alberta.

His current research interests include nature and technology, novel and hybrid ecosystems, and cultural changes in the way we value nature.

Future projects include a sequel to *Nature by Design*, his oft-cited book on how we think about ecological restoration.

<h3>Related Links</h3>

Dr. Higgs' Faces of UVic Research video:

<http://youtu.be/38GjawDgguA>

### James Lawson

Political Science

Phone: (250) 721-7496

E-mail: [lawsonj@uvic.ca](mailto:lawsonj@uvic.ca)

Languages: French (some German)

#### Expertise:

- Forest Policy
- Forest Tenure
- Natural Resource Politics
- Political Economy
- Public Policy
- BC
- Ontario
- Maritimes
- Newfoundland
- occupational health and safety
- Economic History

### Asit Mazumder

NSERC Industry Research Chair

Biology

Phone: (472) 4789

E-mail: [mazumder@uvic.ca](mailto:mazumder@uvic.ca)

Languages: French, a little Spanish, and Bengali

#### Expertise:

<h3>Research Description</h3>

Ecology of freshwater and marine ecosystems in fisheries and water quality

<h3>Expertise Profile</h3>

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and

Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

<h3>Related Links</h3>

<http://www.uvic.ca/water/>

**Thomas Pedersen**

School of Earth & Ocean Sciences

Phone: (250) 217-3641

Languages: Limited French

**Expertise:**

The marine carbon cycle.  
Climate policy in British Columbia and elsewhere.

<h3>Expertise Profile</h3>

Paleoceanography, in which geochemical and isotopic variations found in marine sediments are used to interpret climate and oceanographic history. The chemical behaviour of mine wastes in the sea and in lakes.

<h3>Related Links</h3>

<http://pics.uvic.ca/>

Twitter: @PICSCanada

**Jason Price**

Curriculum and Instruction

Phone: (250) 721-7830

E-mail: [jasonp@uvic.ca](mailto:jasonp@uvic.ca)

**Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

**Brian Starzomski**

Ian McTaggart Cowan Professor of Biodiversity Conservation and Ecological Restoration  
School of Environmental Studies

Phone: (250) 853-3564

E-mail: [starzom@uvic.ca](mailto:starzom@uvic.ca)

**Expertise:**

- Biodiversity structure and dynamics
- Novel ecosystems
- Ecological monitoring
- Determinants of local diversity in light of climate change

<h3>Expertise Profile</h3>

The province of BC is the last "best place on earth" for many plant and animal species. In fact, fully half of all species in Canada call BC home.

Yet climate change and human interference threaten to reduce those numbers drastically.

Dr. Brian Starzomski studies biodiversity in the landscape, its resilience and how best to minimize the threats that plant and animal species face.

He is the winner of the prestigious Ian McTaggart-Cowan Professorship of Biodiversity, Conservation and Ecological Restoration in the School of Environmental Studies at the University of Victoria.

Dr. Starzomski and his lab team work mainly in the field, conducting experiments and observational studies to look at changes in community pattern and structure.

The majority of his work focuses on alpine plant communities in the Coast Mountains of southwestern British Columbia and the blanket bog ecosystems of the Central Coast.

Much of the latter research is funded by the Hakai Beach Institute on the Central Coast, where Dr. Starzomski also teaches some of his undergraduate UVic classes.

In the School of Environmental Studies, he collaborates with Dr. Eric Higgs on the Mountain Legacy Project. They replicate photos taken over 80 years ago to compare and study change in mountain environments.

Dr. Starzomski is part of Ecology@UVic, an effort to unite ecologists across campus, providing a forum that fosters discussion, problem-solving, and collaboration, culminating in outstanding ecological research. &#8232;

<h3>Related Links</h3>

Dr. Starzomski's Faces of UVic Research video:  
<http://youtu.be/juGantItEyc>

The Starzomski Lab: <http://web.uvic.ca/~starzom/>

The Mountain Legacy Project: <http://mountainlegacy.ca/>

**ETHICS**

**Cecilia Benoit**

Professor  
Centre for Addictions Research of BC  
Sociology  
Phone: (250) 853-3132  
E-mail: [cbenoit@uvic.ca](mailto:cbenoit@uvic.ca)

**Expertise:**

- Social equity and social justice
- Sex work and social rights
- Midwifery and maternity care
- Substance use
- Stigma and resiliency
- Street-involved youth
- Aboriginal women's health
- Intersectionality

<h3>Expertise Profile</h3>

Dr. Cecilia Benoit conducts the kind of research that pulls

## ENVIRONMENT/NATURAL RESOURCES

vulnerable and hidden populations from the shadows of social stigma in British Columbia and across Canada.

The sociologist has worked on projects including the legalization of midwives in Canada since 1993, the health of Aboriginal girls and women in Vancouver's Downtown Eastside, and a HerWay Home program for pregnant women using substances in Victoria - an initiative that provides this group with better access to clinical services and advocates affordable housing.

Dr. Benoit also leads a nation-wide project examining situations where violence arises in the sex industry and the well-being of sex workers in general.

So far, the study has empowered male, female and transgender sex workers to develop resilience against stigma, and the ability to maintain a positive sense of mental, emotional and physical well-being during times of difficulty and transition.

Dr. Benoit's work on the sex industry is challenging parts of the Criminal Code of Canada and dispelling some of the negative stereotypes the public has about sex workers.

"It's the attitudes and actions of the majority who hold power that has to change," she says. "People are becoming unhealthy because of the views society imposes on them."

Dr. Benoit's direct experience with studying the lives of sex workers shapes the way she approaches her class topics. She brings a more complex and realistic understanding of sex workers who are more diverse and have greater agency than current stereotypes portray.

### <h3>Related Links</h3>

Dr. Benoit's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=vnT5Mfdw4Jo>

### **Christopher Darimont**

Hakai-Raincoast Conservation Scholar

Geography

*E-mail:* darimont@uvic.ca

#### **Expertise:**

<h3>Research Description</h3>

Chris Darimont is an interdisciplinary conservation scientist who applies natural and social science tools to confront conservation problems that are both conceptually interesting and acutely applied. Although Chris and his fledgling lab group have broad scholarly interests, they maintain three primary research domains: i) landscape ecology at the marine-terrestrial interface, ii) conservation biology of harvest management, and iii) conservation ethics.

<h3>Expertise Profile</h3>

The wildlife and people of the central coast of British Columbia – an area popularly known as the Great Bear Rainforest – comprise a study system of particular interest. While this geographic focus invokes a strong sense of place, the research is designed to have a global reach.

Chris' interdisciplinary roots can be traced to broad training and a wide network of collaborators. After earning a PhD in Evolution and Ecology from the University of Victoria, his postdoctoral work took him to the University of California, Santa Cruz, and a large group of research partners – conservation leaders from First Nations communities of coastal British Columbia. He maintains these important relationships, which guide his research interests. Although many conceive these collaborations as opportunities to develop the capacity of First Nations, Chris views them as prospects to develop his own capacity as an applied scholar. Finally, much of Dr. Darimont's development can be traced to his long-term affiliation with the science-based eNGO Raincoast Conservation Foundation, having served as its Director of Science.

This background has cultivated in Chris a sense of responsibility to engage in outreach. His work is commonly featured in high-profile media (e.g., National Geographic television, New York Times).

### <h3>Related Links</h3>

<http://www.web.uvic.ca/~darimont/>

<http://geography.uvic.ca/people/faculty/darimont.php>

TWITTER@chrisdarimont

### **Maneesha Deckha**

Associate Professor

Faculty of Law

*Phone:* (250) 519-4717

*E-mail:* mdeckha@uvic.ca

#### **Expertise:**

- Reproductive health and health law
- Bioethics
- Law and culture
- Law and Society
- Feminist Legal Theory
- Critical Animal Studies

### <h3>Expertise Profile</h3>

Our laws on animals reflect outdated values, says law professor Maneesha Deckha, who explores why the law can be slow to change and how it can move forward.

"Our current laws about animals are as outdated as laws about child labour and women's rights were many years ago," she says. "As a society that claims to care about its weakest members, we need to challenge our thinking about the legal status of animals."

With few exceptions, Canadian law divides all legal entities into persons or property, and it describes animals as property. In other words, we can pamper them, cage them, even kill them, as long as we don't cause "unnecessary suffering" while we're doing it.

Professor Deckha believes animals should have an alternative legal status that provides better protection, but does not believe that personhood is an ideal status for animals. "Animals deserve the protection from exploitation personhood provides, but I'm dissatisfied with the personhood model for animals, because it is very much tied to the human form and shape and fits non-human entities poorly," she says.

Professor Deckha's research into animal law springs from her interest in issues such as feminism, anti-racism, and health law and policy. "I'm fascinated with how unjust laws denying personhood for women and other disadvantaged groups changed as societal attitudes shifted. It seems natural to extend this to the way our laws treat non-humans, or animals."

When Professor Deckha teaches, she uses interactive learning techniques to get students more involved. She often has students take part in role-playing or structured debates that allow them to engage with the material. "It leads to better learning," she says, "because they're immediately processing rather than just transcribing a lecture on their laptops and then looking at their notes two weeks before an exam."

### <h3>Related Links</h3>

Professor Deckha's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=inGIb6It6lA>

### **Eric Higgs**

School of Environmental Studies

Phone: (250) 721-8228

E-mail: [ehiggs@uvic.ca](mailto:ehiggs@uvic.ca)

#### **Expertise:**

- Ecological Restoration
- Philosophy of Ecological Restoration
- Policy and Practice of Ecological Restoration (especially in mountain regions and protected areas)
- Historical Ecology, including Cultural and Ecological Change
- Repeat Photography
- Philosophy of Technology

### <h3>Expertise Profile</h3>

Climate change, species extinction and extreme weather are rapidly changing the face of our planet.

Dr. Eric Higgs concentrates on how we can help ecosystems recover from that change.

His integrative approach to ecological restoration draws on resources from philosophy, anthropology and ecology.

Dr. Higgs is trained as a philosopher and ecological planner and uses both to look at the conceptual and ethical issues involved in restoring ecosystems. What responsibility do we as humans have? What intervention methods should we use?

As a professor and former director of the University of Victoria's School of Environmental Studies, Dr. Higgs uses a combination of fieldwork and interdisciplinary learning in many of his undergraduate and graduate classes.

He helms the Mountain Legacy Project, where students and researchers venture to the tops of peaks across BC and Alberta. There, they replicate photos taken over 80 years ago to compare and study change in these mountain environments.

The project makes policy recommendations to bodies such as Parks Canada and the Government of Alberta.

His current research interests include nature and technology, novel and hybrid ecosystems, and cultural changes in the way we value nature.

Future projects include a sequel to Nature by Design, his oft-cited book on how we think about ecological restoration.

### <h3>Related Links</h3>

Dr. Higgs' Faces of UVic Research video:

<http://youtu.be/38GjawDggua>

### **Eike-Henner Kluge**

Philosophy

Phone: (250) 721-7519

E-mail: [ekluge@uvic.ca](mailto:ekluge@uvic.ca)

Languages: German

#### **Expertise:**

Medical Informatics (security, confidentiality, privacy, etc. of electronic health records)

Police ethics

Biomedical ethics focusing on ownership and patenting of tissue, informed consent, competence, codes of ethics, physicians and the pharmaceutical industry.

History of medieval thought

## ENVIRONMENT/NATURAL RESOURCES

### **Bernie Pauly**

Associate Professor  
Nursing  
Centre for Addictions Research of BC  
*Phone:* (250) 472-5915  
*E-mail:* bpauly@uvic.ca

#### **Expertise:**

- Interventions to prevent harms associated with substance use and homelessness
- Promotion of health equity
- Removing barriers to health care services
- Evaluation of the implementation and effectiveness of harm reduction services including managed alcohol programs
- Evaluation of transitional housing interventions

<h3>Expertise Profile</h3>

<h3>Related Links</h3>

Dr. Pauly's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=d9MFTsDUWiI>

### **Jason Price**

Curriculum and Instruction  
*Phone:* (250) 721-7830  
*E-mail:* jasonp@uvic.ca

#### **Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

### **Rosalie Starzomski**

School of Nursing  
*E-mail:* rosestar@uvic.ca

#### **Expertise:**

Organ Donation  
Transplantation  
Nephrology Nursing  
Ethno-Cultural Attitudes and Beliefs About Organ Donation  
Nursing Ethics

Biotechnology  
Social and Ethical Implications of Genetic Testing  
Health Care Ethics  
Nursing Ethics  
Health Policy  
Advanced Nursing Practice  
Community Involvement in Health Care Decision Making

### **Scott Woodcock**

Philosophy  
*Phone:* (250) 472-4462  
*E-mail:* woodcock@uvic.ca

#### **Expertise:**

Ethics  
Applied Ethics  
Philosophy of Biology

## FORESTRY

### **C. Peter Constabel**

Biology  
Centre for Forest Biology  
*Phone:* (472) 5140  
*E-mail:* cpc@uvic.ca  
*Languages:* French, German and Spanish

#### **Expertise:**

Tree and Plant Molecular Biology, Biochemistry, and Genomics. In this area of research, I use modern techniques of plant biology to elucidate the defense ("immune") response of trees (poplars) to insect pests and pathogens.

### **Nigel Livingston**

Centre for Forest Biology  
*Phone:* (250) 721-7121  
*E-mail:* njl@uvic.ca

#### **Expertise:**

I conduct research on the interaction between trees and their physical environment- specifically, the factors that determine and control carbon exchange and water use.

I conduct research on developing assistive technologies for those with disabilities

### **Trisalyn Nelson**

Geography  
*E-mail:* trisalyn@uvic.ca

#### **Expertise:**

My primary research interests include: the development and application of methods for spatial analysis, spatial-temporal pattern analysis, and geographic information science.

I am interested in using spatial analysis to answer applied questions that relate to the natural and human environments. Through collaborative research I develop methods and apply spatial analysis to address issues relating to mountain pine beetle epidemics, large area forest inventories, marine mammals, climate modelling, and dendrochronological networks.

Currently I lead the Spatial Pattern Analysis and Research Laboratory (<http://www.geog.uvic.ca/spar/>) and am conducting several studies on the spatial-temporal investigation of mountain pine beetle epidemics at a landscape scale.



**Richard Rajala**

History

Phone: (250) 721-7394

E-mail: rrajala@uvic.ca

**Expertise:**

Forest Policy  
 Technological Change in Forestry and Logging  
 Labour History of the Forest Industry  
 The Environmental History of Forest Practices including  
 Impact on Fish Habitat

**GEOGRAPHY****Christopher Darimont**

Hakai-Raincoast Conservation Scholar

Geography

E-mail: darimont@uvic.ca

**Expertise:**

Research Description

Chris Darimont is an interdisciplinary conservation scientist who applies natural and social science tools to confront conservation problems that are both conceptually interesting and acutely applied. Although Chris and his fledgling lab group have broad scholarly interests, they maintain three primary research domains: i) landscape ecology at the marine-terrestrial interface, ii) conservation biology of harvest management, and iii) conservation ethics.

Expertise Profile

The wildlife and people of the central coast of British Columbia – an area popularly known as the Great Bear Rainforest – comprise a study system of particular interest. While this geographic focus invokes a strong sense of place, the research is designed to have a global reach.

Chris' interdisciplinary roots can be traced to broad training and a wide network of collaborators. After earning a PhD in Evolution and Ecology from the University of Victoria, his postdoctoral work took him to the University of California, Santa Cruz, and a large group of research partners – conservation leaders from First Nations communities of coastal British Columbia. He maintains these important relationships, which guide his research interests. Although many conceive these collaborations as opportunities to develop the capacity of First Nations, Chris views them as prospects to develop his own capacity as an applied scholar. Finally, much of Dr. Darimont's development can be traced to his long-term affiliation with the science-based eNGO Raincoast Conservation Foundation, having served as its Director of Science.

This background has cultivated in Chris a sense of responsibility to engage in outreach. His work is commonly featured in high-profile media (e.g., National Geographic television, New York Times).

Related Links

<http://www.web.uvic.ca/~darimont/>

<http://geography.uvic.ca/people/faculty/darimont.php>

TWITTER@chrisdarimont

**Philip Dearden**

Professor

Geography

Phone: (250) 721-7335

E-mail: profdearden@gmail.com

Languages: Thai

**Expertise:**

- Conservation
- Ecotourism with a special focus on communities and protected areas
- Marine protected areas in the tropics and Canada
- Marine wildlife tourism
- Climate change

Marine protected areas in tropics and Canada

Expertise Profile

The 2014 Living Planet Index shows that species' populations have dropped by 50 percent since 1970. With increasing numbers of species on the World Endangered List, many scientists feel we are on the brink of a major mass extinction. The oceans are particularly vulnerable because global protection mechanisms, such as national parks, are not as well developed as on the terrestrial areas of the globe, with under 3 percent protected.

We rely on the ocean's biodiversity: even the smallest organisms like phytoplankton are important. "We would not be breathing oxygen now if it wasn't for the phytoplankton in the ocean. Every second breath you take comes from the ocean," Geographer Dr. Philip Dearden says.

Dr. Dearden studies the biodiversity of terrestrial and marine environments, but he focuses on marine environments because of the lack of adequate protective mechanisms, his main area of research expertise.

For over forty years, he has worked with communities and organizations across the world to implement sustainable practices. He says conservation is mostly about human behaviour modifications: "We work with communities, and we see how we can lessen their impact and yet build them sustainable livelihoods." Much of his work is concentrated in the tropics where the pressures on biodiversity are the strongest and his research teams have worked in Ghana, Tanzania, Mexico, Sri Lanka, India and throughout Southeast Asia.

In Thailand, Dr. Dearden shows fishermen the economic value of preserving coral for tourism. Often, fishermen dynamite reefs to stun the fish and make them float to the

## ENVIRONMENT/NATURAL RESOURCES

surface, but this also blasts the coral. Dr. Dearden and his team work with those communities to prove that they can make more money by giving dive tours than by dynamiting coral for fish. He says, "We replace a destructive practice with tourism, but then we also have to ensure that tourism is well-managed." A rapidly emerging problem is climate change as the reefs die due to higher water temperatures and Dr. Dearden's team are examining ways to make marine protected areas and communities more resilient to these changes.

### <h3>Related Links</h3>

<http://people.geog.uvic.ca/?q=pdearden>

Faces of UVic Research video:

<http://www.youtube.com/watch?v=3XvD7eNMKoM>

### **Wanda Hurren**

Associate Dean, Administration

Curriculum and Instruction

Phone: (250) 472-4246

E-mail: [whurren@uvic.ca](mailto:whurren@uvic.ca)

#### **Expertise:**

I continue to explore links between Place, Identity, Aesthetics and Epistemology. I have completed two studies funded by the Social Sciences and Humanities Research Council of Canada; one examined how space is used in public secondary schools and implications for policies and practice regarding equitable use of school space; another explored approaches to mapping place so that links between people and places are more evident. Both studies explored how where we are influences who we are.

I am currently conducting a study on the UVic campus, titled "Constructing Sights" that is exploring how an attention to aesthetics influences how we "think and do" in places, particularly in places of work, and particularly during a construction project.

### **Janelle Jenstad**

Professor

English

Phone: (250) 721-7245

E-mail: [jenstad@uvic.ca](mailto:jenstad@uvic.ca)

Languages: French

#### **Expertise:**

- Shakespeare in performance
- Editing and bibliography
- The literature and culture of London in the 16th and 17th centuries
- Digital humanities, GIS, and text encoding
- London livery companies and civic pageantry

#### <h3>Expertise Profile</h3>

Dr. Janelle Jenstad is interested in building communities for scholars, students and the public alike.

As founder and director of The Map of Early Modern London, she digitally maps cultural documents onto a

bird's-eye view of 16th- and 17th-century London, England.

In the same way that maps were used in Shakespeare's time to build a community identity among newcomers flocking to London, Dr. Jenstad's digital map is attracting a widening circle of online devotees.

She is also the assistant coordinating editor of Internet Shakespeare Editions (ISE). The ISE receives over a million hits a month and is used in rehearsal halls and classrooms around the world.

As a professor in the Department of English at the University of Victoria, Dr. Jenstad is increasingly interested in how students learn.

She is certified to administer the Myers-Briggs Type Indicator test, a personality assessment tool commonly given to college and university students. This comes in handy when she's mentoring teaching assistants on how to teach -- they can learn their type to find their own personalized teaching style.

Dr. Jenstad also lectures regularly on Shakespeare in performance for classes and audiences across Canada, and writes about Canadian productions and adaptations of Shakespeare. She has curated two exhibits on Shakespeare and opera in partnership with Pacific Opera Victoria.

Dr. Jenstad's research interests include Shakespeare and his contemporaries, editing, mapping literature, early modern London, and digital humanities.

### <h3>Related Links</h3>

Dr. Jenstad's Faces of UVic Research video:

<http://www.youtube.com/watch?v=klkLh76fOc8>

The Map of Early Modern London

<http://mapoflondon.uvic.ca>

Internet Shakespeare Editions

<http://internetshakespeare.uvic.ca>

### **Trisalyn Nelson**

Geography

E-mail: [trisalyn@uvic.ca](mailto:trisalyn@uvic.ca)

#### **Expertise:**

My primary research interests include: the development and application of methods for spatial analysis, spatial-temporal pattern analysis, and geographic information science.

I am interested in using spatial analysis to answer applied questions that relate to the natural and human environments. Through collaborative research I develop methods and apply spatial analysis to address issues relating to mountain pine beetle epidemics, large area forest inventories, marine mammals, climate modelling,

and dendrochronological networks.

Currently I lead the Spatial Pattern Analysis and Research Laboratory (<http://www.geog.uvic.ca/spar/>) and am conducting several studies on the spatial-temporal investigation of mountain pine beetle epidemics at a landscape scale.

**Vera Pospelova**

School of Earth & Ocean Sciences  
 Earth and Ocean Sciences  
*Phone:* (250) 721-6314  
*E-mail:* vpospe@uvic.ca  
*Languages:* Russian

**Expertise:**

Understanding of causes and mechanisms of environmental change, whether it is related to climate change, or ecosystem degradation due to natural variability, or anthropogenic activity, requires compilation of environmental data that span beyond the period of instrumental measurements. If long-term monitoring measurements are scarce or unavailable, such information could be obtained only by studying (paleo)proxies from sedimentary records. My group is using organic-walled microfossils (dinoflagellate cysts, foraminiferal organic linings, pollen and spores, etc.) and geochemical proxies as indicators of past and present environmental conditions.

**Reuben Rose-Redwood**

Geography  
*E-mail:* redwood@uvic.ca

**Expertise:**

Urban historical geography; cultural landscape studies; politics of memory and place-making; historical cartography; history of geographical thought.

**Ian Walker**

Geography  
*Phone:* (250) 721-7347  
*E-mail:* ijwalker@uvic.ca

**Expertise:**

<h3>Research Description</h3>

Beach and dune geomorphology

Sedimentary processes

Coastal erosion

Wind (aeolian) processes

<h3>Expertise profile</h3>

Professor Walker is a geomorphologist with expertise in beach and sand dune geomorphology, sedimentary processes, wind (aeolian) processes, and the impacts coastal erosion and sea level changes. Dr. Walker's research takes place on beaches and dunes across north America in Prince Edward Island National Park, Haida

Gwaii, Pacific Rim National Park, and Cape Cod National Seashore. This work involves close collaboration with Parks Canada, BC Parks, US National Park Service, the Geological Survey of Canada, and many international colleagues. Dr. Walker directs the Coastal Erosion & Dune Dynamics (CEDD) Laboratory, which studies the erosion, dynamics, and restoration of sandy beach-dune systems and explores linkages to land use changes and climatic change impacts using leading-edge technology and collaborative training opportunities.

<h3>Related Links</h3>

<http://cedd.geog.uvic.ca/>

**GEOLOGY**

**Dante Canil**

School of Earth & Ocean Sciences  
*Phone:* (250) 472-4180  
*E-mail:* dcanil@uvic.ca  
*Languages:* German (conversational)

**Expertise:**

Origin of diamonds  
 Origin and evolution of earth's mantle  
 Origin of the atmosphere  
 Igneous rocks

**Stephen Johnston**

School of Earth & Ocean Sciences  
*E-mail:* stj@uvic.ca  
*Languages:* un petit peu francais, y lo mismo por Espanol

**Expertise:**

<h3>Research Description</h3>

Origin of mountain belts

Earth's ever changing paleogeography

The role of mountain belts in the growth of continents, the evolution of the biosphere and the development of our atmosphere

<h3>Expertise Profile</h3>

I research the origin and evolution of mountain belts, including addressing their role in the growth of continents and the evolution of the biosphere and the atmosphere, using their development as a constraint on Earth's ever changing paleogeography.

My research is rooted in field-based geological mapping of key parts of mountain belts, both modern and ancient. Multidisciplinary studies, including geophysical investigations and geochemical and geochronological analyses are utilized to further constrain the geometry and evolution of mountain belts. Models of development and evolution of ancient earth crust are tested against (1) tectonically active modern analogues, including the

## ENVIRONMENT/NATURAL RESOURCES

Apennines of southern Italy, and the Melanesian region of the southwest Pacific, and (2) geodynamic, geometric, climate and thermal models.

### **Thomas Pedersen**

School of Earth & Ocean Sciences

Phone: (250) 217-3641

Languages: Limited French

#### **Expertise:**

The marine carbon cycle.

Climate policy in British Columbia and elsewhere.

#### <h3>Expertise Profile</h3>

Paleoceanography, in which geochemical and isotopic variations found in marine sediments are used to interpret climate and oceanographic history. The chemical behaviour of mine wastes in the sea and in lakes.

#### <h3>Related Links</h3>

<http://pics.uvic.ca/>

Twitter: @PICSCanada

### **Vera Pospelova**

School of Earth & Ocean Sciences

Earth and Ocean Sciences

Phone: (250) 721-6314

E-mail: [vpospe@uvic.ca](mailto:vpospe@uvic.ca)

Languages: Russian

#### **Expertise:**

Understanding of causes and mechanisms of environmental change, whether it is related to climate change, or ecosystem degradation due to natural variability, or anthropogenic activity, requires compilation of environmental data that span beyond the period of instrumental measurements. If long-term monitoring measurements are scarce or unavailable, such information could be obtained only by studying (paleo)proxies from sedimentary records. My group is using organic-walled microfossils (dinoflagellate cysts, foraminiferal organic linings, pollen and spores, etc.) and geochemical proxies as indicators of past and present environmental conditions.

## INTERNATIONAL

### **Philip Dearden**

Professor

Geography

Phone: (250) 721-7335

E-mail: [profdearden@gmail.com](mailto:profdearden@gmail.com)

Languages: Thai

#### **Expertise:**

-Conservation

-Ecotourism with a special focus on communities and protected areas

-Marine protected areas in the tropics and Canada

-Marine wildlife tourism

-Climate change

Marine protected areas in tropics and Canada

#### <h3>Expertise Profile</h3>

The 2014 Living Planet Index shows that species' populations have dropped by 50 percent since 1970. With increasing numbers of species on the World Endangered List, many scientists feel we are on the brink of a major mass extinction. The oceans are particularly vulnerable because global protection mechanisms, such as national parks, are not as well developed as on the terrestrial areas of the globe, with under 3 percent protected.

We rely on the ocean's biodiversity: even the smallest organisms like phytoplankton are important. "We would not be breathing oxygen now if it wasn't for the phytoplankton in the ocean. Every second breath you take comes from the ocean," Geographer Dr. Philip Dearden says.

Dr. Dearden studies the biodiversity of terrestrial and marine environments, but he focuses on marine environments because of the lack of adequate protective mechanisms, his main area of research expertise.

For over forty years, he has worked with communities and organizations across the world to implement sustainable practises. He says conservation is mostly about human behaviour modifications: "We work with communities, and we see how we can lessen their impact and yet build them sustainable livelihoods." Much of his work is concentrated in the tropics where the pressures on biodiversity are the strongest and his research teams have worked in Ghana, Tanzania, Mexico, Sri Lanka, India and throughout Southeast Asia.

In Thailand, Dr. Dearden shows fishermen the economic value of preserving coral for tourism. Often, fishermen dynamite reefs to stun the fish and make them float to the surface, but this also blasts the coral. Dr. Dearden and his team work with those communities to prove that they can make more money by giving dive tours than by dynamiting coral for fish. He says, "We replace a destructive practice with tourism, but then we also have to ensure that tourism is well-managed." A rapidly emerging problem is climate change as the reefs die due to higher water temperatures and Dr. Dearden's team are examining ways to make marine protected areas and communities more resilient to these changes.

#### <h3>Related Links</h3>

<http://people.geog.uvic.ca/?q=pdearden>

Faces of UVic Research video:

<http://www.youtube.com/watch?v=3XvD7eNMKoM>

**Budd Hall**

Public Administration  
 Phone: (250) 721-8062  
 E-mail: bhall@uvic.ca  
 Languages: French, Spanish and Kiswahili

**Expertise:**

- Participatory Research, Community-Based Research,
- Social Movement Learning
- Adult Education
- Global Civil Society
- Poetry and Social Movements

**POLICY/PLANNING**

**Brian Starzomski**

Ian McTaggart Cowan Professor of Biodiversity  
 Conservation and Ecological Restoration  
 School of Environmental Studies  
 Phone: (250) 853-3564  
 E-mail: starzom@uvic.ca

**Expertise:**

- Biodiversity structure and dynamics
- Novel ecosystems
- Ecological monitoring
- Determinants of local diversity in light of climate change

**Expertise Profile**

The province of BC is the last "best place on earth" for many plant and animal species. In fact, fully half of all species in Canada call BC home.

Yet climate change and human interference threaten to reduce those numbers drastically. Dr. Brian Starzomski studies biodiversity in the landscape, its resilience and how best to minimize the threats that plant and animal species face.

He is the winner of the prestigious Ian McTaggart-Cowan Professorship of Biodiversity, Conservation and Ecological Restoration in the School of Environmental Studies at the University of Victoria.

Dr. Starzomski and his lab team work mainly in the field, conducting experiments and observational studies to look at changes in community pattern and structure.

The majority of his work focuses on alpine plant communities in the Coast Mountains of southwestern British Columbia and the blanket bog ecosystems of the Central Coast.

Much of the latter research is funded by the Hakai Beach Institute on the Central Coast, where Dr. Starzomski also teaches some of his undergraduate UVic classes.

In the School of Environmental Studies, he collaborates with Dr. Eric Higgs on the Mountain Legacy Project. They replicate photos taken over 80 years ago to compare and study change in mountain environments.

Dr. Starzomski is part of Ecology@UVic, an effort to

unite ecologists across campus, providing a forum that fosters discussion, problem-solving, and collaboration, culminating in outstanding ecological research. &#8232;

**Related Links**

Dr. Starzomski's Faces of UVic Research video:  
<http://youtu.be/juGant1tEyc>

The Starzomski Lab: <http://web.uvic.ca/~starzom/>

The Mountain Legacy Project: <http://mountainlegacy.ca/>

**POLLUTION**

**Robert Gifford**

Professor  
 Psychology  
 School of Environmental Studies  
 Phone: (250) 721-7532  
 E-mail: rgifford@uvic.ca

**Expertise:**

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

**Expertise Profile**

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

Today his focus has moved more towards the psychology of sustainability.

Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques

## ENVIRONMENT/NATURAL RESOURCES

and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook *Environmental Psychology: Principles and Practice* and is the editor of the *Journal of Environmental Psychology*.

<h3>Related Links</h3>

The Environmental, Social and Personality Lab:  
<http://web.uvic.ca/~esplab/>

### Asit Mazumder

NSERC Industry Research Chair  
Biology

Phone: (472) 4789

E-mail: [mazumder@uvic.ca](mailto:mazumder@uvic.ca)

Languages: French, a little Spanish, and Bengali

#### Expertise:

<h3>Research Description</h3>

Ecology of freshwater and marine ecosystems in fisheries and water quality

<h3>Expertise Profile</h3>

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

<h3>Related Links</h3>

<http://www.uvic.ca/water/>

### Thomas Pedersen

School of Earth & Ocean Sciences

Phone: (250) 217-3641

Languages: Limited French

#### Expertise:

The marine carbon cycle.  
Climate policy in British Columbia and elsewhere.

<h3>Expertise Profile</h3>

Paleoceanography, in which geochemical and isotopic variations found in marine sediments are used to interpret climate and oceanographic history. The chemical behaviour of mine wastes in the sea and in lakes.

<h3>Related Links</h3>

<http://pics.uvic.ca/>

Twitter: @PICSCanada

### Vera Pospelova

School of Earth & Ocean Sciences

Earth and Ocean Sciences

Phone: (250) 721-6314

E-mail: [vpospe@uvic.ca](mailto:vpospe@uvic.ca)

Languages: Russian

#### Expertise:

Understanding of causes and mechanisms of environmental change, whether it is related to climate change, or ecosystem degradation due to natural variability, or anthropogenic activity, requires compilation of environmental data that span beyond the period of instrumental measurements. If long-term monitoring measurements are scarce or unavailable, such information could be obtained only by studying (paleo)proxies from sedimentary records. My group is using organic-walled microfossils (dinoflagellate cysts, foraminiferal organic linings, pollen and spores, etc.) and geochemical proxies as indicators of past and present environmental conditions.

### Real Roy

Biology

Phone: (250) 472-5071

E-mail: [realroy@uvic.ca](mailto:realroy@uvic.ca)

Languages: French

#### Expertise:

My research focus is on the ecology and diversity of bacteria in the natural environment. I am currently doing research on bacteria that can grow from methane gas, a greenhouse gas emitted in landfill soils. I am also interested in soil bacteria that transforms nitrogen, an important plant nutrient.

## RECYCLING/WASTE MANAGEMENT

### Robert Gifford

Professor

Psychology

School of Environmental Studies

Phone: (250) 721-7532

E-mail: [rgifford@uvic.ca](mailto:rgifford@uvic.ca)

#### Expertise:

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

<h3>Expertise Profile</h3>

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

Today his focus has moved more towards the psychology of sustainability.

Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook *Environmental Psychology: Principles and Practice* and is the editor of the *Journal of Environmental Psychology*.

<h3>Related Links</h3>

The Environmental, Social and Personality Lab:  
<http://web.uvic.ca/~esplab/>

**URBAN ISSUES**

**Emmanuel Brunet-Jailly**

Professor  
 Public Administration  
 Human and Social Development  
 Political Science  
*E-mail:* ebrunetj@uvic.ca

*Languages:* French

**Expertise:**

- Comparative politics
- Urban politics and governance
- Comparative urban politics and policies
- Comparative border cities and regions

<h3>Expertise Profile</h3>

As the head of the largest Canadian research program on borders, Political Scientist Emmanuel Brunet-Jailly works with over 90 researchers around the world to view borders from many perspectives, including history, governance, crossing flows, cultures, security and environmental sustainability,

The findings will have tremendous impact on public

policy and our understanding of borders around the world," says Dr. Brunet-Jailly, who notes that what we understand about borders are changing. "Borders are being influenced by technology--especially information and communication technologies--in ways we're just beginning to understand," he says.

Walls are no longer effective--people travel around, above and below walls. It is far more effective for governments--as do the Canadian and American governments--to work together to create a secure border, which is invisible to the eye.

However, this also affects the relative positioning of borders. Border patrols can now work, not only at the borderline, but also in surrounding regions. In Canada, a border control can stop you 20 miles from the actual boundary. You can also cross borders without passing the actual borderline. You can sit in a Canadian airport, and simultaneously be stranded between two countries.

As a teacher, Dr. Brunet-Jailly uses a combination of online classes and in-class lectures and includes video clips and PowerPoints when he can. "Teaching isn't just talking to students and asking them to read books," he says. "There are all sorts of multimedia at our disposal that we can bring to the classroom."

<h3>Related Links</h3>

Dr. Brunet-Jailly's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=mN97WwJc8g>

**Benedikt Fischer**

Sociology

*Languages:* German

**Expertise:**

- substance use
- public health
- infectious disease (i.e., HepC & HIV)
- crime & deviance
- criminal justice
- policing
- interventions & policy

**Robert Gifford**

Professor  
 Psychology  
 School of Environmental Studies  
*Phone:* (250) 721-7532  
*E-mail:* rgifford@uvic.ca

**Expertise:**

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

<h3>Expertise Profile</h3>

## ENVIRONMENT/NATURAL RESOURCES

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

Today his focus has moved more towards the psychology of sustainability.

Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook *Environmental Psychology: Principles and Practice* and is the editor of the *Journal of Environmental Psychology*.

<h3>Related Links</h3>

The Environmental, Social and Personality Lab:  
<http://web.uvic.ca/~esplab/>

### **Trevor Hancock**

Professor and Senior Scholar  
Public Health & Social Policy  
*E-mail:* [thancock@uvic.ca](mailto:thancock@uvic.ca)

#### **Expertise:**

- Public health systems and services
- Urban health and urban health equity
- Health and environment
- Public policy and health

<h3>Expertise Profile</h3>

What is a healthy city and how do we get one?

Dr. Trevor Hancock teaches that cities wanting to improve the health of their citizens need to pay attention to both their physical and their social environments. Think increasing the amount of green space downtown or introducing community programs that connect citizens with their cities.

Over the past 30 years as an internationally recognized health promotion leader, Dr. Hancock has helped to put health on the agenda of thousands of cities and towns around the world.

He has had a long-standing interest in the relationship between human and environmental health and is one of the founders of the global Healthy Cities and Communities movement.

Dr. Hancock teaches in the School of Public Health and Social Policy at the University of Victoria, where his graduate courses connect students to real on the ground problems facing society.

The challenge now is to increase awareness. As co-chair of a working group studying human and ecosystem health for the Canadian Public Health Association (CPHA), he is searching for new, creative ways to communicate his message.

In Dr. Hancock's words: "We want the three minute viral video, not the academic paper."

### **Janelle Jenstad**

Professor  
English

*Phone:* (250) 721-7245

*E-mail:* [jenstad@uvic.ca](mailto:jenstad@uvic.ca)

*Languages:* French

#### **Expertise:**

- Shakespeare in performance
  - Editing and bibliography
  - The literature and culture of London in the 16th and 17th centuries
  - Digital humanities, GIS, and text encoding
  - London livery companies and civic pageantry
- <h3>Expertise Profile</h3>

Dr. Janelle Jenstad is interested in building communities for scholars, students and the public alike.

As founder and director of The Map of Early Modern London, she digitally maps cultural documents onto a bird's-eye view of 16th- and 17th-century London, England.

In the same way that maps were used in Shakespeare's time to build a community identity among newcomers flocking to London, Dr. Jenstad's digital map is attracting a widening circle of online devotees.

She is also the assistant coordinating editor of Internet Shakespeare Editions (ISE). The ISE receives over a million hits a month and is used in rehearsal halls and classrooms around the world.

As a professor in the Department of English at the University of Victoria, Dr. Jenstad is increasingly



interested in how students learn.

She is certified to administer the Myers-Briggs Type Indicator test, a personality assessment tool commonly given to college and university students. This comes in handy when she's mentoring teaching assistants on how to teach -- they can learn their type to find their own personalized teaching style.

Dr. Jenstad also lectures regularly on Shakespeare in performance for classes and audiences across Canada, and writes about Canadian productions and adaptations of Shakespeare. She has curated two exhibits on Shakespeare and opera in partnership with Pacific Opera Victoria.

Dr. Jenstad's research interests include Shakespeare and his contemporaries, editing, mapping literature, early modern London, and digital humanities.

### <h3>Related Links</h3>

Dr. Jenstad's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=klkLh76fOc8>

The Map of Early Modern London  
<http://mapoflondon.uvic.ca>

Internet Shakespeare Editions  
<http://internetshakespeare.uvic.ca>

### Jason Price

Curriculum and Instruction  
 Phone: (250) 721-7830  
 E-mail: [jasonp@uvic.ca](mailto:jasonp@uvic.ca)

#### Expertise:

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

### Reuben Rose-Redwood

Geography  
 E-mail: [redwood@uvic.ca](mailto:redwood@uvic.ca)

#### Expertise:

Urban historical geography; cultural landscape studies; politics of memory and place-making; historical cartography; history of geographical thought.

### Valentin Schaefer

School of Environmental Studies  
 Phone: (250) 472-4387  
 E-mail: [schaefer@uvic.ca](mailto:schaefer@uvic.ca)

#### Expertise:

My research highlights the value of nature in urban areas. It involves biophysical inventories of natural areas in cities and approaches to improving their health through connectivity, ecological memory, invasives removal and environmental stewardship.

## WATER

### Robert Gifford

Professor  
 Psychology  
 School of Environmental Studies  
 Phone: (250) 721-7532  
 E-mail: [rgifford@uvic.ca](mailto:rgifford@uvic.ca)

#### Expertise:

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

#### <h3>Expertise Profile</h3>

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

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Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques and messaging to overcome these barriers.

## ENVIRONMENT/NATURAL RESOURCES

Dr. Gifford is the author of four editions of the textbook *Environmental Psychology: Principles and Practice* and is the editor of the *Journal of Environmental Psychology*.

<h3>Related Links</h3>

The Environmental, Social and Personality Lab:  
<http://web.uvic.ca/~esplab/>

### **Asit Mazumder**

NSERC Industry Research Chair  
Biology

*Phone:* (472) 4789

*E-mail:* mazumder@uvic.ca

*Languages:* French, a little Spanish, and Bengali

#### **Expertise:**

<h3>Research Description</h3>

Ecology of freshwater and marine ecosystems in fisheries and water quality

<h3>Expertise Profile</h3>

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

<h3>Related Links</h3>

<http://www.uvic.ca/water/>

### **Thomas Pedersen**

School of Earth & Ocean Sciences

*Phone:* (250) 217-3641

*Languages:* Limited French

#### **Expertise:**

The marine carbon cycle.  
Climate policy in British Columbia and elsewhere.

<h3>Expertise Profile</h3>

Paleoceanography, in which geochemical and isotopic variations found in marine sediments are used to interpret climate and oceanographic history. The chemical behaviour of mine wastes in the sea and in lakes.

<h3>Related Links</h3>

<http://pics.uvic.ca/>

Twitter: @PICSCanada

### **Vera Pospelova**

School of Earth & Ocean Sciences

Earth and Ocean Sciences

*Phone:* (250) 721-6314

*E-mail:* vpospe@uvic.ca

*Languages:* Russian

#### **Expertise:**

Understanding of causes and mechanisms of environmental change, whether it is related to climate change, or ecosystem degradation due to natural variability, or anthropogenic activity, requires compilation of environmental data that span beyond the period of instrumental measurements. If long-term monitoring measurements are scarce or unavailable, such information could be obtained only by studying (paleo)proxies from sedimentary records. My group is using organic-walled microfossils (dinoflagellate cysts, foraminiferal organic linings, pollen and spores, etc.) and geochemical proxies as indicators of past and present environmental conditions.

### **Real Roy**

Biology

*Phone:* (250) 472-5071

*E-mail:* realroy@uvic.ca

*Languages:* French

#### **Expertise:**

My research focus is on the ecology and diversity of bacteria in the natural environment. I am currently doing research on bacteria that can grow from methane gas, a greenhouse gas emitted in landfill soils. I am also interested in soil bacteria that transforms nitrogen, an important plant nutrient.

# HEALTH

## ABORIGINAL HEALTH

### Asit Mazumder

NSERC Industry Research Chair

Biology

Phone: (472) 4789

E-mail: mazumder@uvic.ca

Languages: French, a little Spanish, and Bengali

#### Expertise:

<h3>Research Description</h3>

Ecology of freshwater and marine ecosystems in fisheries and water quality

<h3>Expertise Profile</h3>

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

<h3>Related Links</h3>

<http://www.uvic.ca/water/>

### Jason Price

Curriculum and Instruction

Phone: (250) 721-7830

E-mail: jasonp@uvic.ca

#### Expertise:

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

## AGING

### Neena Chappell

Professor

Sociology

Aging, Centre on

#### Expertise:

- Informal and formal caregiving
- Care for people with dementia
- Drug policies
- Cross-cultural comparisons with Chinese society
- Quality of community-based home and residential care
- Canadian health care system

<h3>Expertise Profile</h3>

By 2020, fully 25 per cent of Canada's population will be over the age of 60.

For sociologist Dr. Neena Chappell, this isn't new.

Over the last 35 years, Dr. Chappell has been a leader in gerontological research, focusing on issues around aging, care giving and health and social policy.

She is internationally known for her work on home care, supporting the case for government expansion in this area to provide more efficient and appropriate health care for an aging society. In her upcoming book on the subject, Dr. Chappell argues that not only would such a system benefit older adults, but it could also be cost effective.

Dr. Chappell has done groundbreaking research on the extent and importance of informal support for seniors, including several cross-national studies on family provision of care to older adults when their health deteriorates.

Of particular interest to her are attitudes and beliefs towards providing care, among Chinese communities in Canada, Hong Kong and mainland China, as well as among Canadians.

She has established two world-class university-based research centres on aging, one at the University of Manitoba and one here at the University of Victoria.

In her research and in the classroom, Dr. Chappell argues for recognition of the positive aspects of aging as well as recognition of the problems and challenges. Her students see much of her research and she is always bringing in a story or two from the field.

Dr. Chappell has been the Canada Research Chair in Social Gerontology since 2001 and is currently immediate past-president of the Canadian Association on Gerontology and President, Academy II (Social Sciences) of the Royal Society of Canada.

<h3>Related Links</h3>

## HEALTH

Dr. Chappell's Faces of UVic Research video:  
<http://youtu.be/wlJjHJ4XJao>

### **Karen Kobayashi**

Sociology

Phone: (250) 721-7574

E-mail: [kmkobay@uvic.ca](mailto:kmkobay@uvic.ca)

Languages: Japanese

**Expertise:**

Aging

Ethnicity

Health

Family

Mixed Methods in Social Research

### **Catherine Mateer**

Psychology

E-mail: [cmateer@uvic.ca](mailto:cmateer@uvic.ca)

**Expertise:**

Clinical Neuropsychology

Assessment of Cognitive Abilities

Neuropsychological Rehabilitation

Attention

### **Debra Sheets**

School of Nursing

Phone: (250) 853-3947

E-mail: [dsheets@uvic.ca](mailto:dsheets@uvic.ca)

**Expertise:**

gerontology, geriatric nursing, healthy aging, creativity and quality of life, aging with physical disability, family caregiving, end and evaluation

### **Kelli Stajduhar**

Associate Professor

Nursing

Aging, Centre on

Phone: (250) 721-7487

E-mail: [kis@uvic.ca](mailto:kis@uvic.ca)

**Expertise:**

- Palliative and end of life care
- Home care and family caregiving
- Oncology
- HIV/AIDS
- Vulnerable and marginalized populations
- Gerontology
- Qualitative and quantitative methodologies

**Expertise Profile**

If there's one absolute certainty in life, it's that we will all eventually die.

When we do, we hope that the health system and those who work in it are there to support us and our family members.

Dr. Kelli Stajduhar, an associate professor in the School of Nursing at the University of Victoria, is committed to quality end of life care for any person who is dying, of any

illness, regardless of where they are being cared for.

Her research focuses on identifying the elements needed for a comprehensive and coordinated system of health care for people at the end of their lives.

Dr. Stajduhar is co-leader of an initiative aimed at integrating palliative philosophies and services earlier into nursing care for people with life-limiting or chronic illness.

This palliative approach will move conversations about a patient's comfort and their needs and wishes for end-of-life care earlier in their disease trajectory.

Dr. Stajduhar's other line of research focuses on family caregiving and the impact on families when they are providing care at home to people who are dying.

Her findings are informing policy development and front-line practice, and changing health care as we know it.

Dr. Stajduhar brings her passion for research into the classroom.

"I don't see any separation between teaching and research," she says. "I use my findings to develop curriculum and to capture students' attention, and their questions inspire new avenues of research."

**Related Links**

Dr. Stajduhar's Faces of UVic Research video:  
<http://youtu.be/O3CVEMGtbZg>

## **BASIC SCIENCE RESEARCH**

### **Robert Burke**

Biochemistry and Microbiology

Phone: (250) 721-8928

E-mail: [rburke@uvic.ca](mailto:rburke@uvic.ca)

**Expertise:**

Cell Biology, Developmental Biology, Cell Signaling,

### **Catherine Gaul**

School of Exercise Science, Physical and Health Ed  
Medical Sciences

Phone: (250) 721-8380

E-mail: [kgaul@uvic.ca](mailto:kgaul@uvic.ca)

Languages: French

**Expertise:**

Exercise and Cancer

Pediatric Exercise Physiology

Occupational Work Physiology

Health and Physical Activity

Medical Education in a distributed setting

**Ben Koop**

Biology  
Biomedical Research  
Phone: (250) 472-4071  
E-mail: bkoop@uvic.ca

**Expertise:**

<h3>Research Description</h3>

Genetic variation and change and its interaction with the environment.

<h3>Expertise Profile</h3>

My interests lie in the fields of molecular biology, genetics and evolution. My research attempts to look at broad molecular evolutionary problems using a very highly multidisciplinary approach. I currently have three major interest areas: salmon genome project and genes of the immune system, molecular evolution currently targeting the immune system of fishes, and biological informatics. This research involves large scale DNA sequencing technologies, sealice and salmon diseases, population dynamics of migration and refugia of coastal British Columbia.

**Ronald Skelton**

Psychology

**Expertise:**

Recovery of Function After Brain Injury:  
Loss of memory and spatial navigation (wayfinding).  
Measuring outcome after brain injury and changes in functioning during rehabilitation.

**Leigh Anne Swayne**

Assistant Professor  
Medical Sciences  
Biochemistry and Microbiology  
Biology  
Phone: (250) 853-3723  
E-mail: lswayne@uvic.ca

Languages: French

**Expertise:**

- Neural stem cells
- Neurogenesis
- Ion channels
- Neurodegenerative diseases

<h3>Expertise Profile</h3>

The brain and the nervous system are what Dr. Leigh Anne Swayne likes to call the "master controllers" of all bodily systems.

Electric signals in the brain control everything our body does, from walking or talking to simply breathing.

Dr. Swayne, an assistant professor in the Division of Medical Sciences at the University of Victoria, studies the brain and its functions at the molecular level.

She is particularly interested in ion channels, which are the pathways in and out of cells in the brain. Those pathways are regulated by certain proteins in the cell and

are extremely important for cell signaling.

When something goes wrong in the brain, we realize how coordinated and complex a system it is. Dr. Swayne's recent research focuses on the regulation of stem cells in the brain, especially after a stroke.

Stem cells are unique unspecialized cells that can produce new cells, including neurons. Dr. Swayne's work at understanding the fundamental science of these cells may assist in the evaluation of specific ion channels as targets to promote brain repair.

She is a firm believer in basic science research as a pathway to discovery and innovation. In her lab and in her classes, Dr. Swayne emphasizes the need for both direct application and basic study - both are essential to understanding the mystery that is the human brain.

<h3>Related Links</h3>

Dr. Swayne's Faces of UVic Research video:  
<http://youtu.be/jE7resMpA-Q>

**E. Paul Zehr**

School of Exercise Science, Physical and Health Ed  
Biomedical Research  
Phone: (250) 721-8379

E-mail: pzehr@uvic.ca

Languages: French, some German, Japanese, Italian and Spanish

**Expertise:**

- Neural control of human movement
- Recovery from stroke and spinal cord injuries
- Role of reflexes in coordination of limbs

<h3>Expertise Profile</h3>

We should give our arms more credit when it comes to walking, says Dr. E. Paul Zehr.

Dr. Zehr is a neuroscientist in the Division of Medical Sciences and School of Exercise Science, Physical and Health Education, where he studies how our arms and legs follow the commands of the brain and spinal cord during walking.

He would cement his reputation as a breakthrough scientist by discovering that our arms give our legs a helping hand when we walk.

In one study, Dr. Zehr looked at how arm and leg coordination is changed or lost after the nervous system has been damaged during stroke or a spinal cord injury. He finds that the nervous system has the capacity to change no matter what damage it has endured.

For that matter, Dr. Zehr and his graduate students at UVic applied a mostly forgotten discovery over 100 years ago where exercising the unaffected side of the body after stroke also strengthened the opposite weaker side of the

## HEALTH

body.

This surprising finding encourages people with neural injuries and mobility issues in rehabilitation to continue to exercise and eventually recover their ability to walk.

Dr. Zehr brings his passion into the classroom by using real-life stories from his research to support understanding of concepts in neuroscience and kinesiology. He also uses examples from pop culture, such as superheroes from action-based comic books, to help students explore creative ways of solving problems.

### <h3>Related Links</h3>

Dr. Zehr's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=1ig3dK-MiPs>

## BIOCHEMISTRY AND MICROBIOLOGY

### **Robert Burke**

Biochemistry and Microbiology

*Phone:* (250) 721-8928

*E-mail:* rburke@uvic.ca

#### **Expertise:**

Cell Biology, Developmental Biology, Cell Signaling,

### **Terry Pearson**

Biochemistry and Microbiology

#### **Expertise:**

My expertise is in immunology, molecular parasitology, molecular entomology and protein chemistry. Research is focused on African trypanosomes, the parasites that cause sleeping sickness, and their tsetse fly vectors.

### **Real Roy**

Biology

*Phone:* (250) 472-5071

*E-mail:* realroy@uvic.ca

*Languages:* French

#### **Expertise:**

My research focus is on the ecology and diversity of bacteria in the natural environment. I am currently doing research on bacteria that can grow from methane gas, a greenhouse gas emitted in landfill soils. I am also interested in soil bacteria that transforms nitrogen, an important plant nutrient.

### **Leigh Anne Swayne**

Assistant Professor

Medical Sciences

Biochemistry and Microbiology

Biology

*Phone:* (250) 853-3723

*E-mail:* lswayne@uvic.ca

*Languages:* French

#### **Expertise:**

- Neural stem cells
- Neurogenesis
- Ion channels
- Neurodegenerative diseases

### <h3>Expertise Profile</h3>

The brain and the nervous system are what Dr. Leigh Anne Swayne likes to call the "master controllers" of all bodily systems.

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She is a firm believer in basic science research as a pathway to discovery and innovation. In her lab and in her classes, Dr. Swayne emphasizes the need for both direct application and basic study - both are essential to understanding the mystery that is the human brain.

### <h3>Related Links</h3>

Dr. Swayne's Faces of UVic Research video:  
<http://youtu.be/jE7resMpA-Q>

**Christopher Upton**

Biochemistry and Microbiology

Phone: (250) 721-6507

E-mail: [cupton@uvic.ca](mailto:cupton@uvic.ca)

**Expertise:**

My research area is the analysis of genes specifying virulence in viruses. The virus groups include: poxviruses, herpesviruses, African swine fever virus, influenza and baculoviruses.

This work includes development of software tools for analysis of virus genomes.

**Diana Varela**

Associate Professor

Biology

School of Earth & Ocean Sciences

Phone: (250) 472-5425

E-mail: [dvarela@uvic.ca](mailto:dvarela@uvic.ca)

Languages: Spanish

**Expertise:**

-Marine Biogeochemistry

-Ecological Physiology of Phytoplankton

<h3>Expertise Profile</h3>

For most of us, the words "climate change" conjure up images of rising temperatures. But for biological oceanographer Diana Varela, what comes to mind are microscopic floating algae called phytoplankton, which form the basis of the marine food chain.

Dr. Varela studies how phytoplankton use nutrients during photosynthesis to better understand the cycling of nutrients in the oceans and changes in marine primary productivity. Phytoplankton produce about half of the oxygen we breathe and exert a global influence on climate by removing carbon dioxide--one of the main culprits in global warming--from the atmosphere. "Understanding the cycling of the nutrient elements that phytoplankton need is a key piece in the climate puzzle," says Varela, whose fieldwork sometimes takes her to opposite ends of the planet.

In the Arctic, Dr. Varela and her graduate students have participated in a number of international ship-based research expeditions, primarily to measure changes in phytoplankton productivity and nutrient levels as the ocean warms and sea ice decreases over time. And in 2013-14, she spent more than a month in Antarctica working with Argentinian scientists to study the effects of climate change on coastal planktonic communities.

In her biological oceanography class, Dr. Varela has students complete their own research projects. "We actually go out to sea on the UVic research vessel" she says. Her students get the opportunity to take samples of plankton and measure, among other things, the water's temperature, salinity and oxygen levels. Afterwards, they analyze their data and write reports on their findings.

**CANCER****Robert Burke**

Biochemistry and Microbiology

Phone: (250) 721-8928

E-mail: [rburke@uvic.ca](mailto:rburke@uvic.ca)

**Expertise:**

Cell Biology, Developmental Biology, Cell Signaling,

**Catherine Gaul**

School of Exercise Science, Physical and Health Ed  
Medical Sciences

Phone: (250) 721-8380

E-mail: [kgaul@uvic.ca](mailto:kgaul@uvic.ca)

Languages: French

**Expertise:**

Exercise and Cancer

Pediatric Exercise Physiology

Occupational Work Physiology

Health and Physical Activity

Medical Education in a distributed setting

**Ben Koop**

Biology

Biomedical Research

Phone: (250) 472-4071

E-mail: [bkoop@uvic.ca](mailto:bkoop@uvic.ca)

**Expertise:**

<h3>Research Description</h3>

Genetic variation and change and its interaction with the environment.

<h3>Expertise Profile</h3>

My interests lie in the fields of molecular biology, genetics and evolution. My research attempts to look at broad molecular evolutionary problems using a very highly multidisciplinary approach. I currently have three major interest areas: salmon genome project and genes of the immune system, molecular evolution currently targeting the immune system of fishes, and biological informatics. This research involves large scale DNA sequencing technologies, sealice and salmon diseases, population dynamics of migration and refugia of coastal British Columbia.

**Kelli Stajduhar**

Associate Professor

Nursing

Aging, Centre on

Phone: (250) 721-7487

E-mail: [kis@uvic.ca](mailto:kis@uvic.ca)

**Expertise:**

- Palliative and end of life care

- Home care and family caregiving

- Oncology

- HIV/AIDS

- Vulnerable and marginalized populations

- Gerontology

- Qualitative and quantitative methodologies

## HEALTH

### <h3>Expertise Profile</h3>

If there's one absolute certainty in life, it's that we will all eventually die.

When we do, we hope that the health system and those who work in it are there to support us and our family members.

Dr. Kelli Stajduhar, an associate professor in the School of Nursing at the University of Victoria, is committed to quality end of life care for any person who is dying, of any illness, regardless of where they are being cared for.

Her research focuses on identifying the elements needed for a comprehensive and coordinated system of health care for people at the end of their lives.

Dr. Stajduhar is co-leader of an initiative aimed at integrating palliative philosophies and services earlier into nursing care for people with life-limiting or chronic illness.

This palliative approach will move conversations about a patient's comfort and their needs and wishes for end-of-life care earlier in their disease trajectory.

Dr. Stajduhar's other line of research focuses on family caregiving and the impact on families when they are providing care at home to people who are dying.

Her findings are informing policy development and front-line practice, and changing health care as we know it.

Dr. Stajduhar brings her passion for research into the classroom.

"I don't see any separation between teaching and research," she says. "I use my findings to develop curriculum and to capture students' attention, and their questions inspire new avenues of research."

### <h3>Related Links</h3>

Dr. Stajduhar's Faces of UVic Research video:  
<http://youtu.be/O3CVEMGtbZg>

## CHILD AND YOUTH HEALTH

### **James Anglin**

Child and Youth Care

*Phone:* (250) 721-8550

*E-mail:* janglin@uvic.ca

#### **Expertise:**

Assessment of Education and Training Needs in Human Services  
Parent Education and Parent Support  
Qualitative Research Approaches, Grounded Theory  
International Child and Youth Care  
Residential Child and Youth Care  
Quality Assurance in Child and Family Services  
Child Advocacy and Youth in Care

### **Jeffrey Ansloos**

Assistant Professor and Registered Psychologist

Human and Social Development

Child and Youth Care

Centre for Youth and Society

*Phone:* (250) 721-7990

*E-mail:* ansloos@uvic.ca

*Languages:* Basic conversational proficiency in French and Spanish

#### **Expertise:**

Narrative and Arts-Based Research  
Youth engagement in public policy development  
Indigenous youth mental health  
Indigenous rights  
Identity-based conflict, violence prevention, and peace-building  
Ethics of violence, nonviolence, and reconciliation  
Youth activism and social movements  
Youth migration, displacement, and resettlement  
Refugee mental health policy in the Middle East and North Africa

### **Marion Ehrenberg**

Psychology

*Phone:* (250) 721-8771

*E-mail:* ehrm@uvic.ca

#### **Expertise:**

I study families experiencing divorce and other family transitions.

I am particularly interested in the dynamics of cooperation and conflict in divorced families, how parents and children are affected, and what facilitates or compromises healthy adjustment to family transitions.



**Catherine Gaul**

School of Exercise Science, Physical and Health Ed  
Medical Sciences

Phone: (250) 721-8380

E-mail: kgaul@uvic.ca

Languages: French

**Expertise:**

Exercise and Cancer  
Pediatric Exercise Physiology  
Occupational Work Physiology  
Health and Physical Activity  
Medical Education in a distributed setting

**Robert Gifford**

Professor

Psychology

School of Environmental Studies

Phone: (250) 721-7532

E-mail: rgifford@uvic.ca

**Expertise:**

- Resource management (commons dilemmas and social dilemmas)
  - Personality and nonverbal behaviour
  - Ecological issues such as environmental activism and pro-environmental behavior
  - The meaning and liveability of neighbourhoods
- <h3>Expertise Profile</h3>

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

Today his focus has moved more towards the psychology of sustainability.

Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques

and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook *Environmental Psychology: Principles and Practice* and is the editor of the *Journal of Environmental Psychology*.

<h3>Related Links</h3>

The Environmental, Social and Personality Lab:  
<http://web.uvic.ca/~esplab/>

**Lara Lauzon**

School of Exercise Science, Physical and Health Ed

Phone: (250) 721-8378

E-mail: llauzon@uvic.ca

**Expertise:**

Teacher Wellness  
STEP IT UP - exploring the use of pedometers as an interactive intervention with middle school aged children.  
Wellness Planning in Community Recreation departments in British Columbia.  
SITE - Situated Instruction for Teacher Education - exploring group dynamics in a research team.

**Jason Price**

Curriculum and Instruction

Phone: (250) 721-7830

E-mail: jasonp@uvic.ca

**Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

**Eric Roth**

Anthropology

Phone: (250) 721-6268

E-mail: ericroth@uvic.ca

Languages: Spanish and Kiswahili

**Expertise:**

My current research is concerned with modelling HIV/AIDS and sexually transmitted diseases. I consider this part of my basic field of demography. I have also completed studies in human ecology, maternal/child health, and childhood growth and development.

## HEALTH

### CHRONIC ILLNESS

#### **Catherine Mateer**

Psychology

*E-mail:* cmateer@uvic.ca

**Expertise:**

Clinical Neuropsychology  
Assessment of Cognitive Abilities  
Neuropsychological Rehabilitation  
Attention

#### **Debra Sheets**

School of Nursing

*Phone:* (250) 853-3947

*E-mail:* dsheets@uvic.ca

**Expertise:**

gerontology, geriatric nursing, healthy aging, creativity and quality of life, aging with physical disability, family caregiving, end and evaluation

#### **Kelli Stajduhar**

Associate Professor

Nursing

Aging, Centre on

*Phone:* (250) 721-7487

*E-mail:* kis@uvic.ca

**Expertise:**

- Palliative and end of life care
- Home care and family caregiving
- Oncology
- HIV/AIDS
- Vulnerable and marginalized populations
- Gerontology
- Qualitative and quantitative methodologies

<h3>Expertise Profile</h3>

If there's one absolute certainty in life, it's that we will all eventually die.

When we do, we hope that the health system and those who work in it are there to support us and our family members.

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Her research focuses on identifying the elements needed for a comprehensive and coordinated system of health care for people at the end of their lives.

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This palliative approach will move conversations about a patient's comfort and their needs and wishes for end-of-life care earlier in their disease trajectory.

Dr. Stajduhar's other line of research focuses on family caregiving and the impact on families when they are providing care at home to people who are dying.

Her findings are informing policy development and front-line practice, and changing health care as we know it.

Dr. Stajduhar brings her passion for research into the classroom.

"I don't see any separation between teaching and research," she says. "I use my findings to develop curriculum and to capture students' attention, and their questions inspire new avenues of research."

<h3>Related Links</h3>

Dr. Stajduhar's Faces of UVic Research video:

<http://youtu.be/O3CVEMGtbZg>

#### **Rosalie Starzomski**

School of Nursing

*E-mail:* rosestar@uvic.ca

**Expertise:**

Organ Donation  
Transplantation  
Nephrology Nursing  
Ethno-Cultural Attitudes and Beliefs About Organ Donation  
Nursing Ethics

Biotechnology  
Social and Ethical Implications of Genetic Testing  
Health Care Ethics  
Nursing Ethics  
Health Policy  
Advanced Nursing Practice  
Community Involvement in Health Care Decision Making

### CLINICAL RESEARCH

#### **Catherine Mateer**

Psychology

*E-mail:* cmateer@uvic.ca

**Expertise:**

Clinical Neuropsychology  
Assessment of Cognitive Abilities  
Neuropsychological Rehabilitation  
Attention

**Stephanie Willerth**

Assistant Professor  
 Mechanical Engineering  
 Biomedical Research  
 Phone: (250) 721-7303  
 E-mail: willerth@uvic.ca

**Expertise:**

- Tissue engineered scaffolds for promoting stem cell differentiation
- Novel drug delivery systems
- Analyzing mechanisms of stem cell differentiation using next generation sequencing

**<h3>Expertise Profile</h3>**

When Dr. Stephanie Willerth was five years old she asked her parents for one of two things for Christmas: a chemistry set or a pair of tickets to a college bowl football game.

Twenty-five years later, Dr. Willerth is an assistant professor in the Biomedical Engineering Program and the head of the University of Victoria's state-of-the-art Willerth Laboratory. She is making advances in a field that has huge medical potential - stem cell bioengineering.

Stem cells are special, powerful cells found in humans and other animals that can replicate into cells to repair and replace damaged tissues.

Stem cell research holds huge potential for the treatment of conditions such as cancer, heart disease and spinal cord injury.

When Dr. Willerth was a graduate student in the US in 2006, her research group was the first to develop a method for studying stem cell behaviour in a 3-D setting. That work used embryonic stem cells, which are the most versatile at reproducing and creating tissue.

At UVic, Dr. Willerth and her team are exploring similar techniques using "pluripotent" adult stem cells, which are adult cells altered to behave like embryonic stem cells.

Dr. Willerth belongs to ICORD (International Collaboration On Repair Discoveries), a BC-based organization dedicated to spinal cord injury research. Her ultimate goal is to restore the function lost to devastating spinal cord injuries.

It may be obvious, but her parents bought her the chemistry set.

**<h3>Related Links</h3>**

Dr. Willerth's Faces of UVic Research video:  
<http://youtu.be/b42bBJUFemM>

The Willerth Lab website:  
<http://www.engr.uvic.ca/~willerth/index.shtml>

**E. Paul Zehr**

School of Exercise Science, Physical and Health Ed  
 Biomedical Research  
 Phone: (250) 721-8379  
 E-mail: pzehr@uvic.ca  
 Languages: French, some German, Japanese, Italian and Spanish

**Expertise:**

- Neural control of human movement
- Recovery from stroke and spinal cord injuries
- Role of reflexes in coordination of limbs

**<h3>Expertise Profile</h3>**

We should give our arms more credit when it comes to walking, says Dr. E. Paul Zehr.

Dr. Zehr is a neuroscientist in the Division of Medical Sciences and School of Exercise Science, Physical and Health Education, where he studies how our arms and legs follow the commands of the brain and spinal cord during walking.

He would cement his reputation as a breakthrough scientist by discovering that our arms give our legs a helping hand when we walk.

In one study, Dr. Zehr looked at how arm and leg coordination is changed or lost after the nervous system has been damaged during stroke or a spinal cord injury. He finds that the nervous system has the capacity to change no matter what damage it has endured.

For that matter, Dr. Zehr and his graduate students at UVic applied a mostly forgotten discovery over 100 years ago where exercising the unaffected side of the body after stroke also strengthened the opposite weaker side of the body.

This surprising finding encourages people with neural injuries and mobility issues in rehabilitation to continue to exercise and eventually recover their ability to walk.

Dr. Zehr brings his passion into the classroom by using real-life stories from his research to support understanding of concepts in neuroscience and kinesiology. He also uses examples from pop culture, such as superheroes from action-based comic books, to help students explore creative ways of solving problems.

**<h3>Related Links</h3>**

Dr. Zehr's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=1ig3dK-MiPs>

### ETHICS

#### **Cecilia Benoit**

Professor

Centre for Addictions Research of BC

Sociology

Phone: (250) 853-3132

E-mail: cbenoit@uvic.ca

#### **Expertise:**

- Social equity and social justice
- Sex work and social rights
- Midwifery and maternity care
- Substance use
- Stigma and resiliency
- Street-involved youth
- Aboriginal women's health
- Intersectionality

#### <h3>Expertise Profile</h3>

Dr. Cecilia Benoit conducts the kind of research that pulls vulnerable and hidden populations from the shadows of social stigma in British Columbia and across Canada.

The sociologist has worked on projects including the legalization of midwives in Canada since 1993, the health of Aboriginal girls and women in Vancouver's Downtown Eastside, and a HerWay Home program for pregnant women using substances in Victoria - an initiative that provides this group with better access to clinical services and advocates affordable housing.

Dr. Benoit also leads a nation-wide project examining situations where violence arises in the sex industry and the well-being of sex workers in general.

So far, the study has empowered male, female and transgender sex workers to develop resilience against stigma, and the ability to maintain a positive sense of mental, emotional and physical well-being during times of difficulty and transition.

Dr. Benoit's work on the sex industry is challenging parts of the Criminal Code of Canada and dispelling some of the negative stereotypes the public has about sex workers.

"It's the attitudes and actions of the majority who hold power that has to change," she says. "People are becoming unhealthy because of the views society imposes on them."

Dr. Benoit's direct experience with studying the lives of sex workers shapes the way she approaches her class topics. She brings a more complex and realistic understanding of sex workers who are more diverse and have greater agency than current stereotypes portray.

#### <h3>Related Links</h3>

Dr. Benoit's Faces of UVic Research video:

<http://www.youtube.com/watch?v=vnT5Mfdw4Jo>

#### **Christopher Darimont**

Hakai-Raincoast Conservation Scholar

Geography

E-mail: darimont@uvic.ca

#### **Expertise:**

<h3>Research Description</h3>

Chris Darimont is an interdisciplinary conservation scientist who applies natural and social science tools to confront conservation problems that are both conceptually interesting and acutely applied. Although Chris and his fledgling lab group have broad scholarly interests, they maintain three primary research domains: i) landscape ecology at the marine-terrestrial interface, ii) conservation biology of harvest management, and iii) conservation ethics.

#### <h3>Expertise Profile</h3>

The wildlife and people of the central coast of British Columbia – an area popularly known as the Great Bear Rainforest – comprise a study system of particular interest. While this geographic focus invokes a strong sense of place, the research is designed to have a global reach.

Chris' interdisciplinary roots can be traced to broad training and a wide network of collaborators. After earning a PhD in Evolution and Ecology from the University of Victoria, his postdoctoral work took him to the University of California, Santa Cruz, and a large group of research partners – conservation leaders from First Nations communities of coastal British Columbia. He maintains these important relationships, which guide his research interests. Although many conceive these collaborations as opportunities to develop the capacity of First Nations, Chris views them as prospects to develop his own capacity as an applied scholar. Finally, much of Dr. Darimont's development can be traced to his long-term affiliation with the science-based eNGO Raincoast Conservation Foundation, having served as its Director of Science.

This background has cultivated in Chris a sense of responsibility to engage in outreach. His work is commonly featured in high-profile media (e.g., National Geographic television, New York Times).

#### <h3>Related Links</h3>

<http://www.web.uvic.ca/~darimont/>

<http://geography.uvic.ca/people/faculty/darimont.php>

TWITTER @chrisdarimont

## Maneesha Deckha

Associate Professor  
Faculty of Law  
Phone: (250) 519-4717  
E-mail: mdeckha@uvic.ca

### Expertise:

- Reproductive health and health law
- Bioethics
- Law and culture
- Law and Society
- Feminist Legal Theory
- Critical Animal Studies

### Expertise Profile

Our laws on animals reflect outdated values, says law professor Maneesha Deckha, who explores why the law can be slow to change and how it can move forward.

"Our current laws about animals are as outdated as laws about child labour and women's rights were many years ago," she says. "As a society that claims to care about its weakest members, we need to challenge our thinking about the legal status of animals."

With few exceptions, Canadian law divides all legal entities into persons or property, and it describes animals as property. In other words, we can pamper them, cage them, even kill them, as long as we don't cause "unnecessary suffering" while we're doing it.

Professor Deckha believes animals should have an alternative legal status that provides better protection, but does not believe that personhood is an ideal status for animals. "Animals deserve the protection from exploitation personhood provides, but I'm dissatisfied with the personhood model for animals, because it is very much tied to the human form and shape and fits non-human entities poorly," she says.

Professor Deckha's research into animal law springs from her interest in issues such as feminism, anti-racism, and health law and policy. "I'm fascinated with how unjust laws denying personhood for women and other disadvantaged groups changed as societal attitudes shifted. It seems natural to extend this to the way our laws treat non-humans, or animals."

When Professor Deckha teaches, she uses interactive learning techniques to get students more involved. She often has students take part in role-playing or structured debates that allow them to engage with the material. "It leads to better learning," she says, "because they're immediately processing rather than just transcribing a lecture on their laptops and then looking at their notes two weeks before an exam."

### Related Links

Professor Deckha's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=inGIB6It6lA>

## Eric Higgs

School of Environmental Studies  
Phone: (250) 721-8228  
E-mail: ehiggs@uvic.ca

### Expertise:

- Ecological Restoration
  - Philosophy of Ecological Restoration
  - Policy and Practice of Ecological Restoration (especially in mountain regions and protected areas)
  - Historical Ecology, including Cultural and Ecological Change
  - Repeat Photography
  - Philosophy of Technology
- ### Expertise Profile
- Climate change, species extinction and extreme weather are rapidly changing the face of our planet.

Dr. Eric Higgs concentrates on how we can help ecosystems recover from that change.

His integrative approach to ecological restoration draws on resources from philosophy, anthropology and ecology.

Dr. Higgs is trained as a philosopher and ecological planner and uses both to look at the conceptual and ethical issues involved in restoring ecosystems. What responsibility do we as humans have? What intervention methods should we use?

As a professor and former director of the University of Victoria's School of Environmental Studies, Dr. Higgs uses a combination of fieldwork and interdisciplinary learning in many of his undergraduate and graduate classes.

He helms the Mountain Legacy Project, where students and researchers venture to the tops of peaks across BC and Alberta. There, they replicate photos taken over 80 years ago to compare and study change in these mountain environments.

The project makes policy recommendations to bodies such as Parks Canada and the Government of Alberta.

His current research interests include nature and technology, novel and hybrid ecosystems, and cultural changes in the way we value nature.

Future projects include a sequel to Nature by Design, his oft-cited book on how we think about ecological restoration.

### Related Links

Dr. Higgs' Faces of UVic Research video:  
<http://youtu.be/38GjawDgguA>

## HEALTH

### **Eike-Henner Kluge**

Philosophy

*Phone:* (250) 721-7519

*E-mail:* ekluge@uvic.ca

*Languages:* German

**Expertise:**

Medical Informatics (security, confidentiality, privacy, etc. of electronic health records)

Police ethics

Biomedical ethics focusing on ownership and patenting of tissue, informed consent, competence, codes of ethics, physicians and the pharmaceutical industry.

History of medieval thought

### **Bernie Pauly**

Associate Professor

Nursing

Centre for Addictions Research of BC

*Phone:* (250) 472-5915

*E-mail:* bpauly@uvic.ca

**Expertise:**

- Interventions to prevent harms associated with substance use and homelessness
- Promotion of health equity
- Removing barriers to health care services
- Evaluation of the implementation and effectiveness of harm reduction services including managed alcohol programs
- Evaluation of transitional housing interventions

<h3>Expertise Profile</h3>

<h3>Related Links</h3>

Dr. Pauly's Faces of UVic Research video:

<http://www.youtube.com/watch?v=d9MFTsDUWiI>

### **Jason Price**

Curriculum and Instruction

*Phone:* (250) 721-7830

*E-mail:* jasonp@uvic.ca

**Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

### **Rosalie Starzomski**

School of Nursing

*E-mail:* rosestar@uvic.ca

**Expertise:**

Organ Donation

Transplantation

Nephrology Nursing

Ethno-Cultural Attitudes and Beliefs About Organ

Donation

Nursing Ethics

Biotechnology

Social and Ethical Implications of Genetic Testing

Health Care Ethics

Nursing Ethics

Health Policy

Advanced Nursing Practice

Community Involvement in Health Care Decision Making

### **Scott Woodcock**

Philosophy

*Phone:* (250) 472-4462

*E-mail:* woodcock@uvic.ca

**Expertise:**

Ethics

Applied Ethics

Philosophy of Biology

## GENETICS

### **Robert Burke**

Biochemistry and Microbiology

*Phone:* (250) 721-8928

*E-mail:* rburke@uvic.ca

**Expertise:**

Cell Biology, Developmental Biology, Cell Signaling,

### **Ben Koop**

Biology

Biomedical Research

*Phone:* (250) 472-4071

*E-mail:* bkoop@uvic.ca

**Expertise:**

<h3>Research Description</h3>

Genetic variation and change and its interaction with the environment.

<h3>Expertise Profile</h3>

My interests lie in the fields of molecular biology, genetics and evolution. My research attempts to look at broad molecular evolutionary problems using a very highly multidisciplinary approach. I currently have three major interest areas: salmon genome project and genes of the immune system, molecular evolution currently targeting the immune system of fishes, and biological informatics. This research involves large scale DNA sequencing technologies, sealice and salmon diseases, population dynamics of migration and refugia of coastal British Columbia.

**Rosalie Starzomski**

School of Nursing  
*E-mail:* rosestar@uvic.ca

**Expertise:**

Organ Donation  
 Transplantation  
 Nephrology Nursing  
 Ethno-Cultural Attitudes and Beliefs About Organ Donation  
 Nursing Ethics

Biotechnology  
 Social and Ethical Implications of Genetic Testing  
 Health Care Ethics  
 Nursing Ethics  
 Health Policy  
 Advanced Nursing Practice  
 Community Involvement in Health Care Decision Making

<b>HEALTH CARE          ADMINISTRATION/POLICY</b>
---

**Kelli Stajduhar**

Associate Professor  
 Nursing  
 Aging, Centre on  
*Phone:* (250) 721-7487  
*E-mail:* kis@uvic.ca

**Expertise:**

- Palliative and end of life care
- Home care and family caregiving
- Oncology
- HIV/AIDS
- Vulnerable and marginalized populations
- Gerontology
- Qualitative and quantitative methodologies

**Expertise Profile**

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Her research focuses on identifying the elements needed for a comprehensive and coordinated system of health care for people at the end of their lives.

Dr. Stajduhar is co-leader of an initiative aimed at integrating palliative philosophies and services earlier into nursing care for people with life-limiting or chronic illness.

This palliative approach will move conversations about a

patient's comfort and their needs and wishes for end-of-life care earlier in their disease trajectory.

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Her findings are informing policy development and front-line practice, and changing health care as we know it.

Dr. Stajduhar brings her passion for research into the classroom.

"I don't see any separation between teaching and research," she says. "I use my findings to develop curriculum and to capture students' attention, and their questions inspire new avenues of research."

**Related Links**

Dr. Stajduhar's Faces of UVic Research video:  
<http://youtu.be/O3CVEMGtbZg>

**Rosalie Starzomski**

School of Nursing  
*E-mail:* rosestar@uvic.ca

**Expertise:**

Organ Donation  
 Transplantation  
 Nephrology Nursing  
 Ethno-Cultural Attitudes and Beliefs About Organ Donation  
 Nursing Ethics

Biotechnology  
 Social and Ethical Implications of Genetic Testing  
 Health Care Ethics  
 Nursing Ethics  
 Health Policy  
 Advanced Nursing Practice  
 Community Involvement in Health Care Decision Making

**Rebecca Warburton**

Assistant Professor  
 Public Administration  
*Phone:* (250) 721-8066  
*E-mail:* rnwarbur@uvic.ca  
*Languages:* French

**Expertise:**

I'm a health economist interested in evidence-based policy and practice. Specific interests include patient safety, low-income populations, health technology assessment, and research using administrative data.

## HEALTH

### HEALTH INFORMATION SCIENCE

#### **Eike-Henner Kluge**

Philosophy

Phone: (250) 721-7519

E-mail: ekluge@uvic.ca

Languages: German

#### **Expertise:**

Medical Informatics (security, confidentiality, privacy, etc. of electronic health records)

Police ethics

Biomedical ethics focusing on ownership and patenting of tissue, informed consent, competence, codes of ethics, physicians and the pharmaceutical industry.

History of medieval thought

### MENTAL HEALTH AND ADDICTIONS

#### **Cecilia Benoit**

Professor

Centre for Addictions Research of BC

Sociology

Phone: (250) 853-3132

E-mail: cbenoit@uvic.ca

#### **Expertise:**

- Social equity and social justice
- Sex work and social rights
- Midwifery and maternity care
- Substance use
- Stigma and resiliency
- Street-involved youth
- Aboriginal women's health
- Intersectionality

#### **Expertise Profile**

Dr. Cecilia Benoit conducts the kind of research that pulls vulnerable and hidden populations from the shadows of social stigma in British Columbia and across Canada.

The sociologist has worked on projects including the legalization of midwives in Canada since 1993, the health of Aboriginal girls and women in Vancouver's Downtown Eastside, and a HerWay Home program for pregnant women using substances in Victoria - an initiative that provides this group with better access to clinical services and advocates affordable housing.

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Dr. Benoit's work on the sex industry is challenging parts of the Criminal Code of Canada and dispelling some of the negative stereotypes the public has about sex workers.

"It's the attitudes and actions of the majority who hold power that has to change," she says. "People are becoming unhealthy because of the views society imposes on them."

Dr. Benoit's direct experience with studying the lives of sex workers shapes the way she approaches her class topics. She brings a more complex and realistic understanding of sex workers who are more diverse and have greater agency than current stereotypes portray.

#### **Related Links**

Dr. Benoit's Faces of UVic Research video:

<http://www.youtube.com/watch?v=vnT5Mfdw4Jo>

#### **Timothy Black**

Associate Professor

Educational Psychology & Leadership Studies

Phone: (250) 721-7760

E-mail: tblack@uvic.ca

#### **Expertise:**

My research has focused mainly on group therapy approaches and psychological trauma and its effects on civilian and military populations. I am currently examining the transition of former members of the Canadian Forces to civilian life. I am also pursuing research into Integral Psychotherapy based on Ken Wilber's Integral Metatheory, which includes Integral Methodological Pluralism (IMP) as the next step in comprehensive research strategies.

#### **Related Links**

Dr. Black's Faces of UVic Research video:

<http://www.youtube.com/watch?v=tul-G52h45Y>

#### **Benedikt Fischer**

Sociology

Languages: German

#### **Expertise:**

substance use  
public health  
infectious disease (i.e., HepC & HIV)  
crime & deviance  
criminal justice  
policing  
interventions & policy



**Karen Kobayashi**

Sociology

*Phone:* (250) 721-7574*E-mail:* kmkobay@uvic.ca*Languages:* Japanese**Expertise:**

Aging

Ethnicity

Health

Family

Mixed Methods in Social Research

**E. Anne Marshall**

Professor

Educational Psychology &amp; Leadership Studies

Centre for Youth and Society

*Phone:* (250) 721-7815*E-mail:* amarshal@uvic.ca*Languages:* French**Expertise:**

-Adolescent identity and mental health

-Indigenous cultural identity

-Career transitions

-Cultural identity

-Counsellor skill development

-Community-based research

**Expertise Database**

For most young people, the first day of university or a new job is usually a blur of excitement and anxiety as they enter a world of more freedom and responsibility.

Mental health psychologist Anne Marshall studies the transitional experiences of adolescents and young adults. She's working with colleagues at UVic and the University of Toronto on a study that demonstrates how the transitional experiences of Indigenous youth are both similar to and different from those of other Canadian youth.

"We're looking at the relationship aspect," she says. "For most Indigenous youth, relationships are a key part--for many the biggest part--of any decision they make about their lives. But many non-Indigenous youth are a bit more individually focused like following your career path or making decisions that you think are right for you."

Dr. Marshall researches youth transitions because she believes that children are our future: "the decisions they make now will have an impact not only on their own future, but their families and the country, so it is important to support them to make good decisions."

Dr. Marshall also played a pivotal role in developing UVic's master's program in Indigenous Communities Counselling Psychology, the only one of its kind in Canada. "There's a real need for counselling in Aboriginal communities, but the people have some different needs because of their historical background and issues around colonization and continual changes in how they are

housed and treated and supported," she says. The program bears many similarities to the existing graduate counselling program, but with a focus on Aboriginal values and priorities, so that it can blend their traditional knowledge with Western knowledge.

**Related Links**

Anne Marshall's Faces of UVic Research video:

<https://www.youtube.com/watch?v=-buo9ORUW0w&feature=youtu.be>

**Joan Martin**

Educational Psychology &amp; Leadership Studies

*E-mail:* jmmartin@uvic.ca**Expertise:**

I am presently conducting a 3 year longitudinal psychosocial study of children and adolescents who undergo surgical repair of a chest wall deformity called pectus excavatum. We are primarily interested in the impact of surgical repair on the psychosocial development of youth. This research is being done in conjunction with Dr. Allen Hayashi (Vancouver Island Health Authority), Dr. Jillian Roberts (UVic), Dr. Erik Skarsgard (UBC), and Dr. Sigale (University of Calgary).

I conduct research on emotional regulation and motivation. In particular, I am interested in emotional regulation during difficult learning or testing situations, failure resiliency in the context of learning, and rumination.

I have conducted research on depression in children and its relation to perceived competence. This area is now merging with my research on emotional regulation and motivation.

**Tara Ney**

Assistant Professor

Human and Social Development

Public Administration

*Phone:* (250) 721-8199*E-mail:* tney@uvic.ca**Expertise:**

Conflict theory, participatory governance mechanisms, restorative justice, discourse theory

**Bernie Pauly**

Associate Professor

Nursing

Centre for Addictions Research of BC

*Phone:* (250) 472-5915*E-mail:* bpauly@uvic.ca**Expertise:**

- Interventions to prevent harms associated with substance use and homelessness
- Promotion of health equity
- Removing barriers to health care services
- Evaluation of the implementation and effectiveness of harm reduction services including managed alcohol programs
- Evaluation of transitional housing interventions

## HEALTH

### <h3>Expertise Profile</h3>

### <h3>Related Links</h3>

Dr. Pauly's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=d9MFTsDUWiI>

### **Timothy Stockwell**

Professor  
Psychology  
Centre for Addictions Research of BC  
*Phone:* (250) 472-5445  
*E-mail:* [timstock@uvic.ca](mailto:timstock@uvic.ca)

#### **Expertise:**

Broadly, prevention policy and practice relating to harms from legal and illegal drugs.  
Specifically, epidemiological and policy research on patterns of alcohol use and related harms.

### <h3>Related Links</h3>

Dr. Stockwell's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=pxCn\\_sQHcLM](http://www.youtube.com/watch?v=pxCn_sQHcLM)

### **Erica Woodin**

Assistant Professor  
Psychology  
Centre for Addictions Research of BC  
*Phone:* (250) 721-8590  
*E-mail:* [ewoodin@uvic.ca](mailto:ewoodin@uvic.ca)

#### **Expertise:**

- Domestic violence and substance use in close relationships
- The causes and consequences of verbal conflict and physical aggression
- The impact of harmful behaviours on individual, couple, and child functioning
- Effectiveness of treatment efforts to reduce aggressive behaviours
- Use of prevention efforts to avert partner aggression in adolescence and early adulthood
- Links between partner aggression and substance abuse

### <h3>Expertise Profile</h3>

Dr. Erica Woodin studies intimate relationships and the things that damage them, specifically domestic violence and substance abuse.

As a research affiliate with the Centre for Addictions Research BC and the director of UVic's Couples and Families Lab, Dr. Woodin helps partners cope with the stresses associated with becoming parents for the first time.

Collaborating with departmental colleague Ulrich Mueller on the transition from partners to parents, Dr. Woodin is following local couples in their third trimester of pregnancy over one, two and four years.

Her goal is to look for patterns of aggressive behaviour and identify which couples are at higher risk for problems in their relationships.

"Awareness is critical for these couples who don't always realize they're fighting," she says.

Dr. Woodin adds that pregnancy is an opportunity for partners to accommodate change in their relationship. Her work can inform the way mental health practitioners, nurses and maternity doctors support their community.

Before her career at UVic, Dr. Woodin worked with university couples where partners were at high risk of physical aggression using a model specifically designed for people with alcohol abuse. Motivational interviewing, where partners talked through their goals for changing their behaviour, reduced the levels of physical aggression for up to nine months after the counselling stage.

In the Department of Psychology, where she teaches, Dr. Woodin uses her background as a clinical psychologist to shape student's understanding of how mental health issues can affect healthy relationships and how intimate relationships in turn, can impact individual health.

### <h3>Related Links</h3>

Dr. Woodin's Faces of Uvic Research video:  
<https://www.youtube.com/watch?v=yA9eZWtaYIQ>

## NURSING

### **Carol McDonald**

School of Nursing  
*Phone:* (250) 472-5280  
*E-mail:* [carolmcd@uvic.ca](mailto:carolmcd@uvic.ca)

#### **Expertise:**

Research interests with lesbian women and in particular the intersection of multiple oppressions experienced as heterosexism/ageism/ableism in health and social services.

### **Bernie Pauly**

Associate Professor  
Nursing  
Centre for Addictions Research of BC  
*Phone:* (250) 472-5915  
*E-mail:* [bpaul@uvic.ca](mailto:bpaul@uvic.ca)

#### **Expertise:**

- Interventions to prevent harms associated with substance use and homelessness
- Promotion of health equity
- Removing barriers to health care services
- Evaluation of the implementation and effectiveness of harm reduction services including managed alcohol programs
- Evaluation of transitional housing interventions

### <h3>Expertise Profile</h3>

### <h3>Related Links</h3>

Dr. Pauly's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=d9MFTsDUWiI>

### **Margaret Scaia**

Senior Instructor  
 Nursing  
*Phone:* (250) 721-7963  
*E-mail:* mrscaia@uvic.ca

### **Debra Sheets**

School of Nursing  
*Phone:* (250) 853-3947  
*E-mail:* dsheets@uvic.ca

#### **Expertise:**

gerontology, geriatric nursing, healthy aging, creativity and quality of life, aging with physical disability, family caregiving, end and evaluation

### **Kelli Stajduhar**

Associate Professor  
 Nursing  
 Aging, Centre on  
*Phone:* (250) 721-7487  
*E-mail:* kis@uvic.ca

#### **Expertise:**

- Palliative and end of life care
- Home care and family caregiving
- Oncology
- HIV/AIDS
- Vulnerable and marginalized populations
- Gerontology
- Qualitative and quantitative methodologies

#### <h3>Expertise Profile</h3>

If there's one absolute certainty in life, it's that we will all eventually die.

When we do, we hope that the health system and those who work in it are there to support us and our family members.

Dr. Kelli Stajduhar, an associate professor in the School of Nursing at the University of Victoria, is committed to quality end of life care for any person who is dying, of any illness, regardless of where they are being cared for.

Her research focuses on identifying the elements needed for a comprehensive and coordinated system of health care for people at the end of their lives.

Dr. Stajduhar is co-leader of an initiative aimed at integrating palliative philosophies and services earlier into nursing care for people with life-limiting or chronic illness.

This palliative approach will move conversations about a patient's comfort and their needs and wishes for end-of-life care earlier in their disease trajectory.

Dr. Stajduhar's other line of research focuses on family caregiving and the impact on families when they are providing care at home to people who are dying.

Her findings are informing policy development and front-line practice, and changing health care as we know it.

Dr. Stajduhar brings her passion for research into the classroom.

"I don't see any separation between teaching and research," she says. "I use my findings to develop curriculum and to capture students' attention, and their questions inspire new avenues of research."

### <h3>Related Links</h3>

Dr. Stajduhar's Faces of UVic Research video:  
<http://youtu.be/O3CVEMGtbZg>

### **Rosalie Starzomski**

School of Nursing  
*E-mail:* rosestar@uvic.ca

#### **Expertise:**

Organ Donation  
 Transplantation  
 Nephrology Nursing  
 Ethno-Cultural Attitudes and Beliefs About Organ Donation  
 Nursing Ethics

Biotechnology  
 Social and Ethical Implications of Genetic Testing  
 Health Care Ethics  
 Nursing Ethics  
 Health Policy  
 Advanced Nursing Practice  
 Community Involvement in Health Care Decision Making

## **POPULATION HEALTH**

### **Cecilia Benoit**

Professor  
 Centre for Addictions Research of BC  
 Sociology  
*Phone:* (250) 853-3132  
*E-mail:* cbenoit@uvic.ca

#### **Expertise:**

- Social equity and social justice
- Sex work and social rights
- Midwifery and maternity care
- Substance use
- Stigma and resiliency
- Street-involved youth
- Aboriginal women's health
- Intersectionality

#### <h3>Expertise Profile</h3>

Dr. Cecilia Benoit conducts the kind of research that pulls vulnerable and hidden populations from the shadows of

## HEALTH

social stigma in British Columbia and across Canada.

The sociologist has worked on projects including the legalization of midwives in Canada since 1993, the health of Aboriginal girls and women in Vancouver's Downtown Eastside, and a HerWay Home program for pregnant women using substances in Victoria - an initiative that provides this group with better access to clinical services and advocates affordable housing.

Dr. Benoit also leads a nation-wide project examining situations where violence arises in the sex industry and the well-being of sex workers in general.

So far, the study has empowered male, female and transgender sex workers to develop resilience against stigma, and the ability to maintain a positive sense of mental, emotional and physical well-being during times of difficulty and transition.

Dr. Benoit's work on the sex industry is challenging parts of the Criminal Code of Canada and dispelling some of the negative stereotypes the public has about sex workers.

"It's the attitudes and actions of the majority who hold power that has to change," she says. "People are becoming unhealthy because of the views society imposes on them."

Dr. Benoit's direct experience with studying the lives of sex workers shapes the way she approaches her class topics. She brings a more complex and realistic understanding of sex workers who are more diverse and have greater agency than current stereotypes portray.

### <h3>Related Links</h3>

Dr. Benoit's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=vnT5Mfdw4Jo>

### **Budd Hall**

Public Administration  
*Phone:* (250) 721-8062  
*E-mail:* [bhall@uvic.ca](mailto:bhall@uvic.ca)

*Languages:* French, Spanish and Kiswahili

#### **Expertise:**

Participatory Research, Community-Based Research,  
Social Movement Learning  
Adult Education  
Global Civil Society  
Poetry and Social Movements

### **Trevor Hancock**

Professor and Senior Scholar  
Public Health & Social Policy  
*E-mail:* [thancock@uvic.ca](mailto:thancock@uvic.ca)

#### **Expertise:**

- Public health systems and services
- Urban health and urban health equity
- Health and environment
- Public policy and health

<h3>Expertise Profile</h3>

What is a healthy city and how do we get one?

Dr. Trevor Hancock teaches that cities wanting to improve the health of their citizens need to pay attention to both their physical and their social environments. Think increasing the amount of green space downtown or introducing community programs that connect citizens with their cities.

Over the past 30 years as an internationally recognized health promotion leader, Dr. Hancock has helped to put health on the agenda of thousands of cities and towns around the world.

He has had a long-standing interest in the relationship between human and environmental health and is one of the founders of the global Healthy Cities and Communities movement.

Dr. Hancock teaches in the School of Public Health and Social Policy at the University of Victoria, where his graduate courses connect students to real on the ground problems facing society.

The challenge now is to increase awareness. As co-chair of a working group studying human and ecosystem health for the Canadian Public Health Association (CPHA), he is searching for new, creative ways to communicate his message.

In Dr. Hancock's words: "We want the three minute viral video, not the academic paper."

### **Karen Kobayashi**

Sociology  
*Phone:* (250) 721-7574  
*E-mail:* [kmkobay@uvic.ca](mailto:kmkobay@uvic.ca)  
*Languages:* Japanese

#### **Expertise:**

Aging  
Ethnicity  
Health  
Family  
Mixed Methods in Social Research

**Timothy Stockwell**

Professor  
Psychology  
Centre for Addictions Research of BC  
Phone: (250) 472-5445  
E-mail: timstock@uvic.ca

**Expertise:**

Broadly, prevention policy and practice relating to harms from legal and illegal drugs.  
Specifically, epidemiological and policy research on patterns of alcohol use and related harms.

**<h3>Related Links</h3>**

Dr. Stockwell's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=pxCn\\_sQHcLM](http://www.youtube.com/watch?v=pxCn_sQHcLM)

**Lynne Stuart-Hill**

School of Exercise Science, Physical and Health Ed  
Phone: (250) 721-7884  
E-mail: lstuhill@uvic.ca

**Expertise:**

Occupational physiology and health  
Children and exercise

**Rebecca Warburton**

Assistant Professor  
Public Administration  
Phone: (250) 721-8066  
E-mail: rnwarbur@uvic.ca  
Languages: French

**Expertise:**

I'm a health economist interested in evidence-based policy and practice. Specific interests include patient safety, low-income populations, health technology assessment, and research using administrative data.

<b>PREVENTIVE MEDICINE/HEALTH PROMOTION</b>
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**Catherine Gaul**

School of Exercise Science, Physical and Health Ed  
Medical Sciences  
Phone: (250) 721-8380  
E-mail: kgaul@uvic.ca  
Languages: French

**Expertise:**

Exercise and Cancer  
Pediatric Exercise Physiology  
Occupational Work Physiology  
Health and Physical Activity  
Medical Education in a distributed setting

**Trevor Hancock**

Professor and Senior Scholar  
Public Health & Social Policy  
E-mail: thancock@uvic.ca

**Expertise:**

- Public health systems and services
- Urban health and urban health equity
- Health and environment
- Public policy and health

**Expertise Profile**  
What is a healthy city and how do we get one?

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In Dr. Hancock's words: "We want the three minute viral video, not the academic paper."

**Karen Kobayashi**

Sociology  
Phone: (250) 721-7574  
E-mail: kmkobay@uvic.ca  
Languages: Japanese

**Expertise:**

- Aging
- Ethnicity
- Health
- Family
- Mixed Methods in Social Research

## HEALTH

### Timothy Stockwell

Professor

Psychology

Centre for Addictions Research of BC

Phone: (250) 472-5445

E-mail: timstock@uvic.ca

#### Expertise:

Broadly, prevention policy and practice relating to harms from legal and illegal drugs.

Specifically, epidemiological and policy research on patterns of alcohol use and related harms.

#### Related Links

Dr. Stockwell's Faces of UVic Research video:

[http://www.youtube.com/watch?v=pxCn\\_sQHcLM](http://www.youtube.com/watch?v=pxCn_sQHcLM)

### Lynneth Stuart-Hill

School of Exercise Science, Physical and Health Ed

Phone: (250) 721-7884

E-mail: lstuhill@uvic.ca

#### Expertise:

Occupational physiology and health

Children and exercise

## PUBLIC HEALTH

### Benedikt Fischer

Sociology

Languages: German

#### Expertise:

substance use

public health

infectious disease (i.e., HepC & HIV)

crime & deviance

criminal justice

policing

interventions & policy

### Trevor Hancock

Professor and Senior Scholar

Public Health & Social Policy

E-mail: thancock@uvic.ca

#### Expertise:

- Public health systems and services

- Urban health and urban health equity

- Health and environment

- Public policy and health

Expertise Profile

What is a healthy city and how do we get one?

Dr. Trevor Hancock teaches that cities wanting to improve the health of their citizens need to pay attention to both their physical and their social environments. Think increasing the amount of green space downtown or introducing community programs that connect citizens with their cities.

Over the past 30 years as an internationally recognized health promotion leader, Dr. Hancock has helped to put

health on the agenda of thousands of cities and towns around the world.

He has had a long-standing interest in the relationship between human and environmental health and is one of the founders of the global Healthy Cities and Communities movement.

Dr. Hancock teaches in the School of Public Health and Social Policy at the University of Victoria, where his graduate courses connect students to real on the ground problems facing society.

The challenge now is to increase awareness. As co-chair of a working group studying human and ecosystem health for the Canadian Public Health Association (CPHA), he is searching for new, creative ways to communicate his message.

In Dr. Hancock's words: "We want the three minute viral video, not the academic paper."

### Asit Mazumder

NSERC Industry Research Chair

Biology

Phone: (472) 4789

E-mail: mazumder@uvic.ca

Languages: French, a little Spanish, and Bengali

#### Expertise:

Research Description

Ecology of freshwater and marine ecosystems in fisheries and water quality

#### Expertise Profile

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

#### Related Links

<http://www.uvic.ca/water/>

**Bernie Pauly**

Associate Professor  
Nursing  
Centre for Addictions Research of BC  
Phone: (250) 472-5915  
E-mail: bpauly@uvic.ca

**Expertise:**

- Interventions to prevent harms associated with substance use and homelessness
- Promotion of health equity
- Removing barriers to health care services
- Evaluation of the implementation and effectiveness of harm reduction services including managed alcohol programs
- Evaluation of transitional housing interventions

<h3>Expertise Profile</h3>

<h3>Related Links</h3>

Dr. Pauly's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=d9MFTsDUWiI>

**Eric Roth**

Anthropology  
Phone: (250) 721-6268  
E-mail: ericroth@uvic.ca  
Languages: Spanish and Kiswahili

**Expertise:**

My current research is concerned with modelling HIV/AIDS and sexually transmitted diseases. I consider this part of my basic field of demography. I have also completed studies in human ecology, maternal/child health, and childhood growth and development.

**Real Roy**

Biology  
Phone: (250) 472-5071  
E-mail: realroy@uvic.ca  
Languages: French

**Expertise:**

My research focus is on the ecology and diversity of bacteria in the natural environment. I am currently doing research on bacteria that can grow from methane gas, a greenhouse gas emitted in landfill soils. I am also interested in soil bacteria that transforms nitrogen, an important plant nutrient.

**Timothy Stockwell**

Professor  
Psychology  
Centre for Addictions Research of BC  
Phone: (250) 472-5445  
E-mail: timstock@uvic.ca

**Expertise:**

Broadly, prevention policy and practice relating to harms from legal and illegal drugs.  
Specifically, epidemiological and policy research on patterns of alcohol use and related harms.

<h3>Related Links</h3>

Dr. Stockwell's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=pxCn\\_sQHcLM](http://www.youtube.com/watch?v=pxCn_sQHcLM)

**SENIORS****Neena Chappell**

Professor  
Sociology  
Aging, Centre on

**Expertise:**

- Informal and formal caregiving
- Care for people with dementia
- Drug policies
- Cross-cultural comparisons with Chinese society
- Quality of community-based home and residential care
- Canadian health care system

<h3>Expertise Profile</h3>

By 2020, fully 25 per cent of Canada's population will be over the age of 60.

For sociologist Dr. Neena Chappell, this isn't new.

Over the last 35 years, Dr. Chappell has been a leader in gerontological research, focusing on issues around aging, care giving and health and social policy.

She is internationally known for her work on home care, supporting the case for government expansion in this area to provide more efficient and appropriate health care for an aging society. In her upcoming book on the subject, Dr. Chappell argues that not only would such a system benefit older adults, but it could also be cost effective.

Dr. Chappell has done groundbreaking research on the extent and importance of informal support for seniors, including several cross-national studies on family provision of care to older adults when their health deteriorates.

Of particular interest to her are attitudes and beliefs towards providing care, among Chinese communities in Canada, Hong Kong and mainland China, as well as among Canadians.

She has established two world-class university-based research centres on aging, one at the University of Manitoba and one here at the University of Victoria.

## HEALTH

In her research and in the classroom, Dr. Chappell argues for recognition of the positive aspects of aging as well as recognition of the problems and challenges. Her students see much of her research and she is always bringing in a story or two from the field.

Dr. Chappell has been the Canada Research Chair in Social Gerontology since 2001 and is currently immediate past-president of the Canadian Association on Gerontology and President, Academy II (Social Sciences) of the Royal Society of Canada.

### <h3>Related Links</h3>

Dr. Chappell's Faces of UVic Research video:  
<http://youtu.be/wlJjHJ4XJao>

### **Karen Kobayashi**

Sociology

*Phone:* (250) 721-7574

*E-mail:* kmkobay@uvic.ca

*Languages:* Japanese

***Expertise:***

Aging

Ethnicity

Health

Family

Mixed Methods in Social Research

### **Carol McDonald**

School of Nursing

*Phone:* (250) 472-5280

*E-mail:* carolmcd@uvic.ca

***Expertise:***

Research interests with lesbian women and in particular the intersection of multiple oppressions experienced as heterosexism/ageism/ableism in health and social services.

### **Debra Sheets**

School of Nursing

*Phone:* (250) 853-3947

*E-mail:* dsheets@uvic.ca

***Expertise:***

gerontology, geriatric nursing, healthy aging, creativity and quality of life, aging with physical disability, family caregiving, end and evaluation



# HUMAN & SOCIAL DEVELOPMENT

## APPLIED RESEARCH

### Jillianne Code

Assistant Professor, Educational Technology and Psychology  
Faculty of Education  
Curriculum and Instruction  
Educational Psychology & Leadership Studies  
Phone: (250) 721-7831  
E-mail: jcode@uvic.ca

#### Expertise:

My area of research is at the praxis of educational technology, psychology and measurement. Specifically, my research is focused on the role of agency in learning, the use of measurement methods in learning analytics, and the design of immersive and virtual environments for learning.

### Daniela Damian

Associate Professor  
Computer Science  
Phone: (250) 472-5788  
Languages: Romanian

#### Expertise:

- Global software development
- Empirical software engineering
- Human-computer interaction
- Computer-supported cooperative design
- Requirements engineering

#### Expertise Profile

Contrary to popular belief, there's more to software development than a set of programmers and developers, says computer scientist Daniela Damian.

In fact, there's a broader set of players involved in the creation and success of a software project. This includes business analysts, managers, architects, testers and the customers.

Dr. Damian's research looks at how these key players communicate with each other when working on software development projects. Many of these stakeholders are dispersed across different parts of the world, she notes. While this strategy gives the software industry a competitive advantage, interacting with teams from remote places around the globe presents complex challenges due to differences in time zones, work culture, and knowledge management technologies.

Dr. Damian's research projects use a synergy of empirical methods, data mining and social network analysis to understand these complex interactions and address them by improving the effectiveness of communication and coordination in large, distributed software projects.

She leads the Software Engineering Global interAction Lab (SEGAL) at UVic, a computer science facility equipped with state-of-the-art collaboration technologies,

such as large interactive displays and videoconferencing systems.

This research lab provides the physical and intellectual space for UVic students and international collaborators working with her. Students get first-hand experience collaborating with industrial partners and adjoining labs from other international universities.

#### Related Links

<https://www.youtube.com/watch?v=xgSwKDOYB5M>

### Christopher Darimont

Hakai-Raincoast Conservation Scholar  
Geography  
E-mail: darimont@uvic.ca

#### Expertise:

Research Description

Chris Darimont is an interdisciplinary conservation scientist who applies natural and social science tools to confront conservation problems that are both conceptually interesting and acutely applied. Although Chris and his fledgling lab group have broad scholarly interests, they maintain three primary research domains: i) landscape ecology at the marine-terrestrial interface, ii) conservation biology of harvest management, and iii) conservation ethics.

#### Expertise Profile

The wildlife and people of the central coast of British Columbia – an area popularly known as the Great Bear Rainforest – comprise a study system of particular interest. While this geographic focus invokes a strong sense of place, the research is designed to have a global reach.

Chris' interdisciplinary roots can be traced to broad training and a wide network of collaborators. After earning a PhD in Evolution and Ecology from the University of Victoria, his postdoctoral work took him to the University of California, Santa Cruz, and a large group of research partners – conservation leaders from First Nations communities of coastal British Columbia. He maintains these important relationships, which guide his research interests. Although many conceive these collaborations as opportunities to develop the capacity of First Nations, Chris views them as prospects to develop his own capacity as an applied scholar. Finally, much of Dr. Darimont's development can be traced to his long-term affiliation with the science-based eNGO Raincoast Conservation Foundation, having served as its Director of Science.

This background has cultivated in Chris a sense of responsibility to engage in outreach. His work is commonly featured in high-profile media (e.g., National

## HUMAN & SOCIAL DEVELOPMENT

Geographic television, New York Times).

<h3>Related Links</h3>

<http://www.web.uvic.ca/~darimont/>

<http://geography.uvic.ca/people/faculty/darimont.php>

TWITTER @chrisdarimont

### Valerie Irvine

Assistant Professor  
Curriculum and Instruction  
Educational Psychology & Leadership Studies  
Phone: (250) 721-7778  
E-mail: [virvine@uvic.ca](mailto:virvine@uvic.ca)

#### Expertise:

- Educational technology
- Multi-access learning
- 21st-century learning/innovation in learning designs
- Integration and evaluation of technology and media in education
- Distributed e-learning models
- Connected learning via social media
- Theories of technology adoption
- Educational change
- Personalized learning
- Online learning community development

<h3>Expertise Profile</h3>

How often do we hear about students graduating from a program without the skills necessary for the workforce?

Valerie Irvine, a professor of educational technology in the Faculty of Education, is finding innovative ways for students to get the most out of their learning experience, shifting the focus of education from curriculum content to supporting the learner's interests and aptitudes first and foremost.

"Almost any profession requires the ability to project-manage your own work," she says.

But most higher education institutions only offer programs or courses that are either face-to-face or online and don't leave much room for personalized learning.

Dr. Irvine co-directs the Technology Integration and Evaluation Research Lab at UVic, where she conducts studies on multi-access learning - a model that merges different ways of accessing education.

She designs her own classes to be multi-access. Students can choose to attend a course face-to-face, log in online or follow lectures via video conferencing.

"This method offers a richer and more dynamic student body," she says. "It changes the very nature of a university's identity."

A connected student from anywhere in the world can attend a class based on this model, without being restricted by location and affordability to live close to campus.

Dr. Irvine plans to expand multi-access learning to other institutions to evaluate its effectiveness. Her goal is for education to be focused more on the inquiry and learning process and less on material that needs to be memorized.

Dr. Irvine is also interested in using technological tools such as blogging and social media to enhance student learning in class. She sees blogging as a form of curating course material, allowing students to archive their own ideas and remember them better.

<h3>Related Links</h3>

Dr. Irvine's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=pOQbVuWL\\_04](http://www.youtube.com/watch?v=pOQbVuWL_04)

### Karen Kobayashi

Sociology  
Phone: (250) 721-7574  
E-mail: [kmkobay@uvic.ca](mailto:kmkobay@uvic.ca)  
Languages: Japanese

#### Expertise:

- Aging
- Ethnicity
- Health
- Family
- Mixed Methods in Social Research

### Donald Lindsay

Prof.  
Psychology  
Phone: (250) 721-8593  
E-mail: [slindsay@uvic.ca](mailto:slindsay@uvic.ca)

#### Expertise:

- Psychology
- Cognitive Psychology
- Human memory
- Eyewitness memory

### Douglas Magnuson

Child and Youth Care  
Phone: (250) 721-6479  
E-mail: [doug@uvic.ca](mailto:doug@uvic.ca)

#### Expertise:

- Youth Development
- Youth Work
- Evaluation Models
- Child protection practice
- Quantitative and qualitative methods

## Helen Raptis

Associate Professor  
Curriculum and Instruction

Phone: (250) 472-5076

E-mail: hraptis@uvic.ca

Languages: French, Spanish and Greek

### Expertise:

- Intersection of government policy and minority learners
- Social and historical foundations of education in British Columbia
- Multicultural and anti-racist education
- School effectiveness and school improvement
- Examination of two generations of Tsimshian learners (from the Terrace region) to understand how government policies of segregation and integration shaped their schooling and their adulthood.

### Expertise Profile

Residential schools represent part of the story in understanding education and Indigenous communities, says Dr. Helen Raptis.

The professor in Curriculum and Instruction studies the history of education, specifically the intersection of minority learners and formal education systems.

Looking at the period from 1900-1969, Dr. Raptis has determined that more Indigenous students attended on-reserve day schools than residential schools.

She is contributing to a fuller story on Indigenous communities by examining how Aboriginal children transitioned from Aboriginal day schools to public schools.

In a recent project, Dr. Raptis collected narratives from two generations of Tsimshian learners to see how government policies of segregation and integration impacted their schooling and transition to adulthood.

Her findings enabled both the elders and their offspring to know more about each other and their own communities. It also showed that day schools were less benign than historians have previously thought.

Understanding the history of education can help us avoid the pitfalls of the past and enable learners of all genders, race, and culture to succeed at school, she says. Her research may even help us understand why the high school graduation rate for Aboriginal students is around 60 per cent.

Dr. Raptis's background in government consulting and teaching prior to becoming a professor gives her a multi-faceted approach to delivering classes.

In addition to her work with Indigenous communities, Dr. Raptis is also working on an interactive website, The Educational Heritage Museum, to enhance the learning

and teaching of education history. The project is a partnership with Lower Vancouver Island Retired Teachers and UVic's Faculty of Education.

### Related Links

Dr. Raptis' Faces of UVic Research video:  
[http://www.youtube.com/watch?v=tWMf2n\\_LvPQ](http://www.youtube.com/watch?v=tWMf2n_LvPQ)

The Education Heritage Museum website:  
[www.educationheritage.ca](http://www.educationheritage.ca)

## Debra Sheets

School of Nursing

Phone: (250) 853-3947

E-mail: dsheets@uvic.ca

### Expertise:

gerontology, geriatric nursing, healthy aging, creativity and quality of life, aging with physical disability, family caregiving, end and evaluation

## Kelli Stajduhar

Associate Professor

Nursing

Aging, Centre on

Phone: (250) 721-7487

E-mail: kis@uvic.ca

### Expertise:

- Palliative and end of life care
- Home care and family caregiving
- Oncology
- HIV/AIDS
- Vulnerable and marginalized populations
- Gerontology
- Qualitative and quantitative methodologies

### Expertise Profile

If there's one absolute certainty in life, it's that we will all eventually die.

When we do, we hope that the health system and those who work in it are there to support us and our family members.

Dr. Kelli Stajduhar, an associate professor in the School of Nursing at the University of Victoria, is committed to quality end of life care for any person who is dying, of any illness, regardless of where they are being cared for.

Her research focuses on identifying the elements needed for a comprehensive and coordinated system of health care for people at the end of their lives.

Dr. Stajduhar is co-leader of an initiative aimed at integrating palliative philosophies and services earlier into nursing care for people with life-limiting or chronic illness.

This palliative approach will move conversations about a patient's comfort and their needs and wishes for

## HUMAN & SOCIAL DEVELOPMENT

end-of-life care earlier in their disease trajectory.

Dr. Stajduhar's other line of research focuses on family caregiving and the impact on families when they are providing care at home to people who are dying.

Her findings are informing policy development and front-line practice, and changing health care as we know it.

Dr. Stajduhar brings her passion for research into the classroom.

"I don't see any separation between teaching and research," she says. "I use my findings to develop curriculum and to capture students' attention, and their questions inspire new avenues of research."

<h3>Related Links</h3>

Dr. Stajduhar's Faces of UVic Research video:  
<http://youtu.be/O3CVEMGtbZg>

### James Tanaka

Professor

Psychology

Phone: (250) 721-7541

E-mail: [jtanaka@uvic.ca](mailto:jtanaka@uvic.ca)

#### Expertise:

- The cognitive and neurological processes underlying object and face recognition
- The perceptual processes involved in expert object recognition
- Applying the principles of perceptual expertise to teach children with autism how to recognize faces
- Developing new technologies to help kids recognize faces

<h3>Expertise Profile</h3>

What's the first thing you notice upon entering a room?

For most of us, it's people or, more specifically, people's faces. Individuals with autism, however, are just as likely to first notice a chair, book or painting.

Dr. Jim Tanaka, a cognitive neuroscientist, has developed a computer program called "Let's Face it!" that may improve the face processing abilities of children with autism by jumpstarting the area of the brain that recognizes faces.

The most recent addition to the program is Scrapbook, an iPad app that can take pictures of a child's friends, family and teachers and then give the child use of those faces to play different games.

Dr. Tanaka explains how with practice, children with autism have shown great improvement in their ability to recognize faces. He hopes in the long run that these new technologies will also improve their social skills and ability to pick up on emotional cues.

Dr. Tanaka helms the Visual Cognition Lab at the University of Victoria and is director of the Centre for Autism Research, Technology and Education on campus.

He recruits undergraduate and graduate students from psychology, computer science, education and counselling to help with his research. They are given the unique opportunity to work in schools and in the lab with the children, where they can see first-hand the outcomes of their work.

<h3>Related Links</h3>

Dr. Tanaka's Faces of UVic Research video:  
<http://youtu.be/KyYfitNePak>

The Visual Cognition Lab:

<http://web.uvic.ca/psyc/vizcoglab/>

The Centre for Autism Research, Technology and Education: <http://web.uvic.ca/~carte/index.html>

### Rebecca Warburton

Assistant Professor

Public Administration

Phone: (250) 721-8066

E-mail: [rnwarbur@uvic.ca](mailto:rnwarbur@uvic.ca)

Languages: French

#### Expertise:

I'm a health economist interested in evidence-based policy and practice. Specific interests include patient safety, low-income populations, health technology assessment, and research using administrative data.

## CHILD AND YOUTH CARE

### James Anglin

Child and Youth Care

Phone: (250) 721-8550

E-mail: [janglin@uvic.ca](mailto:janglin@uvic.ca)

#### Expertise:

Assessment of Education and Training Needs in Human Services  
Parent Education and Parent Support  
Qualitative Research Approaches, Grounded Theory  
International Child and Youth Care  
Residential Child and Youth Care  
Quality Assurance in Child and Family Services  
Child Advocacy and Youth in Care

**Jeffrey Ansloos**

Assistant Professor and Registered Psychologist  
 Human and Social Development  
 Child and Youth Care  
 Centre for Youth and Society  
*Phone:* (250) 721-7990  
*E-mail:* ansloos@uvic.ca  
*Languages:* Basic conversational proficiency in French  
 and Spanish

**Expertise:**

Narrative and Arts-Based Research  
 Youth engagement in public policy development  
 Indigenous youth mental health  
 Indigenous rights  
 Identity-based conflict, violence prevention, and  
 peace-building  
 Ethics of violence, nonviolence, and reconciliation  
 Youth activism and social movements  
 Youth migration, displacement, and resettlement  
 Refugee mental health policy in the Middle East and  
 North Africa

**Sibylle Talmon-Gros Artz**

Child and Youth Care  
*Phone:* (250) 721-6472  
*E-mail:* sartz@uvic.ca  
*Languages:* German

**Expertise:**

School-Based Violence and Violence Prevention; Ways of  
 Knowing; Gender Issues and Violent Girls; The Theory  
 Practice-Relationship in Human and Social Development.

**Wanda Boyer**

Educational Psychology & Leadership Studies  
*Phone:* (250) 721-7814  
*E-mail:* wboyer@uvic.ca

**Expertise:**

Self-Regulation of Preschool and Elementary Aged  
 Children  
 Early Childhood  
 Elementary Education  
 Childhood Development  
 The Advancement of Preservice and Inservice Educative  
 Practices to Promote Self-Regulation in Preschool and  
 Elementary Aged Children.

**Douglas Magnuson**

Child and Youth Care  
*Phone:* (250) 721-6479  
*E-mail:* dougm@uvic.ca

**Expertise:**

Youth Development  
 Youth Work  
 Evaluation Models  
 Child protection practice  
 Quantitative and qualitative methods

**Jason Price**

Curriculum and Instruction  
*Phone:* (250) 721-7830  
*E-mail:* jasonp@uvic.ca

**Expertise:**

Indigenous and alternative education, Education for  
 democracy and political literacy, "Citizenship Education",  
 alternative conceptions of social, economic, and  
 ecological democracy, educators political literacy, mass  
 media and education

**HEALTH INFORMATION SCIENCE**

**Eike-Henner Kluge**

Philosophy  
*Phone:* (250) 721-7519  
*E-mail:* ekluge@uvic.ca  
*Languages:* German

**Expertise:**

Medical Informatics (security, confidentiality, privacy,  
 etc. of electronic health records)  
 Police ethics  
 Biomedical ethics focusing on ownership and patenting of  
 tissue, informed consent, competence, codes of ethics,  
 physicians and the pharmaceutical industry.  
 History of medieval thought

**INDIGENOUS GOVERNANCE PROGRAM**

**Jeff Corntassel**

Indigenous Governance Program  
 Political Science  
*Phone:* (250) 721-6440  
*E-mail:* ctassel@uvic.ca  
*Languages:* Tsalagi (Cherokee)

**Expertise:**

Global Indigenous Rights  
 Indigenous governance  
 Self-Determination  
 Decolonization movements  
 Indigenous Political Mobilization  
 International Law/Organizations

**Robina Thomas**

School of Social Work  
*Phone:* (250) 472-4877  
*E-mail:* robinat@uvic.ca

**Expertise:**

First Nations Issues  
 Residential Schools  
 Storytelling  
 Anti-Racism

**NURSING**

**Carol McDonald**

School of Nursing  
Phone: (250) 472-5280  
E-mail: carolmcd@uvic.ca

**Expertise:**

Research interests with lesbian women and in particular the intersection of multiple oppressions experienced as heterosexism/ageism/ableism in health and social services.

**Bernie Pauly**

Associate Professor  
Nursing  
Centre for Addictions Research of BC  
Phone: (250) 472-5915  
E-mail: bpauly@uvic.ca

**Expertise:**

- Interventions to prevent harms associated with substance use and homelessness
- Promotion of health equity
- Removing barriers to health care services
- Evaluation of the implementation and effectiveness of harm reduction services including managed alcohol programs
- Evaluation of transitional housing interventions

<h3>Expertise Profile</h3>

<h3>Related Links</h3>

Dr. Pauly's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=d9MFTsDUWiI>

**Margaret Scaia**

Senior Instructor  
Nursing  
Phone: (250) 721-7963  
E-mail: mrscaia@uvic.ca

**Debra Sheets**

School of Nursing  
Phone: (250) 853-3947  
E-mail: dsheets@uvic.ca

**Expertise:**

gerontology, geriatric nursing, healthy aging, creativity and quality of life, aging with physical disability, family caregiving, end and evaluation

**Kelli Stajduhar**

Associate Professor  
Nursing  
Aging, Centre on  
Phone: (250) 721-7487  
E-mail: kis@uvic.ca

**Expertise:**

- Palliative and end of life care
- Home care and family caregiving
- Oncology
- HIV/AIDS
- Vulnerable and marginalized populations
- Gerontology
- Qualitative and quantitative methodologies

<h3>Expertise Profile</h3>

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This palliative approach will move conversations about a patient's comfort and their needs and wishes for end-of-life care earlier in their disease trajectory.

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"I don't see any separation between teaching and research," she says. "I use my findings to develop curriculum and to capture students' attention, and their questions inspire new avenues of research."

<h3>Related Links</h3>

Dr. Stajduhar's Faces of UVic Research video:  
<http://youtu.be/O3CVEMGtbZg>

**Rosalie Starzomski**

School of Nursing  
*E-mail:* rosestar@uvic.ca

**Expertise:**

Organ Donation  
 Transplantation  
 Nephrology Nursing  
 Ethno-Cultural Attitudes and Beliefs About Organ Donation  
 Nursing Ethics

Biotechnology  
 Social and Ethical Implications of Genetic Testing  
 Health Care Ethics  
 Nursing Ethics  
 Health Policy  
 Advanced Nursing Practice  
 Community Involvement in Health Care Decision Making

**PUBLIC ADMINISTRATION****Emmanuel Brunet-Jailly**

Professor  
 Public Administration  
 Human and Social Development  
 Political Science  
*E-mail:* ebrunetj@uvic.ca

*Languages:* French

**Expertise:**

Comparative politics  
 Urban politics and governance  
 Comparative urban politics and policies  
 Comparative border cities and regions

**<h3>Expertise Profile</h3>**

As the head of the largest Canadian research program on borders, Political Scientist Emmanuel Brunet-Jailly works with over 90 researchers around the world to view borders from many perspectives, including history, governance, crossing flows, cultures, security and environmental sustainability,

The findings will have tremendous impact on public policy and our understanding of borders around the world," says Dr. Brunet-Jailly, who notes that what we understand about borders are changing. "Borders are being influenced by technology--especially information and communication technologies--in ways we're just beginning to understand," he says.

Walls are no longer effective--people travel around, above and below walls. It is far more effective for governments--as do the Canadian and American governments--to work together to create a secure border, which is invisible to the eye.

However, this also affects the relative positioning of borders. Border patrols can now work, not only at the borderline, but also in surrounding regions. In Canada, a border control can stop you 20 miles from the actual boundary. You can also cross borders without passing the

actual borderline. You can sit in a Canadian airport, and simultaneously be stranded between two countries.

As a teacher, Dr. Brunet-Jailly uses a combination of online classes and in-class lectures and includes video clips and PowerPoints when he can. "Teaching isn't just talking to students and asking them to read books," he says. "There are all sorts of multimedia at our disposal that we can bring to the classroom."

**<h3>Related Links</h3>**

Dr. Brunet-Jailly's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=mN97WwJc8g>

**Evert Lindquist**

Public Administration  
*Phone:* (250) 721-8416  
*E-mail:* evert@uvic.ca

**Expertise:**

Public sector reform  
 Structure and organization of government  
 Impact of think tanks and research on policy-making  
 Capabilities of government.

**Richard Marcy**

Dr.  
 Public Administration  
*E-mail:* rtmarcy@uvic.ca  
*Languages:* German (Basic)

**Expertise:**

Management and Leadership Development, to include strategic management and leadership, with a special focus on the public sector. Specific areas of research include the role of scanning and foresight in leadership (particularly in social innovation and crisis management) and the development of frameworks for management and leadership development.

**Lynne Siemens**

Assistant Professor  
 Business  
 Public Administration  
*Phone:* (250) 721-8069  
*E-mail:* siemensl@uvic.ca

**Expertise:**

- Entrepreneurship and small business
- Rural economic development
- Government and business relations
- Organizational and management development in academic research teams

**<h3>Expertise Profile</h3>**

Dr. Lynne Siemens is working to help others work better - from small businesses to academia.

Building from her doctoral work, one branch of Dr. Siemens' research is focused on entrepreneurship and small business issues on Vancouver Island.

## HUMAN & SOCIAL DEVELOPMENT

She examines how the island's rural and remote enterprises overcome the challenges they face by virtue of their location outside urban areas.

Dr. Siemens travels to many remote communities to conduct interviews. She hopes to help small business owners better understand their strengths and weaknesses. This knowledge will also help government and business support organizations develop policies and programs that are in tune with these owners' contexts.

Despite an increasing use of teams in academia, Dr. Siemens has found that protocols to prepare individual researchers to work as part of a team are not widely developed.

Serving as management advisor, she is part of the Implementing New Knowledge Environments (INKE) project, a large scale, long-term digital humanities project studying the future of reading in a digital age. Dr. Siemens studies how the team collaborates and what support can be given to help them work better and more efficiently together.

Dr. Siemens is an instructor in the Master's of Public Administration program and the new Master's of Arts in Community Development program. She supports students who are already a part of the workforce apply the theories and frameworks learned in her classroom back into their work lives.

<h3>Related Links</h3>

Dr. Siemens' website: <http://lynnesiemens.wordpress.com/>

### Amy Verdun

Jean Monnet Chair

Political Science

Phone: (250) 721-7491

E-mail: [averdun@uvic.ca](mailto:averdun@uvic.ca)

Languages: Dutch, Italian, French and German

#### Expertise:

European monetary integration and the creation of a European single currency: Why and how does/did it happen?

European Governance and Enlargement

Theories of European Integration

Transatlantic Foreign and Security Policy Political

Economy of Europe

<h3>Related Links</h3>

Dr. Verdun's Faces of UVic Research video:

[http://www.youtube.com/watch?v=4\\_XrMCj6bUo](http://www.youtube.com/watch?v=4_XrMCj6bUo)

### Rebecca Warburton

Assistant Professor

Public Administration

Phone: (250) 721-8066

E-mail: [rnwarbur@uvic.ca](mailto:rnwarbur@uvic.ca)

Languages: French

#### Expertise:

I'm a health economist interested in evidence-based policy and practice. Specific interests include patient safety, low-income populations, health technology assessment, and research using administrative data.

## RESIDENTIAL CARE

### Douglas Magnuson

Child and Youth Care

Phone: (250) 721-6479

E-mail: [dougma@uvic.ca](mailto:dougma@uvic.ca)

#### Expertise:

Youth Development

Youth Work

Evaluation Models

Child protection practice

Quantitative and qualitative methods

## SOCIAL POLICY

### Jeffrey Ansloos

Assistant Professor and Registered Psychologist

Human and Social Development

Child and Youth Care

Centre for Youth and Society

Phone: (250) 721-7990

E-mail: [ansloos@uvic.ca](mailto:ansloos@uvic.ca)

Languages: Basic conversational proficiency in French and Spanish

#### Expertise:

Narrative and Arts-Based Research

Youth engagement in public policy development

Indigenous youth mental health

Indigenous rights

Identity-based conflict, violence prevention, and peace-building

Ethics of violence, nonviolence, and reconciliation

Youth activism and social movements

Youth migration, displacement, and resettlement

Refugee mental health policy in the Middle East and North Africa



**Budd Hall**

Public Administration  
 Phone: (250) 721-8062  
 E-mail: bhall@uvic.ca  
 Languages: French, Spanish and Kiswahili

**Expertise:**

- Participatory Research, Community-Based Research,
- Social Movement Learning
- Adult Education
- Global Civil Society
- Poetry and Social Movements

**Cindy Holder**

Associate Professor  
 Philosophy  
 Indigenous Governance Program  
 E-mail: clholder@uvic.ca  
 Languages: French

**Expertise:**

- human rights
- international law
- group rights (including the right to culture and indigenous peoples' rights)
- transitional justice (including truth commissions and international criminal law)
- Metaethical and normative ethical theories
- public policy ethics

Dr. Cindy Holder researches and teaches the philosophy of international law, focusing on human rights and transitions from gross and systematic human rights violations. She questions what makes international law binding and how international law is and should be applied by national political communities.

**Related Links**

Dr. Holder's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=ol\\_eajPjSkk](http://www.youtube.com/watch?v=ol_eajPjSkk)

**Ana Maria Peredo**

Professor, Director of the Centre for Co-operative and Community-Based Economy Business  
 B.C. Institute for Cooperative Studies  
 Anthropology  
 Phone: (250) 853-3558  
 E-mail: aperedo@uvic.ca  
 Languages: Spanish

**Expertise:**

- Sustainable Communities
- Community-Based Entrepreneurship
- Local Development
- Culture, Ethnicity (Indigenous Peoples) and Entrepreneurship
- Global economic impacts on local economies
- International Development
- Social Innovation

-Environmental issues and social responsibility of the business sector.  
 -Qualitative Methods:Self-Management and Not-for-Profit Sector  
**Expertise Profile**

The global poverty rate is more than just a statistic--it's the suffering of actual people who can laugh and cry, and provide us with knowledge and wisdom that we don't always recognize.

This philosophy drives the work of business professor Ana Maria Peredo who stresses that she works "with people," not "frames to fit people in," to lessen poverty.

Dr. Peredo studies how impoverished communities, especially indigenous communities, can improve their economy through grassroots and alternative business models that use the resources they already have, including their cultural traditions and values.

"Most business models look at profit maximization. I am not interested in this. I look at emerging models that improve the social, the cultural, the political, the economic life of the people. This is business for the well-being of the people and their communities."

Dr. Peredo does not want to enter communities and impose an economic or mainstream business models, as people have historically done as a way to assimilation. Instead, she wants to aid them in nurturing their own emerging models.

Cultures can have different economic systems and business models. Dr. Peredo believes that, in many cultures, communities as well as individuals can develop businesses. She says, "This kind of entrepreneurship springs from the community itself and benefits everyone in the community. It draws on local history and culture to produce increased well-being for the whole group. Entrepreneurship takes on a whole new meaning in that context."

This is something she learned while working among Indigenous groups as a journalist and Anthropologist in Peru and Bolivia. "I found the richness of their culture, the richness of their lives impressive. The western world needs a broader understanding of value: beyond the market place. Indigenous peoples have the right to have their own development path," she explains.

**Related Links**

Dr. Peredo's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=xCqp9gVAJKQ>

## HUMAN & SOCIAL DEVELOPMENT

### **Jason Price**

Curriculum and Instruction

Phone: (250) 721-7830

E-mail: jasonp@uvic.ca

#### **Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

### **Helen Raptis**

Associate Professor

Curriculum and Instruction

Phone: (250) 472-5076

E-mail: hraptis@uvic.ca

Languages: French, Spanish and Greek

#### **Expertise:**

- Intersection of government policy and minority learners
- Social and historical foundations of education in British Columbia
- Multicultural and anti-racist education
- School effectiveness and school improvement
- Examination of two generations of Tsimshian learners (from the Terrace region) to understand how government policies of segregation and integration shaped their schooling and their adulthood.

#### **Expertise Profile**

Residential schools represent part of the story in understanding education and Indigenous communities, says Dr. Helen Raptis.

The professor in Curriculum and Instruction studies the history of education, specifically the intersection of minority learners and formal education systems.

Looking at the period from 1900-1969, Dr. Raptis has determined that more Indigenous students attended on-reserve day schools than residential schools.

She is contributing to a fuller story on Indigenous communities by examining how Aboriginal children transitioned from Aboriginal day schools to public schools.

In a recent project, Dr. Raptis collected narratives from two generations of Tsimshian learners to see how government policies of segregation and integration impacted their schooling and transition to adulthood.

Her findings enabled both the elders and their offspring to know more about each other and their own communities. It also showed that day schools were less benign than historians have previously thought.

Understanding the history of education can help us avoid the pitfalls of the past and enable learners of all genders, race, and culture to succeed at school, she says. Her

research may even help us understand why the high school graduation rate for Aboriginal students is around 60 per cent.

Dr. Raptis's background in government consulting and teaching prior to becoming a professor gives her a multi-faceted approach to delivering classes.

In addition to her work with Indigenous communities, Dr. Raptis is also working on an interactive website, The Educational Heritage Museum, to enhance the learning and teaching of education history. The project is a partnership with Lower Vancouver Island Retired Teachers and UVic's Faculty of Education.

#### **Related Links**

Dr. Raptis' Faces of UVic Research video:

[http://www.youtube.com/watch?v=tWMf2n\\_LvPQ](http://www.youtube.com/watch?v=tWMf2n_LvPQ)

The Education Heritage Museum website:

[www.educationheritage.ca](http://www.educationheritage.ca)

### **Susan Strega**

Professor

School of Social Work

Phone: (250) 721-8333

E-mail: sstrega@uvic.ca

#### **Expertise:**

- Violence against women
- Sex work and the sexual exploitation of children and youth
- Child welfare
- Research practices and methodologies
- Anti-oppressive practices and teaching

#### **Expertise Profile**

Whether she's advocating for parents or children caught up in child protection, or for more resources for street sex workers, Susan Strega does so with a deep sense of social justice.

Dr. Strega is a researcher in the School of Social Work whose current work is investigating the "demand side" of street sex work.

Along with two researchers from the sociology department, Helga Hallgrimsdottir and Steven Garlick, she is conducting face-to-face interviews with a mostly invisible population - male customers of street sex workers.

Their goal is to better understand the relationship between customer behaviour and masculinity, and how relationships between these men and the sex workers they patronize affect the experiences and trajectories of workers.

In a previous project, "Someone's Mother, Sister or

Daughter," Dr. Strega and a Social Work research team - including Robina Thomas, Jeannine Carriere, and Leslie Brown - heard from street sex workers, and family members of street sex workers, in Winnipeg, Regina, Calgary and Edmonton about their lives, family relationships, and transitioning into and out of street sex work.

The team also collected and analysed media coverage of street sex work and the families of street sex workers. Among their findings, the team noted that research participants were active in resisting demeaning media coverage of workers, and advocated for themselves and other workers and family members.

Previous research projects focused on fathers and child welfare, young mothers in government care, and "failure to protect" practices and policies in child protection.

Dr. Strega's commitment to conducting research in socially just ways led her, with her colleague Leslie Brown, to edit a collection of work on socially just approaches to research, *Research as resistance (CSPI, 2005)*. A second edition of this book is forthcoming.

### <h3>Related Links</h3>

Dr. Strega's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=KPMhuECIswE>

### **Rebecca Warburton**

Assistant Professor  
 Public Administration  
*Phone:* (250) 721-8066  
*E-mail:* rnwarbur@uvic.ca  
*Languages:* French  
**Expertise:**

I'm a health economist interested in evidence-based policy and practice. Specific interests include patient safety, low-income populations, health technology assessment, and research using administrative data.

## **SOCIAL WORK**

### **James Anglin**

Child and Youth Care  
*Phone:* (250) 721-8550  
*E-mail:* janglin@uvic.ca  
**Expertise:**

Assessment of Education and Training Needs in Human Services  
 Parent Education and Parent Support  
 Qualitative Research Approaches, Grounded Theory  
 International Child and Youth Care  
 Residential Child and Youth Care  
 Quality Assurance in Child and Family Services  
 Child Advocacy and Youth in Care

### **Douglas Magnuson**

Child and Youth Care  
*Phone:* (250) 721-6479  
*E-mail:* dougm@uvic.ca  
**Expertise:**

Youth Development  
 Youth Work  
 Evaluation Models  
 Child protection practice  
 Quantitative and qualitative methods

### **Mehmoona Moosa-Mitha**

Dr.  
 School of Social Work  
*Phone:* (250) 721-8041  
*E-mail:* mehmoona@uvic.ca  
*Languages:* Gujerati and Swahili  
**Expertise:**

Citizenship Rights of Children  
 Social Policy Development in Relation to Marginalised Children  
 Anti-Racist Feminist Theorisation and Analysis  
 Child Welfare Social Work Practice

### **Susan Strega**

Professor  
 School of Social Work  
*Phone:* (250) 721-8333  
*E-mail:* sstrega@uvic.ca  
**Expertise:**

- Violence against women
- Sex work and the sexual exploitation of children and youth
- Child welfare
- Research practices and methodologies
- Anti-oppressive practices and teaching

### <h3>Expertise Profile</h3>

Whether she's advocating for parents or children caught up in child protection, or for more resources for street sex workers, Susan Strega does so with a deep sense of social justice.

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Along with two researchers from the sociology department, Helga Hallgrimsdottir and Steven Garlick, she is conducting face-to-face interviews with a mostly invisible population - male customers of street sex workers.

Their goal is to better understand the relationship between customer behaviour and masculinity, and how relationships between these men and the sex workers they patronize affect the experiences and trajectories of workers.

## HUMAN & SOCIAL DEVELOPMENT

In a previous project, "Someone's Mother, Sister or Daughter," Dr. Strega and a Social Work research team - including Robina Thomas, Jeannine Carriere, and Leslie Brown - heard from street sex workers, and family members of street sex workers, in Winnipeg, Regina, Calgary and Edmonton about their lives, family relationships, and transitioning into and out of street sex work.

The team also collected and analysed media coverage of street sex work and the families of street sex workers. Among their findings, the team noted that research participants were active in resisting demeaning media coverage of workers, and advocated for themselves and other workers and family members.

Previous research projects focused on fathers and child welfare, young mothers in government care, and "failure to protect" practices and policies in child protection.

Dr. Strega's commitment to conducting research in socially just ways led her, with her colleague Leslie Brown, to edit a collection of work on socially just approaches to research, *Research as resistance* (CSPI, 2005). A second edition of this book is forthcoming.

### <h3>Related Links</h3>

Dr. Strega's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=KpmhuECIswE>

### **Robina Thomas**

School of Social Work  
*Phone:* (250) 472-4877  
*E-mail:* robinat@uvic.ca

#### ***Expertise:***

First Nations Issues  
Residential Schools  
Storytelling  
Anti-Racism

# HUMANITIES

## CANADIAN STUDIES

### Nicholas Bradley

Assistant Professor

English

*E-mail:* nbradley@uvic.ca

*Languages:* French

#### **Expertise:**

- Literatures of the West Coast
- Literature and the Environment
- Canadian Literature

**Expertise Profile**

There has been literature on the West Coast of North America for a very long time.

As an academic discipline, however, the study of this literature is relatively new.

Dr. Nicholas Bradley is the first professor of literatures of the West Coast at the University of Victoria, and one of the few specialists in this field in the country.

He teaches a graduate course on the subject in which students learn about the poetry and prose of the region while visiting some of the local places that have shaped it.

You can learn a lot from being in the same place a writer has been, says Dr. Bradley. It's a way to put yourself in the writer's shoes and to try to understand the creative process of writing.

His research focuses on poetry of the West Coast. He looks for answers to questions such as "How do poets respond to places in their writing?" and "What knowledge of places do poems convey?"

Dr. Bradley is writing a book about poetry of the Pacific Northwest. The book examines the works of contemporary authors inspired by the West Coast and connects them to traditions of poetry and writers of the past.

Dr. Bradley also researches the historical processes in which oral traditions from the West Coast have been recorded in print and adapted by writers.

### Misao Dean

Professor

English

*Phone:* (250) 721-7253

*E-mail:* mdean@uvic.ca

#### **Expertise:**

- Early Canadian literature (19th- and early 20th-centuries)
- Representation of Aboriginal peoples in literature
- Canoes and Canoeing in Canadian culture
- Women novelists
- Motorcycling in literature

**Expertise Profile**

Canadian literature expert and literary theorist Misao Dean's most recent book is about how Canadians use the canoe as a symbol in Canadian culture.

In *Inheriting a Canoe Paddle*, Dr. Dean looks at the symbolism of the canoe in Canadian culture. "People tend to look at the canoe as a non-controversial symbol, as a natural way for a person to enjoy the landscape," she says. "But it should also make people think about the Indigenous peoples of Canada and our responsibilities towards them."

"A lot of people talk about inheriting the canoe as a technology for engaging with the landscape," she says, "but it seems to me that using the word 'inheritance' is a way of smoothing over how we actually got the canoe. Certainly most First Nations know how they got here; they're very in tune with their history. But non-Indigenous people need to reflect on our history--on how we as individuals have participated in continuing the colonization of First Nations peoples."

Dr. Dean is also interested in why people enjoy reading. "In popular culture there has been such a distinction between the academic study of books and the pleasure one gets in reading them." She adds that students often won't study English because they fear that "tearing books to pieces" will decrease their love of reading. In reality, Dr. Dean says, literary research is an expression of that love.

Dr. Dean also wants students to gain strong research skills. In her 19th-century literature course, she asks students to only quote works written before 1920 so they can learn how to access 19th-century materials from the library.

**Related Links**

Misao Dean's Faces of UVic Research video:  
[www.youtube.com/watch?v=3QLci3ugTm0](http://www.youtube.com/watch?v=3QLci3ugTm0)

## HUMANITIES

### James Dopp

Professor  
English  
*E-mail:* jdopp@uvic.ca

**Expertise:**

Canadian Literature; contemporary poetry and fiction;  
popular culture

### Graham McDonough

Curriculum and Instruction  
*Phone:* (250) 721-7779  
*E-mail:* gpmcd@uvic.ca

**Expertise:**

- Philosophy of Education
- Moral Education
- Dissent
- Minority Rights
- Religious Education and Catholic Education
- Religion/Spirituality in Schools
- Philosophy in High Schools

#### Expertise Profile

You can express disagreement on an issue while remaining part of the larger group with which you disagree, says Dr. Graham McDonough.

The philosophy of education professor studies dissent - how we treat the people who speak out against the popular views of society or groups within it, and in a way that benefits other minority members who are oppressed by the majority group.

Specifically, Dr. McDonough looks at dissent in the context of religious education in publicly-funded Catholic schools. Some Catholic students and parents in these schools experience frustration because the church disapproves of artificial contraception and considers homosexuality "disordered." Others perceive a lack of support when their complaints that the school is "not Catholic enough" seem to have no impact.

His book, *Beyond Obedience and Abandonment: Toward a Theory of Dissent in Catholic Education*, further explores these inner conflicts and challenges 21st-century Catholic schools to provide more support for dissenting views. Doing so will overcome the limitations of thinking that there is only one way to be Catholic.

"I would love to see more examples of diversity within religious groups or in any group generally so that one spokesperson who has a lot of control doesn't necessarily speak for everybody," he says.

Dr. McDonough likes to "put the experience before the theory" when teaching the philosophy of education. Students engage in role-playing and then discuss the merits, contributions and treatment of the minority view.

## CHRISTIANITY

### Mitchell Hammond

History  
*E-mail:* mlewham@uvic.ca  
*Languages:* German

**Expertise:**

History of medicine and public health, relationship of religious beliefs and institutions to health care. My primary focus is 16th/17th century Europe, especially Germany.

### Catherine Harding

History in Art  
Medieval Studies  
*Phone:* (250) 721-6304  
*E-mail:* charding@uvic.ca  
*Languages:* Italian

**Expertise:**

Orvieto cathedral  
Illustrated books of the later Middle Ages

### Graham McDonough

Curriculum and Instruction  
*Phone:* (250) 721-7779  
*E-mail:* gpmcd@uvic.ca

**Expertise:**

- Philosophy of Education
- Moral Education
- Dissent
- Minority Rights
- Religious Education and Catholic Education
- Religion/Spirituality in Schools
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Dr. McDonough likes to "put the experience before the theory" when teaching the philosophy of education. Students engage in role-playing and then discuss the merits, contributions and treatment of the minority view.

### Paul Wood

History

Phone: (250) 721-7289

E-mail: pbwood@uvic.ca

#### Expertise:

My research focusses on the relations between the natural and human sciences in the European Enlightenment.

## ENGLISH

### G. Blank

Professor

English

Phone: (250) 721-7239

E-mail: gkblank@uvic.ca

#### Expertise:

- Popular culture
  - Media
  - News media
  - English Romantic Poetry
  - Critical Theory
  - Writing and Composition
  - Wordiness
  - Close reading of poetry; explication
- <h3>Expertise Profile</h3>  
 English literature professor Kim Blank says the Romantic poets--who wrote between 1790 and 1830--were very much modern thinkers.

"Romantic thinking and expression is still very much a part of how we 'see' and 'do' the world, even though we may not be aware of it."

The Romantics dealt with issues that feel contemporary, such as human rights, ecology, and politics, and their work remains central to our cultural history. Many of our beliefs and values originated in their writings, so when we read them, we often feel that we are reading works that have continuing relevance.

Dr. Blank studies and teaches the works of William Wordsworth, John Keats, Percy Shelley, and the major Romantic poets. During the aftermath of the French Revolution in the 1790s, they wrote poetry that, in its democratic impulse, became language for and about the people. "In different ways, all were reformers." Along with his interest in poetry, he has also co-authored a

well-used resource on how to interpret poetry:  
<http://web.uvic.ca/~englblog/closereading>.

Dr. Blank has also published textbooks and guides on the topic of writing and composition, though his online compilation of over 500 wordy phrases might be the most popular writing resource he has produced. The list includes phrases such as "appears on the surface to be" or "as a matter of fact" and provides possible replacements such as "this appears to be" or "in fact." He has published the list at <http://web.uvic.ca/~gkblank/wordiness.html>. "The world has only so much space," he says. "When you write, your job is to use that space carefully."

#### <h3>Related Links</h3>

Dr. Blank's Faces of UVic Research Video:

<https://www.youtube.com/watch?v=Gpi0m8wMShg&feature=youtu.be>

### Nicholas Bradley

Assistant Professor

English

E-mail: nbradley@uvic.ca

Languages: French

#### Expertise:

- Literatures of the West Coast
- Literature and the Environment
- Canadian Literature

#### <h3>Expertise Profile</h3>

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## HUMANITIES

Dr. Bradley also researches the historical processes in which oral traditions from the West Coast have been recorded in print and adapted by writers.

### **Alison Chapman**

English

*Phone:* (250) 853-3741

*E-mail:* alisonc@uvic.ca

*Languages:* Italian (read)

#### **Expertise:**

Victorian literature and culture (especially poetry, women's writing, the Rossettis, the Brownings, Anglo-Italian and European studies)

### **Misao Dean**

Professor

English

*Phone:* (250) 721-7253

*E-mail:* mdean@uvic.ca

#### **Expertise:**

- Early Canadian literature (19th- and early 20th-centuries)
- Representation of Aboriginal peoples in literature
- Canoes and Canoeing in Canadian culture
- Women novelists
- Motorcycling in literature

#### **Expertise Profile**

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Dr. Dean is also interested in why people enjoy reading. "In popular culture there has been such a distinction between the academic study of books and the pleasure one gets in reading them." She adds that students often won't study English because they fear that "tearing books to pieces" will decrease their love of reading. In reality, Dr. Dean says, literary research is an expression of that love.

Dr. Dean also wants students to gain strong research skills. In her 19th-century literature course, she asks students to only quote works written before 1920 so they can learn how to access 19th-century materials from the library.

#### **Related Links**

Misao Dean's Faces of UVic Research video:

[www.youtube.com/watch?v=3QLci3ugTm0](http://www.youtube.com/watch?v=3QLci3ugTm0)

### **James Dopp**

Professor

English

*E-mail:* jdopp@uvic.ca

#### **Expertise:**

Canadian Literature; contemporary poetry and fiction; popular culture

### **James Gifford**

English

#### **Expertise:**

My primary area of research is 20th century British and American literature, with particular emphasis on the authors Lawrence Durrell, Robert Graves, Henry Miller, Elizabeth Smart, Malcolm Lowry, and Dylan Thomas.

### **Emmanuel Herique**

French

*Phone:* (250) 595-2544

*E-mail:* herique@uvic.ca

*Languages:* French, German, Spanish, Japanese and Arabic

#### **Expertise:**

General linguistics, Phonetics  
French and English languages  
Editing explorers' journals (18-19th c.)  
Translation, Interpreting

### **Iain Higgins**

Professor

English

Medieval Studies

*Phone:* (250) 721-7234

*E-mail:* englchr@uvic.ca

#### **Expertise:**

- Medieval English, Scottish and French literature
- Contemporary Canadian poetry
- Medieval travel writing

#### **Expertise Profile**

What's the difference between a medieval romance story and Star Wars?

Dr. Iain Higgins, professor in the Department of English and the Medieval Studies Program at the University of Victoria, claims there isn't one.

Yes, the knight now drives a spaceship instead of riding a horse, but he's still on a quest to do battle and save a



princess.

Dr. Higgins studies later medieval English, Scottish, and French literature, travel writing, and poetry, both medieval and modern.

In his classes, he teaches students that connections like these are not merely coincidental. If the plot of a medieval romance is still around today, perhaps some of those assumptions about violence, heroism and gender are still in place in the 21st century too.

Dr. Higgins has a longstanding interest in a late 14th century travel book called *The Book of John Mandeville*, which was a medieval bestseller that shows how cultural assumptions help shape understanding. This fictive account of an English knight's memories of the East between Constantinople and the Earthly Paradise is based on genuine travel books and other reliable sources, including encyclopedias.

The book was so widely read that it influenced Christopher Columbus on his arrival in the Americas. To this day, the confusion we face with the term "Indian" can be traced back to the travel writing of the medieval period.

Dr. Higgins recently published a translation of *The Book of John Mandeville* accompanied not only by detailed annotation and commentary, but also by a selection of substantial excerpts from its various sources and variants. The author's changes to his sources and the changes made to his book show us how cultural understanding is shaped and reshaped over time.

By pursuing his own passion, he hopes to inspire students to do the same.

Dr. Higgins is both a poetry lover and a poetry writer - he published his first collection called *Then Again* in 2005 and is working on a second.

### Related Links

Dr. Higgins' Faces of UVic Research video:  
<http://youtu.be/iXjL90enZGk>

### Janelle Jenstad

Professor  
 English

Phone: (250) 721-7245

E-mail: [jenstad@uvic.ca](mailto:jenstad@uvic.ca)

Languages: French

#### Expertise:

- Shakespeare in performance
- Editing and bibliography
- The literature and culture of London in the 16th and 17th centuries
- Digital humanities, GIS, and text encoding
- London livery companies and civic pageantry

### Expertise Profile

Dr. Janelle Jenstad is interested in building communities for scholars, students and the public alike.

As founder and director of *The Map of Early Modern London*, she digitally maps cultural documents onto a bird's-eye view of 16th- and 17th-century London, England.

In the same way that maps were used in Shakespeare's time to build a community identity among newcomers flocking to London, Dr. Jenstad's digital map is attracting a widening circle of online devotees.

She is also the assistant coordinating editor of *Internet Shakespeare Editions (ISE)*. The ISE receives over a million hits a month and is used in rehearsal halls and classrooms around the world.

As a professor in the Department of English at the University of Victoria, Dr. Jenstad is increasingly interested in how students learn.

She is certified to administer the Myers-Briggs Type Indicator test, a personality assessment tool commonly given to college and university students. This comes in handy when she's mentoring teaching assistants on how to teach -- they can learn their type to find their own personalized teaching style.

Dr. Jenstad also lectures regularly on Shakespeare in performance for classes and audiences across Canada, and writes about Canadian productions and adaptations of Shakespeare. She has curated two exhibits on Shakespeare and opera in partnership with Pacific Opera Victoria.

Dr. Jenstad's research interests include Shakespeare and his contemporaries, editing, mapping literature, early modern London, and digital humanities.

### Related Links

Dr. Jenstad's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=klkLh76fOc8>

*The Map of Early Modern London*  
<http://mapoflondon.uvic.ca>

*Internet Shakespeare Editions*  
<http://internetshakespeare.uvic.ca>

## HUMANITIES

### **Magdalena Kay**

Professor

English

Phone: (250) 721-7268

E-mail: magdakay@uvic.ca

Languages: Polish

**Expertise:**

modern and contemporary British literature, with a focus on Irish poetry; comparative literature; modern and contemporary Polish poetry; postcolonialism; poetics.

### **Erin Kelly**

English

Phone: (250) 853-3738

E-mail: ekelly@uvic.ca

**Expertise:**

English renaissance drama (Shakespeare and his contemporaries, early Tudor drama); early modern women writers; history of the book; reformation religious discourse; writing, rhetoric, and composition pedagogy; current book project in progress focuses on representations of religious conversion in early modern English drama; editing Taming of the Shrew for the Internet Shakespeare editions

### **David Leach**

Writing

Phone: (250) 721-7627

E-mail: dleach@uvic.ca

**Expertise:**

- Magazine writing, editing and publishing creative non-fiction
- Literary journalism
- Humour writing
- Investigative journalism
- Adventure sports and eco-tourism
- Arts and culture journalism

**Expertise Profile**

Journalist and instructor David Leach would learn an important lesson after running away from university in his early 20s.

Communal living, as he saw it while staying on Kibbutz Shamir in Israel for nearly a year, is based on a sense of shared identity and common purpose he thought was useful for other communities to learn from.

Leach noticed that even their landscape design, with a ring road to keep cars to the periphery and house buildings on the inside, influenced the way people interacted with each other.

He's writing a book exploring how the Kibbutz movement changed over the years and what we can learn from their successes and failures. Leach wants people to have a deeper appreciation for the power of story and myth to bind communities together.

The art of the narrative is the umbilical cord that connects his research to his teaching. At UVic, Leach is the director of both the Professional Writing and Technology in Society programs.

Leach creates a sense of community in his classes and encourages his students to collaborate with different disciplines to see the world through other people's eyes. Students work in groups and role-play as magazine editors or entrepreneurs to tell their stories to their audience.

Leach's first book, "Fatal Tide: When the Race of a Lifetime Goes Wrong," is an investigative piece told as a narrative that won the Special Jury Mention at the Banff International Mountain Book Festival. It reflects his wider interests in outdoor sports and the environment.

**Related Links**

David Leach's Faces of UVic Research video:

<http://www.youtube.com/watch?v=CeFWPd0Lt4M>

### **Stephen Ross**

Associate Professor

English

Phone: (250) 721-7237

E-mail: saross@uvic.ca

Languages: French

**Expertise:**

- Modernism
- The novel
- Modern British literature
- Literary and critical theory
- Psychoanalysis
- Marxism
- Globalisation

**Expertise Profile**

Dr. Stephen Ross is pushing modernist studies out in new directions.

He is a founding co-director of the Modernist Versions Project (MVP), which is based in the Maker Lab at the University of Victoria.

The MVP aims to spark an interest in differing versions of the same text by making available multiple online versions of early 20th-century literary novels and other texts. From the MVP website these can be studied, searched, and compared.

This unique method of analyzing literature makes it possible to find variations that would be almost impossible to find without a computer.

With different versions of, for example, James Joyce's Ulysses, Dr. Ross can make connections between when a version was published and the kinds of cultural changes that were happening at that time.

Modernism itself closely mirrors cultural change, as it is

characterized by experimentation and a self-conscious break with traditional styles.

Dr. Ross is currently serving as general editor of the Routledge Encyclopedia of Modernism online. It will feature entries on all aspects of modernism across the arts, across time, and around the world.

Still a work-in-progress, the encyclopedia will let you sort, organize and discover information in new and exciting ways.

Dr. Ross teaches in the Department of English and in the Interdisciplinary Program in Cultural, Social and Political Thought. He also gives a community lecture on the English ghost story.

He finds teaching and public speaking to be excellent ways of bringing his work directly to the public, showing them where it's going and why it's important.

### **Lincoln Shlensky**

English

*Phone:* (250) 721-6206

*E-mail:* shlensky@uvic.ca

*Languages:* French, Hebrew, Spanish

#### **Expertise:**

I conduct research in the areas of international and American cinema studies and film, postcolonialism, cultural studies, and Holocaust studies. My research interests and background are described in greater detail at [www.shlensky.com](http://www.shlensky.com).

### **Lisa Surridge**

Professor

English

*Phone:* (250) 721-7246

*E-mail:* lsurridg@uvic.ca

#### **Expertise:**

- Victorian literature and culture
- Illustrated serial fiction
- Marital violence in Victorian fiction
- Legal writing for lawyers, judges and prosecutors

[Expertise Profile](#)

Victorian readers of serial fiction experienced a very different mode of novel reading from the one we know today.

Stories such as *The Adventures of Sherlock Holmes*, *Oliver Twist* or *Cranford* were originally printed in magazines or published in installments over an extended period of time.

Dr. Lisa Surridge in the Department of English at the University of Victoria describes Victorian-era reading as akin to the way we watch a contemporary television series: bit by bit, with periods of suspense and reflection in between.

Along with Dr. Mary Elizabeth Leighton, also from the English department, Dr. Surridge is working on a book that looks at the role of illustration in Victorian serial novels. Together, they are investigating how Victorian readers combined two ways of knowing the world: the visual and the verbal.

Dr. Surridge is an advocate for studying the material book and is proud to note that UVic is one of few universities that is digitizing Victorian periodicals but also keeping the original text in its archives.

She spends much of her time down in Special Collections in the library, both in her research and her teaching. She feels that it is important to give her students the sense of what it was like to hold and read a Victorian novel.

Dr. Surridge is the author of a book on marital violence in Victorian fiction and has authored articles on Victorian serial fiction and Victorian illustration as well as on the works of Charles Dickens, the Brontes, Elizabeth Gaskell and Wilkie Collins.

She also teaches writing to lawyers, judges, and prosecutors in workshops and seminars across Canada.

## **ETHICS/MORALITY**

### **Daniel German**

Associate Professor

Computer Science

*Phone:* (250) 472-5790

*E-mail:* dmg@uvic.ca

*Languages:* Spanish

#### **Expertise:**

The study of the evolution of software.

The study of open source software engineering.

The impact of the licensing of intellectual property in software development.

<h3>Degrees</h3>

Ph.D. (Waterloo)

### **Mitchell Hammond**

History

*E-mail:* mlewham@uvic.ca

*Languages:* German

#### **Expertise:**

History of medicine and public health, relationship of religious beliefs and institutions to health care. My primary focus is 16th/17th century Europe, especially Germany.

## HUMANITIES

### **Cindy Holder**

Associate Professor  
Philosophy  
Indigenous Governance Program  
*E-mail:* clholder@uvic.ca

*Languages:* French

***Expertise:***

- human rights
- international law
- group rights (including the right to culture and indigenous peoples' rights)
- transitional justice (including truth commissions and international criminal law)
- Metaethical and normative ethical theories
- public policy ethics

Dr. Cindy Holder researches and teaches the philosophy of international law, focusing on human rights and transitions from gross and systematic human rights violations. She questions what makes international law binding and how international law is and should be applied by national political communities.

### <h3>Related Links</h3>

Dr. Holder's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=ol\\_eajPjSkk](http://www.youtube.com/watch?v=ol_eajPjSkk)

### **Eike-Henner Kluge**

Philosophy  
*Phone:* (250) 721-7519  
*E-mail:* ekluge@uvic.ca  
*Languages:* German

***Expertise:***

- Medical Informatics (security, confidentiality, privacy, etc. of electronic health records)
- Police ethics
- Biomedical ethics focusing on ownership and patenting of tissue, informed consent, competence, codes of ethics, physicians and the pharmaceutical industry.
- History of medieval thought

### **Colin Macleod**

Associate Professor  
Faculty of Law  
Philosophy  
Political Science  
*Phone:* (250) 721-7521  
*E-mail:* cmacleod@uvic.ca

***Expertise:***

- Contemporary moral and political philosophy (especially theories of justice, children's rights and democratic ethics)
- Philosophy of law

### <h3>Expertise Profile</h3>

For Dr. Colin Macleod, philosophy is as much about connecting to real on the ground problems as it is about debating an idea.

Dr. Macleod conducts research in democratic ethics and theory and examines the responsibilities of the various groups that make up a democratic society - citizens, politicians, political strategists and the media.

He has extensive knowledge of law and politics, which allows him to comment on the equality and morality of our own democratic system here in Canada.

His hope is to engage his students and society in considering what "justice" really means. How can we create a more just society?

Much of Dr. Macleod's work focuses on children and family justice and children's rights.

One research project looks at justice in the education system. The study considers what access to educational resources - like textbooks and school supplies - children in a just society should have.

Another project considers the place of religion in US public education.

Dr. Macleod is one of the founders of the Consortium on Democratic Constitutionalism (DEMCON) at UVic. The consortium is an interdisciplinary and international group of legal, political and social theorists who work on questions of constitutional theory, design and practice.

Dr. Macleod has published multiple articles and volumes on various subjects including contemporary moral and political philosophy, justice and equality, democratic theory, the nature of law, and children's rights.

### <h3>Related Links</h3>

Dr. Macleod's website:  
[http://web.uvic.ca/~cmacleod/Colin\\_Macleod/Welcome.html](http://web.uvic.ca/~cmacleod/Colin_Macleod/Welcome.html)

### **Graham McDonough**

Curriculum and Instruction  
*Phone:* (250) 721-7779  
*E-mail:* gpmcd@uvic.ca

***Expertise:***

- Philosophy of Education
- Moral Education
- Dissent
- Minority Rights
- Religious Education and Catholic Education
- Religion/Spirituality in Schools
- Philosophy in High Schools

### <h3>Expertise Profile</h3>

You can express disagreement on an issue while remaining part of the larger group with which you disagree, says Dr. Graham McDonough.

The philosophy of education professor studies dissent -

how we treat the people who speak out against the popular views of society or groups within it, and in a way that benefits other minority members who are oppressed by the majority group.

Specifically, Dr. McDonough looks at dissent in the context of religious education in publicly-funded Catholic schools. Some Catholic students and parents in these schools experience frustration because the church disapproves of artificial contraception and considers homosexuality "disordered." Others perceive a lack of support when their complaints that the school is "not Catholic enough" seem to have no impact.

His book, *Beyond Obedience and Abandonment: Toward a Theory of Dissent in Catholic Education*, further explores these inner conflicts and challenges 21st-century Catholic schools to provide more support for dissenting views. Doing so will overcome the limitations of thinking that there is only one way to be Catholic.

"I would love to see more examples of diversity within religious groups or in any group generally so that one spokesperson who has a lot of control doesn't necessarily speak for everybody," he says.

Dr. McDonough likes to "put the experience before the theory" when teaching the philosophy of education. Students engage in role-playing and then discuss the merits, contributions and treatment of the minority view.

### James Young

Professor

Philosophy

Phone: (250) 721-7509

E-mail: joy@uvic.ca

#### Expertise:

- Investigation of the aesthetic and moral issues raised by cultural appropriation
  - Relativism about the truth values of aesthetic judgements
  - Critique of deflationary theories of truth
  - Ontological questions raised by reflection on the arts
- <h3>Expertise Profile</h3>  
How do you argue the quality of Beethoven over Justin Beiber?

This is one question Dr. James Young, professor in the Department of Philosophy at the University of Victoria, works to answer.

Of particular interest to Dr. Young are the philosophy and ethics of art, of music and of language.

His work on the nature of aesthetic judgement argues that there are aesthetic facts - like the quality of Beethoven over Beiber - that overcome whether or not a piece of art or music is well liked.

Dr. Young has also written extensively on the moral

issues involved in cultural appropriation, which is when a cultural practice or artifact is adopted by a different cultural group.

Of specific interest to Dr. Young is the appropriation of First Nations works in Canada, including painting, sculpture and writing, by non First Nations artists.

To a greater extent than some philosophers, Dr. Young draws on empirical facts in his writing. He recently finished a book on the emotion inherent in music, drawing on what some psychologists say about music to develop his argument.

Dr. Young passes on to his students his own fascination with philosophy - which he asserts is at the root of all disciplines.

## FRENCH

### Helene Cazes

Professor, Director for the program of Medieval studies, and Faculty coordinator for the humanities diploma program

French

Medieval Studies

Continuing Studies

Phone: (250) 721-7367

E-mail: hcazes@uvic.ca

Languages: French and Italian

#### Expertise:

- Humanism
  - French Medieval and Renaissance literature
  - History of medicine
  - History of books and printers
  - Libraries and collections
- <h3>Expertise Profile</h3>

Why should we preserve mouldy old books that people hardly ever read?

Helene Cazes, a French professor and book historian, says old books and manuscripts can teach us a lot about ourselves. She studies medieval texts to understand how cultural legacies--ideas that we take for granted today, such as sexual equality--were passed down to us over time.

"I scratch the surface of what we take for granted, for example that parents love their children, and I put that in perspective with history," she explains. "When you do that you discover things about our own society right now, including some of our blind spots. Books are very important for self-discovery and for helping us achieve our full potential."

Dr. Cazes studies ancient treatises of medicine, for example, to see how physicians used to describe the human body, and how that informs our modern understanding of anatomy; she traces the construction, through centuries, of an ideal for body shape and

## HUMANITIES

structure. She studies the role of images for our understanding of our own bodies.

Yet Dr. Cazes does more than bury herself in ancient books. We learn about who we are and who we can become through dialogue, she says: "When we listen to one another and talk to each other, we go way beyond anything we could have reached on our own." To nurture this growth through dialogue, she often organizes interdisciplinary seminars where UVic students, scholars and community members can come together and share ideas.

### <h3>Related Links</h3>

Helene Cazes Faces of UVic Research video:  
[www.youtube.com/watch?v=5U-nzLQuDs](http://www.youtube.com/watch?v=5U-nzLQuDs)

### <h3>Awards</h3>

-UVic community leadership Award (2014)  
-Excellence in Research Humanities (2013)

### **Emile Fromet de Rosnay**

Dr

French

*E-mail:* derosnay@uvic.ca

*Languages:* French, Italian, Spanish

#### **Expertise:**

Post-Enlightenment French and Comparative Literature and culture; Romanticism, Modernism, Avant-Garde art; Critical Digital Humanities  
Critical Theory and philosophy; Postcolonial and Cultural Studies theories  
Literature and other media  
Narrative topoi

### **Emmanuel Herique**

French

*Phone:* (250) 595-2544

*E-mail:* herique@uvic.ca

*Languages:* French, German, Spanish, Japanese and Arabic

#### **Expertise:**

General linguistics, Phonetics  
French and English languages  
Editing explorers' journals (18-19th c.)  
Translation, Interpreting

### **Marc Lapprand**

French

*Phone:* (250) 721-7364

*E-mail:* lapprand@uvic.ca

*Languages:* French

#### **Expertise:**

Boris Vian  
Raymond Queneau  
Georges Perec  
Oulipo  
Literary Theory.

### **Sada Niang**

French

*Phone:* (250) 721-7379

*E-mail:* sniang@uvic.ca

*Languages:* French and Wolof

#### **Expertise:**

Francophone African and Caribbean Literatures  
Caribbean Literatures in English  
African and Caribbean Cinemas

## GERMANIC AND RUSSIAN STUDIES

### **Serguei Ekeltchik**

Dr.

Germanic and Slavic Studies

History

*Phone:* (250) 721-7505

*E-mail:* serhy@uvic.ca

*Languages:* Ukrainian and Russian

#### **Expertise:**

-Russian and European History  
-Stalinist culture  
-Modern Ukraine  
-Modern Russia  
<h3>Expertise Profile</h3>

The present-day conflict in the Ukraine is grounded in the past. One needs to understand how modern Ukraine developed and how the Russian Empire collapsed, says Serhy Yekelchik, a professor in the History and Slavic studies departments.

Dr. Yekelchik is an expert on modern Ukraine, as well as on the Soviet Union and Stalinism in particular. He uses his expertise to shed light on the major events of the contemporary world, especially those related to the Ukrainian conflict. The cultural history of Russia and Eastern Europe is worth studying, because it continues to influence people's values, and remains relevant in the politics of the region, he says.

People constantly participate in a dialogue with the past. Even Stalinism, an ideology and political model that we might think belongs in the dustbin of history, continues to haunt Russian society. We can see this in recent proposals to rename the city of Volgograd back to Stalingrad. Consequently, past events trigger current ones, including the conflict with Ukraine. "History has not ended," Dr. Yekelchik says, "and certainly not in that part of the world."

Dr. Yekelchik shares his expertise with the public and his students to help them understand contemporary Eastern European events. He has unique ways of bringing Ukrainian and Soviet history and culture to his classes. Since he comes from Ukraine, he can incorporate family stories and pictures dating back to the early 20th century. He also takes his students to the Ukrainian cultural centre, so they can participate in community events. "The visits provide us with meaningful connections," he says. "History and life are not separate, and neither are the

academy and society."

### **Oliver Schmidtke**

Political Science

History

*Phone:* (250) 721-7490

*E-mail:* ofs@uvic.ca

*Languages:* German, French, Italian and Polish

***Expertise:***

- Comparative European politics
- Political sociology of immigration and ethnic conflict
- European integration
- Role of identities
- Collective memory in modern societies

### **Ulf Schuetze**

Germanic and Slavic Studies

*Phone:* (250) 721-7323

*E-mail:* ulfs@uvic.ca

*Languages:* German

***Expertise:***

- Second language education; computer assisted language learning; intercultural communication

### **Helga Thorson**

Associate Professor

Germanic and Slavic Studies

*Phone:* (250) 721-7320

*E-mail:* helgat@uvic.ca

*Languages:* German

***Expertise:***

- Late 19th- and early 20th-century German and Austrian literature and cultural studies
- Scandinavian Studies
- Holocaust studies

<h3>Expertise Profile</h3>

Dr. Helga Thorson is the co-founder of the I-witness Holocaust Field School at the University of Victoria, the only course of its kind offered to undergraduate students in a Canadian university.

The unique field school explores how the memories and history of the Holocaust have been preserved at historical sites, museums and monuments in central Europe, and helps build an understanding of how the lessons of that time are relevant today.

Dr. Thorson and two former field school participants have launched a "Local Stories of the Holocaust" archive, a collection point for local life stories of individuals who experienced the Holocaust directly.

Whether she is bringing in a Holocaust survivor to speak in one of her classes or having students present their work to the community for a class on Vienna 1900, Dr. Thorson is committed to connecting students to the community at large. She makes every effort to include a hands-on and experiential learning dimension in all her courses.

Her other research concentrates on Austrian modernist literature, with a specific focus on issues of gender and Jewish identity.

Together with a colleague from Ottawa, Dr. Thorson is working on a manuscript focusing on middle-class women's movements in the Habsburg Monarchy in the late 19th century and early 20th century.

<h3>Related Links</h3>

Dr. Thorson's Faces of UVic Research video:

<http://youtu.be/FO4WhnTBD5w>

## GREEK AND ROMAN STUDIES

### **Laurel Bowman**

Assistant Professor

Greek and Roman Studies

*Phone:* (250) 721-8517

*E-mail:* lbowman@uvic.ca

*Languages:* Latin, Ancient Greek, French and German  
(all but French reading only)

***Expertise:***

- Ancient Greek literature, especially tragedy
- Classical mythology in popular culture
- Female-authored Greek poetry
- Ancient Greek literature and world on film
- Modern revisions of Greek literature

<h3>Expertise Profile</h3>

If ancient texts weren't still relevant today, we wouldn't be reading them.

The very fact that society still studies ancient Greek literature is proof of its lasting power, says Greek and Roman Studies assistant professor Dr. Laurel Bowman.

Her area of interest lies specifically in Greek tragedy, a genre she says has inspired countless other works of literature, right up to modern day film and television.

Dr. Bowman persistently highlights the role, or lack of one, of women, the construction of gender and the significance of that construction in any text she looks at.

Her most recent research project focuses on a recent translation of Homer's *The Iliad* by poet Alice Oswald. The poem concentrates only on the death scenes and the similes. Dr. Bowman argues that the translation highlights the depths of human sacrifice, torment and loss suffered by the foot-soldiers, and by their families and communities, as a result of the Trojan War.

Another research project focuses on the myth of the sacrificial virgin and its presence in pop culture, specifically the works of writer/director Joss Whedon of *Buffy the Vampire Slayer* fame.

She brings her research on *Antigone* or *Electra* into the classroom, where her enthusiasm for the subject matter is palpable.

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Dr. Bowman's hope is that everyone comes out of her classes with a new filter to look at the stories they read, the films they watch and even the newspapers they pick up.

<h3>Related Links</h3>

Dr. Bowman's Faces of UVic Research video:  
<http://youtu.be/uBzPM-21Hbc>

### **R. Brendan Burke**

Greek and Roman Studies

*Phone:* (250) 721-8522

*E-mail:* bburke@uvic.ca

*Languages:* Modern Greek and Turkish

#### **Expertise:**

Textile production in the Bronze and Iron Ages, in the Aegean and in Anatolia  
Greek Religion  
Aegean ceramics and chronology

### **Helene Cazes**

Professor, Director for the program of Medieval studies, and Faculty coordinator for the humanities diploma program

French

Medieval Studies

Continuing Studies

*Phone:* (250) 721-7367

*E-mail:* hcazes@uvic.ca

*Languages:* French and Italian

#### **Expertise:**

- Humanism
- French Medieval and Renaissance literature
- History of medicine
- History of books and printers

-Libraries and collections

<h3>Expertise Profile</h3>

Why should we preserve mouldy old books that people hardly ever read?

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"I scratch the surface of what we take for granted, for example that parents love their children, and I put that in perspective with history," she explains. "When you do that you discover things about our own society right now, including some of our blind spots. Books are very important for self-discovery and for helping us achieve our full potential."

Dr. Cazes studies ancient treatises of medicine, for example, to see how physicians used to describe the human body, and how that informs our modern understanding of anatomy; she traces the construction,

through centuries, of an ideal for body shape and structure. She studies the role of images for our understanding of our own bodies.

Yet Dr. Cazes does more than bury herself in ancient books. We learn about who we are and who we can become through dialogue, she says: "When we listen to one another and talk to each other, we go way beyond anything we could have reached on our own." To nurture this growth through dialogue, she often organizes interdisciplinary seminars where UVic students, scholars and community members can come together and share ideas.

<h3>Related Links</h3>

Helene Cazes Faces of UVic Research video:  
[www.youtube.com/watch?v=5U-nzLQuDs](http://www.youtube.com/watch?v=5U-nzLQuDs)

<h3>Awards</h3>

- UVic community leadership Award (2014)
- Excellence in Research Humanities (2013)

### **Ingrid Holmberg**

Greek and Roman Studies

*Phone:* (250) 721-8528

*E-mail:* ingrid@uvic.ca

*Languages:* French, German, Ancient Greek and Latin

#### **Expertise:**

Ancient Greek Poetry, especially epic, Homer, Hesiod  
Feminist theory and Greek poetry  
Film and Ancient World

### **John Oleson**

Distinguished Professor, Fellow of the Royal Society of Canada

Greek and Roman Studies

*E-mail:* jpoleson@uvic.ca

#### **Expertise:**

- Ancient technology, especially hydraulic technology and harbour design
- Roman hydraulic concrete
- Maritime archaeology
- Underwater archaeology

<h3>Expertise Profile</h3>

World-renowned archaeologist John Oleson was among a team of National Geographic explorers whose aim was to demonstrate that deep sea archaeology could be done to the same methodical standard as on land.

In fact, the 1997 field study was an excavation of the largest concentration of ancient shipwrecks ever found at the bottom of the Mediterranean Sea.

Most recently, Dr. Oleson's research focuses on Roman hydraulic concrete and harbour technology. He looks at how this concrete was used for constructing the harbours that berthed their ships - for example, food shipments - thereby supporting urban populations of the Roman



empire. Using specialized coring devices and chemical analysis of concrete samples, Dr. Oleson is elucidating this technology and mapping its ancient use.

Dr. Oleson's work has also revealed why the Roman marine concrete has remained mostly intact for over 2,000 years, despite being exposed to sea salt for so long. His findings are important for the design of new materials that can resist climatic challenges in the future.

Dr. Oleson has worked extensively in the southern deserts of Jordan for more than 25 years. One site revealed a sophisticated water supply system that supported communities in an arid climate. His decades' worth of field work is not only relevant for agriculture, but for the longer periods of drought that climate change is likely to bring to other parts of the world.

In 2003, Dr. Oleson was appointed Distinguished Professor of the Greek and Roman Studies department, the highest academic honour the university can bestow on a faculty member.

Each year, he involves his undergraduate and graduate students in his excavations in Jordan. "Archaeology is an exciting field that trains students in all kinds of fields," he says.

### <h3>Related Links</h3>

Dr. Oleson's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=41OQ7wTMMRM>

Dr. Oleson's website: <http://web.uvic.ca/~jpoleson/>

## HISPANIC AND ITALIAN STUDIES

### Dan Russek

Hispanic and Italian Studies

Phone: (250) 472-5455

E-mail: [drussek@uvic.ca](mailto:drussek@uvic.ca)

Languages: Spanish and French

#### Expertise:

20th-century Latin American literature, arts, and culture, with an emphasis on Mexico and Argentina.

Literature and visual arts and media.

Aesthetics.

## HISTORY

### Gregory Blue

History

Languages: Dutch, French; also read Spanish, Italian, German; Russian and basic Chinese

#### Expertise:

Intellectual and Cultural History

History of Western Relations with China, especially pre-1949

Colonialism, Decolonisation and the Post-Colonial Third World

History of Science, including science & society relations, 20th century life sciences and pre-modern Chinese science

### Misao Dean

Professor

English

Phone: (250) 721-7253

E-mail: [mdean@uvic.ca](mailto:mdean@uvic.ca)

#### Expertise:

-Early Canadian literature (19th- and early 20th-centuries)

-Representation of Aboriginal peoples in literature

-Canoes and Canoeing in Canadian culture

-Women novelists

-Motorcycling in literature

### <h3>Expertise Profile</h3>

Canadian literature expert and literary theorist Misao

Dean's most recent book is about how Canadians use the canoe as a symbol in Canadian culture.

In *Inheriting a Canoe Paddle*, Dr. Dean looks at the symbolism of the canoe in Canadian culture. "People tend to look at the canoe as a non-controversial symbol, as a natural way for a person to enjoy the landscape," she says. "But it should also make people think about the Indigenous peoples of Canada and our responsibilities towards them."

"A lot of people talk about inheriting the canoe as a technology for engaging with the landscape," she says, "but it seems to me that using the word 'inheritance' is a way of smoothing over how we actually got the canoe. Certainly most First Nations know how they got here; they're very in tune with their history. But non-Indigenous people need to reflect on our history--on how we as individuals have participated in continuing the colonization of First Nations peoples."

Dr. Dean is also interested in why people enjoy reading. "In popular culture there has been such a distinction between the academic study of books and the pleasure one gets in reading them." She adds that students often won't study English because they fear that "tearing books to pieces" will decrease their love of reading. In reality, Dr. Dean says, literary research is an expression of that love.

Dr. Dean also wants students to gain strong research

## HUMANITIES

skills. In her 19th-century literature course, she asks students to only quote works written before 1920 so they can learn how to access 19th-century materials from the library.

### <h3>Related Links</h3>

Misao Dean's Faces of UVic Research video:  
[www.youtube.com/watch?v=3QLci3ugTm0](http://www.youtube.com/watch?v=3QLci3ugTm0)

### **Simon Devereaux**

History

*Phone:* (250) 721-7390

*E-mail:* [devereau@uvic.ca](mailto:devereau@uvic.ca)

#### **Expertise:**

British History, especially 1689-1870

History of Crime, Policing and Punishment, especially in England

### **Aaron Devor**

Professor

Sociology

Libraries, Archives

Libraries, Special Collections

*Phone:* (250) 721-7577

*E-mail:* [ahdevor@uvic.ca](mailto:ahdevor@uvic.ca)

#### **Expertise:**

-Gender Variance and Diversity

-Sexuality and Sexual Diversity

-Transgender Experience Across the Life Course

-Transsexualism

-Lesbian, Gay, Bisexual, Transgender and Queer Movements for Social Change

-The Life of Reed Erickson and the Impact of the Erickson Educational Foundation

<h3>Expertise Profile</h3>

Transgendered people are among the most discriminated-against people in the world today, says sociologist Aaron Devor.

Even though society is becoming increasingly welcoming toward transgendered people, many of them continue to face verbal and physical abuse, and even murder. In many countries, there are no laws that protect transgender people against discrimination.

Dr. Devor studies how society perceives transgendered individuals, and what contributes to making it safer for them to express their identities. He is an author of the "Standards of Care" published by the World Professional Association for Transgendered Health. Devor explains that "It's a very important document because it specifies the appropriate and most beneficial way to treat people who come to health care professionals for assistance in changing their gender."

In his classes, he includes content about transgender people to emphasize that they are part of the spectrum of humanity: "I make sure," he says, "that people remember there are many different genders."

Dr. Devor is also the founder and academic director of the world's largest archival collection of documents recording the history of research and activism concerning transgendered people. He says that the Transgender Archives collection is promoting a positive future for transgendered individuals: "To thrive, people need to know their history and to be able to tell their stories with dignity and pride."

The archives, which are located at UVic, contain works from over 17 countries spanning more than 50 years of activism and 100 years of research and include enough material to fill a shelf the length of a football field.

### <h3>Related Links</h3>

-Aaron Devor's Faces of UVic Research video:

[www.youtube.com/watch?v=kuv5rUUmFqY](http://www.youtube.com/watch?v=kuv5rUUmFqY)

-The Transgender Archives website:

[www.transgenderarchives.uvic.ca/](http://www.transgenderarchives.uvic.ca/)

-The Transgender Archives Facebook page:

[www.facebook.com/UVicTransArchives](http://www.facebook.com/UVicTransArchives)

-The Transgender Archives: Foundations for the Future pdf:

[www.uvic.ca/library/about/ul/publications/Devor\\_Foundations\\_for\\_the\\_Future.pdf](http://www.uvic.ca/library/about/ul/publications/Devor_Foundations_for_the_Future.pdf)

### **Serguei Ekeltchik**

Dr.

Germanic and Slavic Studies

History

*Phone:* (250) 721-7505

*E-mail:* [serhy@uvic.ca](mailto:serhy@uvic.ca)

*Languages:* Ukrainian and Russian

#### **Expertise:**

-Russian and European History

-Stalinist culture

-Modern Ukraine

-Modern Russia

<h3>Expertise Profile</h3>

The present-day conflict in the Ukraine is grounded in the past. One needs to understand how modern Ukraine developed and how the Russian Empire collapsed, says Serhy Yekelchik, a professor in the History and Slavic studies departments.

Dr. Yekelchik is an expert on modern Ukraine, as well as on the Soviet Union and Stalinism in particular. He uses his expertise to shed light on the major events of the contemporary world, especially those related to the Ukrainian conflict. The cultural history of Russia and Eastern Europe is worth studying, because it continues to influence people's values, and remains relevant in the politics of the region, he says.

People constantly participate in a dialogue with the past. Even Stalinism, an ideology and political model that we might think belongs in the dustbin of history, continues to haunt Russian society. We can see this in recent proposals

to rename the city of Volgograd back to Stalingrad. Consequently, past events trigger current ones, including the conflict with Ukraine. "History has not ended," Dr. Yekelchyk says, "and certainly not in that part of the world."

Dr. Yekelchyk shares his expertise with the public and his students to help them understand contemporary Eastern European events. He has unique ways of bringing Ukrainian and Soviet history and culture to his classes. Since he comes from Ukraine, he can incorporate family stories and pictures dating back to the early 20th century. He also takes his students to the Ukrainian cultural centre, so they can participate in community events. "The visits provide us with meaningful connections," he says. "History and life are not separate, and neither are the academy and society."

### **Mitchell Hammond**

History

*E-mail:* mlewham@uvic.ca

*Languages:* German

***Expertise:***

History of medicine and public health, relationship of religious beliefs and institutions to health care. My primary focus is 16th/17th century Europe, especially Germany.

### **Timothy Haskett**

History

Medieval Studies

*E-mail:* thaskett@uvic.ca

***Expertise:***

Medieval Legal and Social History, especially England and France

Palaeography and Diplomatics

Textual Editing

### **Janelle Jenstad**

Professor

English

*Phone:* (250) 721-7245

*E-mail:* jenstad@uvic.ca

*Languages:* French

***Expertise:***

- Shakespeare in performance
  - Editing and bibliography
  - The literature and culture of London in the 16th and 17th centuries
  - Digital humanities, GIS, and text encoding
  - London livery companies and civic pageantry
- <h3>Expertise Profile</h3>

Dr. Janelle Jenstad is interested in building communities for scholars, students and the public alike.

As founder and director of The Map of Early Modern London, she digitally maps cultural documents onto a bird's-eye view of 16th- and 17th-century London, England.

In the same way that maps were used in Shakespeare's time to build a community identity among newcomers flocking to London, Dr. Jenstad's digital map is attracting a widening circle of online devotees.

She is also the assistant coordinating editor of Internet Shakespeare Editions (ISE). The ISE receives over a million hits a month and is used in rehearsal halls and classrooms around the world.

As a professor in the Department of English at the University of Victoria, Dr. Jenstad is increasingly interested in how students learn.

She is certified to administer the Myers-Briggs Type Indicator test, a personality assessment tool commonly given to college and university students. This comes in handy when she's mentoring teaching assistants on how to teach -- they can learn their type to find their own personalized teaching style.

Dr. Jenstad also lectures regularly on Shakespeare in performance for classes and audiences across Canada, and writes about Canadian productions and adaptations of Shakespeare. She has curated two exhibits on Shakespeare and opera in partnership with Pacific Opera Victoria.

Dr. Jenstad's research interests include Shakespeare and his contemporaries, editing, mapping literature, early modern London, and digital humanities.

<h3>Related Links</h3>

Dr. Jenstad's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=klkLh76fOc8>

The Map of Early Modern London  
<http://mapoflondon.uvic.ca>

Internet Shakespeare Editions  
<http://internetshakespeare.uvic.ca>

### **Lynne Marks**

History

*Phone:* (250) 721-7392

*E-mail:* lsmarks@uvic.ca

***Expertise:***

- Social history of religion/irreligion
- Canadian history
- Women's/Gender history
- History of social welfare and current issues in social welfare/social policy.

<h3>Expertise Profile</h3>

To understand why British Columbians are less religious than the rest of Canada, we need to step back in time to the 19th century.

History professor Dr. Lynne Marks unearths the historical

## HUMANITIES

roots of the West Coast's secular behaviour from the 1880s to World War I. In a manuscript she authored, Dr. Marks explores how factors such as ethnic diversity and religious practice in 19th century British Columbia influenced people's perceptions on gender and social class.

To the people of that time, choosing a religion or none impacted the way they understood their lives, she says. Dr. Marks looks at how their choices have shaped our present culture, down to why gay rights don't stir as much uproar in this province as in Ontario.

Dr. Marks has recently begun a new project with Dr. Margaret Little of Queen's department of politics and gender studies that explores the second wave women's movement in Canada from the late 1960s to the 1980s, looking particularly at how different elements of the women's movement perceived issues of motherhood and family.

In class, Dr. Marks refrains from imposing her opinions on the research matter, but rather, facilitates discussion forums so her students can think for themselves and contribute to her area with new insights.

### **Richard Rajala**

History

Phone: (250) 721-7394

E-mail: rrajala@uvic.ca

#### **Expertise:**

- Forest Policy
- Technological Change in Forestry and Logging
- Labour History of the Forest Industry
- The Environmental History of Forest Practices including Impact on Fish Habitat

### **Helen Raptis**

Associate Professor

Curriculum and Instruction

Phone: (250) 472-5076

E-mail: hraptis@uvic.ca

Languages: French, Spanish and Greek

#### **Expertise:**

- Intersection of government policy and minority learners
- Social and historical foundations of education in British Columbia
- Multicultural and anti-racist education
- School effectiveness and school improvement
- Examination of two generations of Tsimshian learners (from the Terrace region) to understand how government policies of segregation and integration shaped their schooling and their adulthood.

#### **Expertise Profile**

Residential schools represent part of the story in understanding education and Indigenous communities, says Dr. Helen Raptis.

The professor in Curriculum and Instruction studies the

history of education, specifically the intersection of minority learners and formal education systems.

Looking at the period from 1900-1969, Dr. Raptis has determined that more Indigenous students attended on-reserve day schools than residential schools.

She is contributing to a fuller story on Indigenous communities by examining how Aboriginal children transitioned from Aboriginal day schools to public schools.

In a recent project, Dr. Raptis collected narratives from two generations of Tsimshian learners to see how government policies of segregation and integration impacted their schooling and transition to adulthood.

Her findings enabled both the elders and their offspring to know more about each other and their own communities. It also showed that day schools were less benign than historians have previously thought.

Understanding the history of education can help us avoid the pitfalls of the past and enable learners of all genders, race, and culture to succeed at school, she says. Her research may even help us understand why the high school graduation rate for Aboriginal students is around 60 per cent.

Dr. Raptis's background in government consulting and teaching prior to becoming a professor gives her a multi-faceted approach to delivering classes.

In addition to her work with Indigenous communities, Dr. Raptis is also working on an interactive website, The Educational Heritage Museum, to enhance the learning and teaching of education history. The project is a partnership with Lower Vancouver Island Retired Teachers and UVic's Faculty of Education.

#### **Related Links**

Dr. Raptis' Faces of UVic Research video:  
[http://www.youtube.com/watch?v=tWMf2n\\_LvPQ](http://www.youtube.com/watch?v=tWMf2n_LvPQ)

The Education Heritage Museum website:  
[www.educationheritage.ca](http://www.educationheritage.ca)

**Eric Sager**

Professor  
History

**Expertise:**

- Canadian family history
- Labour history
- Historical censuses

**Expertise Profile**

Our understanding of how families, households and income distributions change in Canada over time relies on historical census data, says historian Eric Sager.

Dr. Sager's major research focus is on the history of inequality, more specifically on the history of gaps between rich and poor in Canada in the 20th century.

As Director of the Canadian Families Project, he led a team of researchers who prepared a database from the population census of Canada for 1901. The team studied many aspects of households and families in the past, including the family economy, single-parent families, fertility decline, the elderly, and inequality.

Dr. Sager was also a member of the Canadian Century Research Infrastructure Project, which developed computerized samples from the censuses from 1911 to 1951.

Dr. Sager adds that census data is a powerful resource for understanding the family economy and how people coped with poverty in the past. Examining the solutions they came up with may help us to understand what solutions worked in the past and what did not work.

"There's always a history to these problems," he says. "In a way, history is like memories, which are a cure for amnesia. Without them, we're steering ourselves in the dark."

Dr. Sager also studies how economists, politicians and others understood inequality in the past. Who discovered the "problem" of inequality, and what solutions did they recommend?

He has discovered that Canadian economists in the first half of the twentieth century were very concerned about inequality as a moral and social problem. Inequality, therefore, is not a recent discovery among "Occupy Wall Street" protesters in recent years. It has a long history, both as a reality and as a perceived problem.

In his teaching seminar, students dig into their own family history, conducting interviews and sketching their genealogical trees to see how their families fit into the larger historical context.

**Related Links**

Dr. Sager's Faces of UVic Research video:

<http://www.youtube.com/watch?v=4QMXn6J167E>

**Oliver Schmidtke**

Political Science  
History

Phone: (250) 721-7490

E-mail: ofs@uvic.ca

Languages: German, French, Italian and Polish

**Expertise:**

- Comparative European politics
- Political sociology of immigration and ethnic conflict
- European integration
- Role of identities
- Collective memory in modern societies

**Paul Wood**

History

Phone: (250) 721-7289

E-mail: pbwood@uvic.ca

**Expertise:**

- My research focusses on the relations between the natural and human sciences in the European Enlightenment.

**LINGUISTICS****John Archibald**

Dean, Faculty of Humanities

Faculty of Humanities

Linguistics

E-mail: johnarch@uvic.ca

**Expertise:**

- Second language acquisition
- Second language phonology (sound systems)
- Second language policy and programs
- Bilingualism

**Expertise Profile**

Not many people know that multilingual speakers are more common on this planet than monolingual - or single language - speakers.

Over his career, Dr. John Archibald, Dean of Humanities at the University of Victoria, has studied how people learn these second, third or fourth languages.

Dr. Archibald's research focuses on the acquisition of phonology. He probes why some sound systems are easier to learn than others, which relates to issues concerning foreign-accented speech.

One basic question that he has worked on over the years is whether adult learners can learn elements in a second language that aren't in their first language.

Dr. Archibald's current project focuses on what parts of speech make it harder to understand some second language speakers over others.

Specifically, he looks at stress errors in second language speech. What happens if you emphasize the wrong parts

## HUMANITIES

of a word? He asks the question: do different kinds of stress errors cause different kinds of trouble?

For Dr. Archibald the study of linguistics goes right back to the age old question of "how do we come to know what we know?" He hopes that by teaching students the diversity of what language can do, they will have a better understanding of human culture as a whole.

Dr. Archibald is passionate about getting his research out into the community and communicating with parents, schools and governments about the importance of multilingual education. His past policy work with the Alberta government led to a DVD project distributed to every school in Alberta.

Dr. Archibald is also the co-editor, with William O'Grady, of the longstanding best-selling introductory text on linguistics, *Contemporary Linguistic Analysis*.

### **Ewa Czaykowska-Higgins**

Associate Professor

Linguistics

Phone: (250) 721-7271

E-mail: [ecz@uvic.ca](mailto:ecz@uvic.ca)

Languages: Polish, French

#### **Expertise:**

- Phonology, Morphology, and Syntax of Salish languages
- Developing web-accessible Nxa'amxcin dictionary and database-
- Collaborative, community based work in linguistics and language revitalization of Indigenous languages

#### **<h3>Expertise Profile</h3>**

Linguist Ewa Czaykowska-Higgins is a theoretical phonologist who is interested in the building blocks of sounds; she studies how sounds function when we organize them into words and sentences.

Currently, she studies the sounds of Nxa'amxcin, one of 23 Salish languages spoken by Indigenous communities in coastal BC and Washington State. Like most Salish languages, Nxa'amxcin is going through language loss because community members predominately speak English in their homes.

"When you lose a language," she says, "you lose the soul of a culture, because people express themselves in language."

By studying Nxa'amxcin sounds and intonations, Dr. Czaykowska-Higgins contributes to description and documentation of the language. She's currently compiling a dictionary and online database of Nxa'amxcin words, using material recorded Dale Kinkade in the 1960s and through her own research. As part of the project, Dr. Czaykowska-Higgins works with community members to determine how best to represent sounds through written symbols, a task which is particularly difficult when there isn't an equivalent sound in English. When she's finished,

Salish communities and linguists will be able to use the dictionary and database to increase their knowledge of, and their ability to speak, Nxa'amxcin.

Dr. Czaykowska-Higgins regularly shares her research with her students at UVic. In her theoretical phonology course, she shows students how languages assign stress patterns to words by using Nxa'amxcin as an example. She admires Nxa'amxcin because of its beauty: "I like to bring examples to class that are complex, to show students the mystery of language and how human beings use it."

#### **<h3>Related Links</h3>**

Dr. Czaykowska-Higgins' Faces of UVic Research video: <http://www.youtube.com/watch?v=IA-zg71sBgA>

### **John Esling**

Linguistics

Languages: French, German, Chinese, (Spanish, Italian)

#### **Expertise:**

- Phonetics
- Adult and infant speech production
- Speech articulation
- Accent

### **Emmanuel Herique**

French

Phone: (250) 595-2544

E-mail: [herique@uvic.ca](mailto:herique@uvic.ca)

Languages: French, German, Spanish, Japanese and Arabic

#### **Expertise:**

- General linguistics, Phonetics
- French and English languages
- Editing explorers' journals (18-19th c.)
- Translation, Interpreting

### **Peter Jacobs**

Assistant Professor

Linguistics

E-mail: [pejacobs@uvic.ca](mailto:pejacobs@uvic.ca)

#### **Expertise:**

- Research on all aspects of Skwxwu7mesh (including phonetics, phonology, syntax and semantics, and pragmatics)
  - Research on all aspects of Kwakw'ala (including phonetics, phonology, syntax and semantics, and pragmatics)
  - Specialization in Indigenous language revitalization
  - Master-apprentice programs
- #### **<h3>Expertise Profile</h3>**
- First Nations languages in Canada are part of an international movement in Indigenous language revitalization after years of declining use. New ways of teaching these languages is becoming increasingly important.

Dr. Jacobs is a linguist and language revitalization expert: his 20-year career, in his own Skwxwu7mesh (Squamish) First Nations community and now at the University of Victoria, is guided by his commitment to Indigenous language revitalization.

Over his 20 year tenure working in the Squamish community, Dr. Jacobs proudly acted as editor-in-chief and collaborated with community members to publish a learner friendly bilingual Squamish-English dictionary.

He is currently researching models for Indigenous adults learning their own languages as adults, with particular focus on master-apprentice programs. Instead of traditional classroom learning, these programs see a younger adult paired with an elder for a year or two and taught the language through immersion.

He teaches in the Graduate Certificate and Master's program in Indigenous Language Revitalization, which enables students to develop the skills to create and lead successful language projects in their communities.

Growing up belonging to two First Nations communities - Skwxwu7mesh and Kwagulh (from Fort Rupert) - Dr. Jacobs was always taught lessons through stories. He hopes this unique perspective to learning can be brought to his teaching here at UVic.

As language revitalization efforts continue to grow, Dr. Jacobs is interested in measuring the outcomes to bring more attention to the need for language revitalization teaching in Canada.

<h3>Related Links</h3>

Dr. Jacobs's Linguistics Department profile:  
<http://web.uvic.ca/ling/faculty/jacobs.htm>

## Hua Lin

Linguistics

Pacific and Asian Studies

Centre for Asia-Pacific Initiatives

Phone: (250) 721-6643

E-mail: [luahin@uvic.ca](mailto:luahin@uvic.ca)

Languages: Mandarin Chinese

### Expertise:

- Phonology (the sound system of language)
- Second language acquisition
- Chinese linguistics (sound system, word system, sentence structure, writing, history and dialects)
- English as a second language teaching and learning
- Chinese as a second language teaching and learning
- Chinese and English sound systems in contrast
- Applied linguistics
- Bilingual education

## Suzanne Urbanczyk

Linguistics

Phone: (250) 721-7431

E-mail: [urbansu@uvic.ca](mailto:urbansu@uvic.ca)

### Expertise:

Research on word-formation of Salish languages.

## MEDIEVAL STUDIES

### Helene Cazes

Professor, Director for the program of Medieval studies, and Faculty coordinator for the humanities diploma program

French

Medieval Studies

Continuing Studies

Phone: (250) 721-7367

E-mail: [hcazes@uvic.ca](mailto:hcazes@uvic.ca)

Languages: French and Italian

### Expertise:

- Humanism
- French Medieval and Renaissance literature
- History of medicine
- History of books and printers
- Libraries and collections

<h3>Expertise Profile</h3>

Why should we preserve mouldy old books that people hardly ever read?

Helene Cazes, a French professor and book historian, says old books and manuscripts can teach us a lot about ourselves. She studies medieval texts to understand how cultural legacies--ideas that we take for granted today, such as sexual equality--were passed down to us over time.

"I scratch the surface of what we take for granted, for example that parents love their children, and I put that in perspective with history," she explains. "When you do that you discover things about our own society right now, including some of our blind spots. Books are very important for self-discovery and for helping us achieve our full potential."

Dr. Cazes studies ancient treatises of medicine, for example, to see how physicians used to describe the human body, and how that informs our modern understanding of anatomy; she traces the construction, through centuries, of an ideal for body shape and structure. She studies the role of images for our understanding of our own bodies.

Yet Dr. Cazes does more than bury herself in ancient books. We learn about who we are and who we can become through dialogue, she says: "When we listen to one another and talk to each other, we go way beyond anything we could have reached on our own." To nurture this growth through dialogue, she often organizes interdisciplinary seminars where UVic students, scholars and community members can come together and share

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ideas.

### <h3>Related Links</h3>

Helene Cazes Faces of UVic Research video:  
[www.youtube.com/watch?v=5U-nzLQuDs](http://www.youtube.com/watch?v=5U-nzLQuDs)

### <h3>Awards</h3>

-UVic community leadership Award (2014)  
-Excellence in Research Humanities (2013)

### **Catherine Harding**

History in Art  
Medieval Studies  
*Phone:* (250) 721-6304  
*E-mail:* [charding@uvic.ca](mailto:charding@uvic.ca)  
*Languages:* Italian  
**Expertise:**

Orvieto cathedral  
Illustrated books of the later Middle Ages

### **Timothy Haskett**

History  
Medieval Studies  
*E-mail:* [thaskett@uvic.ca](mailto:thaskett@uvic.ca)  
**Expertise:**

Medieval Legal and Social History, especially England and France  
Palaeography and Diplomatics  
Textual Editing

### **Iain Higgins**

Professor  
English  
Medieval Studies  
*Phone:* (250) 721-7234  
*E-mail:* [englchr@uvic.ca](mailto:englchr@uvic.ca)  
**Expertise:**

- Medieval English, Scottish and French literature  
- Contemporary Canadian poetry  
- Medieval travel writing

### <h3>Expertise Profile</h3>

What's the difference between a medieval romance story and Star Wars?

Dr. Iain Higgins, professor in the Department of English and the Medieval Studies Program at the University of Victoria, claims there isn't one.

Yes, the knight now drives a spaceship instead of riding a horse, but he's still on a quest to do battle and save a princess.

Dr. Higgins studies later medieval English, Scottish, and French literature, travel writing, and poetry, both medieval and modern.

In his classes, he teaches students that connections like these are not merely coincidental. If the plot of a medieval romance is still around today, perhaps some of those

assumptions about violence, heroism and gender are still in place in the 21st century too.

Dr. Higgins has a longstanding interest in a late 14th century travel book called *The Book of John Mandeville*, which was a medieval bestseller that shows how cultural assumptions help shape understanding. This fictive account of an English knight's memories of the East between Constantinople and the Earthly Paradise is based on genuine travel books and other reliable sources, including encyclopedias.

The book was so widely read that it influenced Christopher Columbus on his arrival in the Americas. To this day, the confusion we face with the term "Indian" can be traced back to the travel writing of the medieval period.

Dr. Higgins recently published a translation of *The Book of John Mandeville* accompanied not only by detailed annotation and commentary, but also by a selection of substantial excerpts from its various sources and variants. The author's changes to his sources and the changes made to his book show us how cultural understanding is shaped and reshaped over time.

By pursuing his own passion, he hopes to inspire students to do the same.

Dr. Higgins is both a poetry lover and a poetry writer - he published his first collection called *Then Again* in 2005 and is working on a second.

### <h3>Related Links</h3>

Dr. Higgins' Faces of UVic Research video:  
<http://youtu.be/iXjL90enZGk>

### **Marcus Milwright**

Professor, Director for the Medieval studies program  
History in Art  
*Phone:* (250) 721-6302  
*E-mail:* [mmilwrig@uvic.ca](mailto:mmilwrig@uvic.ca)  
**Expertise:**

-Islamic Art and Archaeology  
-Cross-Cultural Exchange in the Medieval Mediterranean  
-History of Medicine

### <h3>Expertise Profile</h3>

Imagine a city destroyed during a period of conflict. What happens to its culture and artifacts?

Conflicts in Middle Eastern nations, such as Syria, threaten traditional craft-making, an important dimension of Islamic culture that people have preserved for hundreds of years. "I fear that a lot of traditional manufacturing will just disappear along with so many other aspects of this very diverse culture," Marcus Milwright says.

Dr. Milwright studies the art and archeology of the Islamic world to record and preserve our knowledge



of the crafts created between the 7th and 19th centuries in the Middle East. He studies the people involved in the practice of the crafts and the techniques they employed. Islamic artists have left little information behind, making it even more important to study their work and learn more about them.

To increase our knowledge of Islamic artwork, Dr. Milwright is translating an Arabic dictionary about the crafts of Damascus. The dictionary was written somewhere between 1890 and 1906, a period we know surprisingly little about. "This important text provides a wonderful opportunity to correlate descriptions of what people were doing to the surviving objects," Dr. Milwright says.

Dr. Milwright also ensures that his students can increase their understanding of Islamic crafts, and uses actual artifacts in his classes: "We can have one-to-one experiences with 10th-century Koran pages, or 7th-century coins. It takes you away from the projected image on the wall to actually understanding the tangible qualities of objects," he says.

### <h3>Related Links</h3>

Dr. Milwright's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=dMSdK-yHoq8>

## PACIFIC AND ASIAN STUDIES

### Gregory Blue

History

*Languages:* Dutch, French; also read Spanish, Italian, German; Russian and basic Chinese

#### *Expertise:*

Intellectual and Cultural History  
 History of Western Relations with China, especially pre-1949  
 Colonialism, Decolonisation and the Post-Colonial Third World  
 History of Science, including science & society relations, 20th century life sciences and pre-modern Chinese science

### Emmanuel Herique

French

*Phone:* (250) 595-2544

*E-mail:* herique@uvic.ca

*Languages:* French, German, Spanish, Japanese and Arabic

#### *Expertise:*

General linguistics, Phonetics  
 French and English languages  
 Editing explorers' journals (18-19th c.)  
 Translation, Interpreting

### Timothy Iles

Pacific and Asian Studies

*Phone:* (250) 721-6237

*E-mail:* timiles@uvic.ca

*Languages:* Japanese

#### *Expertise:*

Contemporary Japanese culture, including literature and film

### Hua Lin

Linguistics

Pacific and Asian Studies

Centre for Asia-Pacific Initiatives

*Phone:* (250) 721-6643

*E-mail:* luahin@uvic.ca

*Languages:* Mandarin Chinese

#### *Expertise:*

Phonology (the sound system of language)  
 Second language acquisition  
 Chinese linguistics (sound system, word system, sentence structure, writing, history and dialects)  
 English as a second language teaching and learning  
 Chinese as a second language teaching and learning  
 Chinese and English sound systems in contrast  
 Applied linguistics  
 Bilingual education

### Daromir Rudnyckyj

Associate Professor

Anthropology

Studies in Religion and Society

Global Studies

*Phone:* (250) 721-6273

*E-mail:* daromir@uvic.ca

*Languages:* Indonesian, Malay, Dutch

#### *Expertise:*

- Economic development and Islam in Southeast Asia  
 - Islamic finance and alternative forms of capitalism  
 - Religious and spiritual reform  
 - Transnational labour migration

### <h3>Expertise Profile</h3>

What gratifies Dr. Daromir Rudnyckyj the most when he teaches and conducts research on development and social change in Southeast Asia is the opportunity to shift perspectives.

He's an expert on two countries in particular, Indonesia and Malaysia. Indonesia is the world's largest Muslim country and Malaysia is a global leader in the Muslim world in pursuing a model of moderate Islam conducive to economic growth.

Dr. Rudnyckyj says both countries are important in understanding how Muslims are trying to merge their religious practices with the demands of modern economic development.

His first book, "Spiritual Economies: Islam, Globalization

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and the Afterlife of Development," which examined how Muslims in Southeast Asia were devising a form of Islam conducive to globalization, earned a prize from the American Ethnological Society, North America's oldest professional association of anthropologists.

Dr. Rudnyckyj examined how Islamic practices were reinterpreted to be compatible with tips found in corporate motivational training programs and self-help books such as the "Seven Habits of Highly Effective People." Leaders of this movement argued that the Muslim prophet Muhammad was an ideal CEO and that required Islamic practices such as giving to charity were in fact directives to look for "synergy" and "win-win solutions."

Dr. Rudnyckyj challenged the common contention that religion in general, and Islam in particular, are resistant to change.

Currently, Dr. Rudnyckyj is documenting the innovative steps Malaysia is taking to create an "Islamic Wall Street" in Kuala Lumpur. Because Islam forbids the collection or payment of interest, experts are finding ways for Muslims to conduct business while actively engaging with an increasingly globalized world. One of the questions he is pursuing is whether Islamic finance offers lessons for North American and European countries in wake of the ongoing financial crises that have swept these regions in recent years.

In his classes and lectures, Dr. Rudnyckyj's work is challenging the misconceptions that people have about Southeast Asian countries and Islam. He enjoys seeing students learn to appreciate and understand the cultural diversity that characterizes each Asian country and the rapid social, economic, and cultural changes that are taking place in the region.

<h3> Related Links</h3>

Dr. Rudnyckyj's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=Mh9Js\\_a4Jqg](http://www.youtube.com/watch?v=Mh9Js_a4Jqg)

Dr. Rudnyckyj's website:  
<http://web.uvic.ca/pacificasia/faculty/Rudnyckyj.php>

## PHILOSOPHY

### Gregory Blue

History

*Languages:* Dutch, French; also read Spanish, Italian, German; Russian and basic Chinese

*Expertise:*

Intellectual and Cultural History  
History of Western Relations with China, especially pre-1949  
Colonialism, Decolonisation and the Post-Colonial Third World  
History of Science, including science & society relations, 20th century life sciences and pre-modern Chinese science

### Cindy Holder

Associate Professor

Philosophy

Indigenous Governance Program

*E-mail:* [clholder@uvic.ca](mailto:clholder@uvic.ca)

*Languages:* French

*Expertise:*

-human rights  
-international law  
-group rights (including the right to culture and indigenous peoples' rights)  
-transitional justice (including truth commissions and international criminal law)  
-Metaethical and normative ethical theories  
-public policy ethics

Dr. Cindy Holder researches and teaches the philosophy of international law, focusing on human rights and transitions from gross and systematic human rights violations. She questions what makes international law binding and how international law is and should be applied by national political communities.

<h3>Related Links</h3>

Dr. Holder's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=ol\\_eajPjSkk](http://www.youtube.com/watch?v=ol_eajPjSkk)

### Eike-Henner Kluge

Philosophy

*Phone:* (250) 721-7519

*E-mail:* [ekluge@uvic.ca](mailto:ekluge@uvic.ca)

*Languages:* German

*Expertise:*

Medical Informatics (security, confidentiality, privacy, etc. of electronic health records)  
Police ethics  
Biomedical ethics focusing on ownership and patenting of tissue, informed consent, competence, codes of ethics, physicians and the pharmaceutical industry.  
History of medieval thought

**Graham McDonough**

Curriculum and Instruction

Phone: (250) 721-7779

E-mail: gpmcd@uvic.ca

**Expertise:**

- Philosophy of Education
- Moral Education
- Dissent
- Minority Rights
- Religious Education and Catholic Education
- Religion/Spirituality in Schools
- Philosophy in High Schools

**Expertise Profile**

You can express disagreement on an issue while remaining part of the larger group with which you disagree, says Dr. Graham McDonough.

The philosophy of education professor studies dissent - how we treat the people who speak out against the popular views of society or groups within it, and in a way that benefits other minority members who are oppressed by the majority group.

Specifically, Dr. McDonough looks at dissent in the context of religious education in publicly-funded Catholic schools. Some Catholic students and parents in these schools experience frustration because the church disapproves of artificial contraception and considers homosexuality "disordered." Others perceive a lack of support when their complaints that the school is "not Catholic enough" seem to have no impact.

His book, *Beyond Obedience and Abandonment: Toward a Theory of Dissent in Catholic Education*, further explores these inner conflicts and challenges 21st-century Catholic schools to provide more support for dissenting views. Doing so will overcome the limitations of thinking that there is only one way to be Catholic.

"I would love to see more examples of diversity within religious groups or in any group generally so that one spokesperson who has a lot of control doesn't necessarily speak for everybody," he says.

Dr. McDonough likes to "put the experience before the theory" when teaching the philosophy of education. Students engage in role-playing and then discuss the merits, contributions and treatment of the minority view.

**Stephen Ross**

Associate Professor

English

Phone: (250) 721-7237

E-mail: saross@uvic.ca

Languages: French

**Expertise:**

- Modernism
- The novel
- Modern British literature
- Literary and critical theory
- Psychoanalysis
- Marxism
- Globalisation

**Expertise Profile**

Dr. Stephen Ross is pushing modernist studies out in new directions.

He is a founding co-director of the Modernist Versions Project (MVP), which is based in the Maker Lab at the University of Victoria.

The MVP aims to spark an interest in differing versions of the same text by making available multiple online versions of early 20th-century literary novels and other texts. From the MVP website these can be studied, searched, and compared.

This unique method of analyzing literature makes it possible to find variations that would be almost impossible to find without a computer.

With different versions of, for example, James Joyce's *Ulysses*, Dr. Ross can make connections between when a version was published and the kinds of cultural changes that were happening at that time.

Modernism itself closely mirrors cultural change, as it is characterized by experimentation and a self-conscious break with traditional styles.

Dr. Ross is currently serving as general editor of the Routledge Encyclopedia of Modernism online. It will feature entries on all aspects of modernism across the arts, across time, and around the world.

Still a work-in-progress, the encyclopedia will let you sort, organize and discover information in new and exciting ways.

Dr. Ross teaches in the Department of English and in the Interdisciplinary Program in Cultural, Social and Political Thought. He also gives a community lecture on the English ghost story.

He finds teaching and public speaking to be excellent ways of bringing his work directly to the public, showing them where it's going and why it's important.

## HUMANITIES

### **Dan Russek**

Hispanic and Italian Studies

*Phone:* (250) 472-5455

*E-mail:* drussek@uvic.ca

*Languages:* Spanish and French

**Expertise:**

20th-century Latin American literature, arts, and culture, with an emphasis on Mexico and Argentina.

Literature and visual arts and media.

Aesthetics.

### **James Tully**

Distinguished Professor

Political Science

Faculty of Law

Philosophy

**Expertise:**

Political Theory

Democratic and Legal Theory

Canadian Constitutionalism

Indigenous Peoples

### **Jeremy Webber**

Dean of Law

Faculty of Law

*Phone:* (250) 721-8147

*E-mail:* lawdean@uvic.ca

*Languages:* French

**Expertise:**

Constitutional Law

Constitutional Theory

Legal Philosophy

Nationalism

Cultural Difference

**Related Links**

Dr. Webber's Faces of UVic Research video:

<http://www.youtube.com/watch?v=1nwXb-Mokr8>

### **Paul Wood**

History

*Phone:* (250) 721-7289

*E-mail:* pbwood@uvic.ca

**Expertise:**

My research focusses on the relations between the natural and human sciences in the European Enlightenment.

### **Scott Woodcock**

Philosophy

*Phone:* (250) 472-4462

*E-mail:* woodcock@uvic.ca

**Expertise:**

Ethics

Applied Ethics

Philosophy of Biology

### **James Young**

Professor

Philosophy

*Phone:* (250) 721-7509

*E-mail:* joy@uvic.ca

**Expertise:**

- Investigation of the aesthetic and moral issues raised by cultural appropriation

- Relativism about the truth values of aesthetic judgements

- Critique of deflationary theories of truth

- Ontological questions raised by reflection on the arts

**Expertise Profile**

How do you argue the quality of Beethoven over Justin Beiber?

This is one question Dr. James Young, professor in the Department of Philosophy at the University of Victoria, works to answer.

Of particular interest to Dr. Young are the philosophy and ethics of art, of music and of language.

His work on the nature of aesthetic judgement argues that there are aesthetic facts - like the quality of Beethoven over Beiber - that overcome whether or not a piece of art or music is well liked.

Dr. Young has also written extensively on the moral issues involved in cultural appropriation, which is when a cultural practice or artifact is adopted by a different cultural group.

Of specific interest to Dr. Young is the appropriation of First Nations works in Canada, including painting, sculpture and writing, by non First Nations artists.

To a greater extent than some philosophers, Dr. Young draws on empirical facts in his writing. He recently finished a book on the emotion inherent in music, drawing on what some psychologists say about music to develop his argument.

Dr. Young passes on to his students his own fascination with philosophy - which he asserts is at the root of all disciplines.

**TRANSLATION****Emmanuel Herique**

French

*Phone:* (250) 595-2544*E-mail:* herique@uvic.ca*Languages:* French, German, Spanish, Japanese and Arabic**Expertise:**

General linguistics, Phonetics

French and English languages

Editing explorers' journals (18-19th c.)

Translation, Interpreting

**WOMEN'S STUDIES****Janni Aragon**

Political Science

*Phone:* (250) 721-8796*E-mail:* DTIL@uvic.ca**Expertise:**

Gender &amp; Politics, American Politics, Feminist Theories and Methodologies (including 3rd Wave Feminisms), Social Movements, Youth and Politics, Pedagogy, and Transnational Feminisms

**Sikata Banerjee**

Women's Studies

*Phone:* (250) 721-6158*E-mail:* sikatab@uvic.ca*Languages:* Bengali and Hindi**Expertise:**

- Women and politics
- Gender, nation and war
- Indian politics
- Nationalism
- Masculinity

**Expertise Profile**

Muscular nations impose expected ways of behaving on their men and women, says Dr. Sikata Banerjee.

The professor of women's studies and associate dean of humanities at UVic developed the idea of muscular nationalism, which she describes as a community that imagines itself as strong, muscular and warrior-like.

This vision ultimately shapes the political representation of a nation, affecting decisions on whether money should be spent on war or on schools and hospitals, what material should be taught in school, and who is defined as a good or bad citizen.

Dr. Banerjee specifically focuses on muscular nationalism in India and what it means for the country to prove its strength. She explores these issues further in her latest book, "Muscular Nationalism: Gender, Violence, and Empire in India and Ireland."

But her voice reaches out farther than the spine-bound

page; her classes are where she circulates her ideas the most, dispelling myths about masculinity and femininity generated by pop culture.

Dr. Banerjee also presents guest lectures on campus; in a 2010 public discussion forum alongside faculty colleague Janni Aragon, she analyzed Stephenie Meyer's Twilight character Jacob as a way of studying how minority groups, such as Indigenous men, fit in with the ideal of the muscular man.

Her other area of focus relates to women's issues in India. She is sometimes interviewed by the news media on issues related to this topic, most recently on the verdict that was pronounced in September 2013 against the four men who were convicted of raping and murdering a New Delhi woman.

**Related Links**

Dr. Banerjee's Faces of UVic Research video:

<http://www.youtube.com/watch?v=xw5q0w6pgEU>

**Thea Cacchioni**

Assistant Professor

Women's Studies

*E-mail:* tcacchio@uvic.ca**Expertise:**

- Medicalization and healthcization of sex
- Sexual 'function' and 'dysfunction' in women
- Sexual pain
- Heteronormativity

**Expertise Profile**

Thea Cacchioni is highly recognized for preventing the approval of a failed anti-depressant drug Flibanserin, dubbed pink Viagra, in 2010, after it caused severe 'unsexy' side effects in pre-menopausal women.

Dr. Cacchioni is a sociologist and Women's Studies professor. Her work has mapped the trials and tribulations of the drug company race to find a sexual pharmaceutical for women. She is interested in this case study as an example of the lengths that drug companies will go to in the name of profit, as well as what the language around these drugs tells us about social constructions of gender and sexuality.

According to Dr. Cacchioni, sexuality is far more complex than is imagined by the sexual pharmaceutical industry. Solving sexual problems is going to take more than a blue pill for him and a pink pill for her. She adds that sexual problems are rarely physiological, internal conditions, but rather interpersonal, social and cultural. A magic bullet pill cannot address these other issues.

Dr. Cacchioni also argues that sexual expectations and norms shift from era to era and culture to culture. She says people should be aware that pharmaceutical companies are increasingly oversimplifying the way we see human

## HUMANITIES

sexuality.

In classes at UVic, Dr. Cacchioni examine how science, medicine, and the pharmaceutical industry shape understandings of sex, gender, and sexuality more broadly. Examples include nineteenth century constructions of homosexuality, the systematic surgical alteration of intersex infants in North America, medical gatekeeping around transgender surgeries, debates surrounding the HPV vaccine, and the construction of race in health promotion.

### <h3>Related Links</h3>

Dr. Cacchioni's departmental website:

<http://www.uvic.ca/humanities/women/people/faculty/cacchionithea.php>

### **Maneesha Deckha**

Associate Professor

Faculty of Law

Phone: (250) 519-4717

E-mail: [mdeckha@uvic.ca](mailto:mdeckha@uvic.ca)

#### **Expertise:**

- Reproductive health and health law
- Bioethics
- Law and culture
- Law and Society
- Feminist Legal Theory
- Critical Animal Studies

### <h3>Expertise Profile</h3>

Our laws on animals reflect outdated values, says law professor Maneesha Deckha, who explores why the law can be slow to change and how it can move forward.

"Our current laws about animals are as outdated as laws about child labour and women's rights were many years ago," she says. "As a society that claims to care about its weakest members, we need to challenge our thinking about the legal status of animals."

With few exceptions, Canadian law divides all legal entities into persons or property, and it describes animals as property. In other words, we can pamper them, cage them, even kill them, as long as we don't cause "unnecessary suffering" while we're doing it.

Professor Deckha believes animals should have an alternative legal status that provides better protection, but does not believe that personhood is an ideal status for animals. "Animals deserve the protection from exploitation personhood provides, but I'm dissatisfied with the personhood model for animals, because it is very much tied to the human form and shape and fits non-human entities poorly," she says.

Professor Deckha's research into animal law springs from her interest in issues such as feminism, anti-racism, and health law and policy. "I'm fascinated with how unjust

laws denying personhood for women and other disadvantaged groups changed as societal attitudes shifted. It seems natural to extend this to the way our laws treat non-humans, or animals."

When Professor Deckha teaches, she uses interactive learning techniques to get students more involved. She often has students take part in role-playing or structured debates that allow them to engage with the material. "It leads to better learning," she says, "because they're immediately processing rather than just transcribing a lecture on their laptops and then looking at their notes two weeks before an exam."

### <h3>Related Links</h3>

Professor Deckha's Faces of UVic Research video:

<http://www.youtube.com/watch?v=inGIB6It6lA>

### **Lynne Marks**

History

Phone: (250) 721-7392

E-mail: [lsmarks@uvic.ca](mailto:lsmarks@uvic.ca)

#### **Expertise:**

- Social history of religion/irreligion
- Canadian history
- Women's/Gender history
- History of social welfare and current issues in social welfare/social policy.

### <h3>Expertise Profile</h3>

To understand why British Columbians are less religious than the rest of Canada, we need to step back in time to the 19th century.

History professor Dr. Lynne Marks unearths the historical roots of the West Coast's secular behaviour from the 1880s to World War I. In a manuscript she authored, Dr. Marks explores how factors such as ethnic diversity and religious practice in 19th century British Columbia influenced people's perceptions on gender and social class.

To the people of that time, choosing a religion or none impacted the way they understood their lives, she says. Dr. Marks looks at how their choices have shaped our present culture, down to why gay rights don't stir as much uproar in this province as in Ontario.

Dr. Marks has recently begun a new project with Dr. Margaret Little of Queen's department of politics and gender studies that explores the second wave women's movement in Canada from the late 1960s to the 1980s, looking particularly at how different elements of the women's movement perceived issues of motherhood and family.

In class, Dr. Marks refrains from imposing her opinions on the research matter, but rather, facilitates discussion forums so her students can think for themselves and contribute to her area with new insights.

**Laura Parisi**

Associate Professor  
Women's Studies  
Phone: (250) 472-4277  
E-mail: lparisi@uvic.ca

**Expertise:**

- Gender and international human rights
- International development
- Globalization studies
- Transnational activism
- Feminist methodology

**Expertise Profile**

If you look at who is the most poor in the world, it is women, whether they live in a developing country such as Zambia, or in Canada, says Dr. Laura Parisi.

Dr. Parisi is a women's studies professor and political scientist who studies gender and international human rights, international development, and globalization. She is working on two projects that examine the impact of current trends in international development policy on the achievement of gender equality.

The first, partnered with the Victoria International Development Education Association, looks at how changes in international development funding are affecting women's human rights organizations in southern Africa.

"Many human rights organizations in these countries have lost 70-80 per cent of their funding to do their projects, and some have actually closed," says Dr. Parisi.

Programs being impacted include those that support girls going to school, and those that promote an end to childhood marriage. Other long-term programs at risk include violence reduction and decreasing maternal mortality rates.

"In every country, including Canada, poverty is the biggest obstacle to achieving gender, racial and sexual equality," she says.

Dr. Parisi's second project looks at globally accepted strategies, or gender mainstreaming practices, for promoting gender equality. She looks at how the widespread policies of these practices influences or constrains those of human rights organizations around the world.

Dr. Parisi has worked with the UN as a researcher and activist, giving behind-the-scenes experience to her students who learn everything from activist skills to policy-making. Through her classes, they also get to understand where, as citizens, they fit into the economy and politics.

**Related Links**

Dr. Parisi's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=C1JvZfYw4IE>

Dr. Parisi's departmental website:  
<http://www.uvic.ca/humanities/women/people/faculty/parisilaura.php>

**Margaret Scaia**

Senior Instructor  
Nursing  
Phone: (250) 721-7963  
E-mail: mrscaia@uvic.ca

**Susan Strega**

Professor  
School of Social Work  
Phone: (250) 721-8333  
E-mail: sstrega@uvic.ca

**Expertise:**

- Violence against women
- Sex work and the sexual exploitation of children and youth
- Child welfare
- Research practices and methodologies
- Anti-oppressive practices and teaching

**Expertise Profile**

Whether she's advocating for parents or children caught up in child protection, or for more resources for street sex workers, Susan Strega does so with a deep sense of social justice.

Dr. Strega is a researcher in the School of Social Work whose current work is investigating the "demand side" of street sex work.

Along with two researchers from the sociology department, Helga Hallgrimsdottir and Steven Garlick, she is conducting face-to-face interviews with a mostly invisible population - male customers of street sex workers.

Their goal is to better understand the relationship between customer behaviour and masculinity, and how relationships between these men and the sex workers they patronize affect the experiences and trajectories of workers.

In a previous project, "Someone's Mother, Sister or Daughter," Dr. Strega and a Social Work research team - including Robina Thomas, Jeannine Carriere, and Leslie Brown - heard from street sex workers, and family members of street sex workers, in Winnipeg, Regina, Calgary and Edmonton about their lives, family relationships, and transitioning into and out of street sex work.

The team also collected and analysed media coverage of street sex work and the families of street sex workers.

## HUMANITIES

Among their findings, the team noted that research participants were active in resisting demeaning media coverage of workers, and advocated for themselves and other workers and family members.

Previous research projects focused on fathers and child welfare, young mothers in government care, and "failure to protect" practices and policies in child protection.

Dr. Strega's commitment to conducting research in socially just ways led her, with her colleague Leslie Brown, to edit a collection of work on socially just approaches to research, *Research as resistance* (CSPI, 2005). A second edition of this book is forthcoming.

### <h3>Related Links</h3>

Dr. Strega's Faces of UVic Research video:

<http://www.youtube.com/watch?v=KpmhuEC1swE>



# JUSTICE/LAW

## BUSINESS AND LABOUR LAW

### Daniel German

Associate Professor  
Computer Science  
Phone: (250) 472-5790  
E-mail: dmg@uvic.ca  
Languages: Spanish

#### Expertise:

The study of the evolution of software.  
The study of open source software engineering.  
The impact of the licensing of intellectual property in software development.  
<h3>Degrees</h3>  
Ph.D. (Waterloo)

### Andrew Newcombe

Faculty of Law  
Phone: (250) 721-8161  
E-mail: newcombe@uvic.ca  
Languages: French

#### Expertise:

International trade and investment law  
International arbitration  
Commercial law

### Martha O'Brien

Professor  
Faculty of Law  
Languages: French

#### Expertise:

- Canadian taxation law
- International taxation law
- International investment law
- Law of the European Union
- Constitutional law

<h3>Expertise Profile</h3>

Every rule has a reason. Taxes are no exception.

Martha O'Brien, professor in the Faculty of Law at the University of Victoria, studies Canadian, international and European Union tax law.

One thing she finds fascinating about taxes are their influences, which range from the social to the political to the economic.

Every state must decide who should bear the burden of taxes, why and what should be subsidized. For instance, in Canada we have subsidized health care and education, but we draw the line at cosmetic surgery and post-secondary tuition.

Globalization is also changing tax systems and tax law. Keeping a handle on the current state of the law through her research allows O'Brien to inform her students of its changing nature.

In her research, O'Brien reviews an area of tax law and then thinks about how it can be improved and where it's weak -- for example, is it enforceable? Much of her time is spent comparing tax law in Canada and the EU, their policies and their functions.

O'Brien got her LL.M. in EU law in Belgium and she is one of only a few Canadian tax scholars who focuses her research on EU issues.

In 2013, Professor O'Brien had the privilege of teaching at the Sorbonne in Paris. She taught comparative federal tax systems in a 12-hour intensive professional master's program in business and tax law.

## CIVIL LAW

### Elizabeth Adjin-Tettey

Professor and Associate Dean, Administration and Research  
Faculty of Law  
Phone: (250) 721-8182  
E-mail: eadjinte@uvic.ca

#### Expertise:

- Torts, specifically personal and fatal injuries
- Critical race and feminist theory
- Effect of laws on marginalized groups and individuals
- Judicial and government responses to claims of institutional abuse, special focus on Indigenous residential school survivors
- Remedies for personal and fatal injuries focusing on issues of inequalities in the assessment of damages for claimants from disadvantaged backgrounds

<h3>Expertise Profile</h3>  
The law is not a set of arbitrary rules; it applies to living, breathing human subjects.

Dr. Elizabeth Adjin-Tettey studies how those subjects are sometimes treated differently under the law.

She focuses on marginalized groups such as women, racialized and Indigenous peoples and their treatment in private law cases. Private law refers to cases such as personal injury claims and insurance claims, those not involving the state.

In the case of insurance, Dr. Adjin-Tettey has looked into specific cases of domestic violence where the family home is burnt down and the victim can't claim their insurance because spouses are seen as co-insurers.

In her study of personal injury claims, Dr. Adjin-Tettey focuses on how the courts decide on remedies, which are what the injured party is entitled to as compensation.

One recent project looks at sexual assault claims and how they tend to be treated differently than other personal

## JUSTICE/LAW

injury claims. In these cases, sexual assault claims often result in psychological injury but victims tend to be compensated less compared to those who suffer physical injuries. Why is that and how can it change?

Dr. Adjin-Tetty's research is directly related to the classes she teaches and she often brings in her own work to class.

In the classroom, her mantra is, "Let's not only talk about what the law is but who it affects and whether or not it actually is making a difference in people's lives."

Dr. Adjin-Tetty is the Associate Dean, Administration and Research in the Faculty of Law at the University of Victoria.

## CONSTITUTIONAL LAW

Dean of Law  
Faculty of Law

### **Expertise:**

Constitutional Law, Health Care Law, Human Rights, Comparative Law.

### **Cindy Holder**

Associate Professor  
Philosophy  
Indigenous Governance Program  
*E-mail:* clholder@uvic.ca  
*Languages:* French

### **Expertise:**

- human rights
- international law
- group rights (including the right to culture and indigenous peoples' rights)
- transitional justice (including truth commissions and international criminal law)
- Metaethical and normative ethical theories
- public policy ethics

Dr. Cindy Holder researches and teaches the philosophy of international law, focusing on human rights and transitions from gross and systematic human rights violations. She questions what makes international law binding and how international law is and should be applied by national political communities.

### <h3>Related Links</h3>

Dr. Holder's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=ol\\_eajPjSkk](http://www.youtube.com/watch?v=ol_eajPjSkk)

### **Martha O'Brien**

Professor  
Faculty of Law  
*Languages:* French  
**Expertise:**

- Canadian taxation law
- International taxation law
- International investment law
- Law of the European Union
- Constitutional law

### <h3>Expertise Profile</h3>

Every rule has a reason. Taxes are no exception.

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One thing she finds fascinating about taxes are their influences, which range from the social to the political to the economic.

Every state must decide who should bear the burden of taxes, why and what should be subsidized. For instance, in Canada we have subsidized health care and education, but we draw the line at cosmetic surgery and post-secondary tuition.

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In 2013, Professor O'Brien had the privilege of teaching at the Sorbonne in Paris. She taught comparative federal tax systems in a 12-hour intensive professional master's program in business and tax law.

**James Tully**

Distinguished Professor  
Political Science  
Faculty of Law  
Philosophy

**Expertise:**

Political Theory  
Democratic and Legal Theory  
Canadian Constitutionalism  
Indigenous Peoples

**Jeremy Webber**

Dean of Law  
Faculty of Law  
Phone: (250) 721-8147  
E-mail: lawdean@uvic.ca  
Languages: French

**Expertise:**

Constitutional Law  
Constitutional Theory  
Legal Philosophy  
Nationalism  
Cultural Difference

**<h3>Related Links</h3>**

Dr. Webber's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=1nwXb-Mokr8>

**CRIMINAL LAW****Simon Devereaux**

History  
Phone: (250) 721-7390  
E-mail: devereau@uvic.ca

**Expertise:**

British History, especially 1689-1870  
History of Crime, Policing and Punishment, especially in England

**Benedikt Fischer**

Sociology  
Languages: German

**Expertise:**

substance use  
public health  
infectious disease (i.e., HepC & HIV)  
crime & deviance  
criminal justice  
policing  
interventions & policy

**ENVIRONMENTAL LAW AND POLICY****Maneasha Deckha**

Associate Professor  
Faculty of Law  
Phone: (250) 519-4717  
E-mail: mdeckha@uvic.ca

**Expertise:**

-Reproductive health and health law  
-Bioethics  
-Law and culture  
-Law and Society  
-Feminist Legal Theory  
-Critical Animal Studies

**<h3>Expertise Profile</h3>**

Our laws on animals reflect outdated values, says law professor Maneasha Deckha, who explores why the law can be slow to change and how it can move forward.

"Our current laws about animals are as outdated as laws about child labour and women's rights were many years ago," she says. "As a society that claims to care about its weakest members, we need to challenge our thinking about the legal status of animals."

With few exceptions, Canadian law divides all legal entities into persons or property, and it describes animals as property. In other words, we can pamper them, cage them, even kill them, as long as we don't cause "unnecessary suffering" while we're doing it.

Professor Deckha believes animals should have an alternative legal status that provides better protection, but does not believe that personhood is an ideal status for animals. "Animals deserve the protection from exploitation personhood provides, but I'm dissatisfied with the personhood model for animals, because it is very much tied to the human form and shape and fits non-human entities poorly," she says.

Professor Deckha's research into animal law springs from her interest in issues such as feminism, anti-racism, and health law and policy. "I'm fascinated with how unjust laws denying personhood for women and other disadvantaged groups changed as societal attitudes shifted. It seems natural to extend this to the way our laws treat non-humans, or animals."

When Professor Deckha teaches, she uses interactive learning techniques to get students more involved. She often has students take part in role-playing or structured debates that allow them to engage with the material. "It leads to better learning," she says, "because they're immediately processing rather than just transcribing a lecture on their laptops and then looking at their notes two weeks before an exam."

**<h3>Related Links</h3>**

Professor Deckha's Faces of UVic Research video:

## JUSTICE/LAW

<http://www.youtube.com/watch?v=inGIB6It6lA>

### **Eric Higgs**

School of Environmental Studies

Phone: (250) 721-8228

E-mail: ehiggs@uvic.ca

#### **Expertise:**

- Ecological Restoration
  - Philosophy of Ecological Restoration
  - Policy and Practice of Ecological Restoration (especially in mountain regions and protected areas)
  - Historical Ecology, including Cultural and Ecological Change
  - Repeat Photography
  - Philosophy of Technology
- <h3>Expertise Profile</h3>  
Climate change, species extinction and extreme weather are rapidly changing the face of our planet.

Dr. Eric Higgs concentrates on how we can help ecosystems recover from that change.

His integrative approach to ecological restoration draws on resources from philosophy, anthropology and ecology.

Dr. Higgs is trained as a philosopher and ecological planner and uses both to look at the conceptual and ethical issues involved in restoring ecosystems. What responsibility do we as humans have? What intervention methods should we use?

As a professor and former director of the University of Victoria's School of Environmental Studies, Dr. Higgs uses a combination of fieldwork and interdisciplinary learning in many of his undergraduate and graduate classes.

He helms the Mountain Legacy Project, where students and researchers venture to the tops of peaks across BC and Alberta. There, they replicate photos taken over 80 years ago to compare and study change in these mountain environments.

The project makes policy recommendations to bodies such as Parks Canada and the Government of Alberta.

His current research interests include nature and technology, novel and hybrid ecosystems, and cultural changes in the way we value nature.

Future projects include a sequel to Nature by Design, his oft-cited book on how we think about ecological restoration.

<h3>Related Links</h3>

Dr. Higgs' Faces of UVic Research video:  
<http://youtu.be/38GjawDgguA>

### **Richard Rajala**

History

Phone: (250) 721-7394

E-mail: rrajala@uvic.ca

#### **Expertise:**

- Forest Policy
- Technological Change in Forestry and Logging
- Labour History of the Forest Industry
- The Environmental History of Forest Practices including Impact on Fish Habitat

## EUROPEAN UNION

### **Martha O'Brien**

Professor

Faculty of Law

Languages: French

#### **Expertise:**

- Canadian taxation law
- International taxation law
- International investment law
- Law of the European Union
- Constitutional law

<h3>Expertise Profile</h3>

Every rule has a reason. Taxes are no exception.

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One thing she finds fascinating about taxes are their influences, which range from the social to the political to the economic.

Every state must decide who should bear the burden of taxes, why and what should be subsidized. For instance, in Canada we have subsidized health care and education, but we draw the line at cosmetic surgery and post-secondary tuition.

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In her research, O'Brien reviews an area of tax law and then thinks about how it can be improved and where it's weak -- for example, is it enforceable? Much of her time is spent comparing tax law in Canada and the EU, their policies and their functions.

O'Brien got her LL.M. in EU law in Belgium and she is one of only a few Canadian tax scholars who focuses her research on EU issues.

In 2013, Professor O'Brien had the privilege of teaching at the Sorbonne in Paris. She taught comparative federal tax systems in a 12-hour intensive professional master's program in business and tax law.

**Amy Verdun**

Jean Monnet Chair  
Political Science

*Phone:* (250) 721-7491

*E-mail:* averdun@uvic.ca

*Languages:* Dutch, Italian, French and German

**Expertise:**

European monetary integration and the creation of a European single currency: Why and how does/did it happen?

European Governance and Enlargement

Theories of European Integration

Transatlantic Foreign and Security Policy Political

Economy of Europe

<h3>Related Links</h3>

Dr. Verdun's Faces of UVic Research video:

[http://www.youtube.com/watch?v=4\\_XrMCj6bUo](http://www.youtube.com/watch?v=4_XrMCj6bUo)

**FAMILY LAW****Colin Macleod**

Associate Professor

Faculty of Law

Philosophy

Political Science

*Phone:* (250) 721-7521

*E-mail:* cmacleod@uvic.ca

**Expertise:**

- Contemporary moral and political philosophy (especially theories of justice, children's rights and democratic ethics)

- Philosophy of law

<h3>Expertise Profile</h3>

For Dr. Colin Macleod, philosophy is as much about connecting to real on the ground problems as it is about debating an idea.

Dr. Macleod conducts research in democratic ethics and theory and examines the responsibilities of the various groups that make up a democratic society - citizens, politicians, political strategists and the media.

He has extensive knowledge of law and politics, which allows him to comment on the equality and morality of our own democratic system here in Canada.

His hope is to engage his students and society in considering what "justice" really means. How can we create a more just society?

Much of Dr. Macleod's work focuses on children and family justice and children's rights.

One research project looks at justice in the education system. The study considers what access to educational resources - like textbooks and school supplies - children in a just society should have.

Another project considers the place of religion in US public education.

Dr. Macleod is one of the founders of the Consortium on Democratic Constitutionalism (DEMCON) at UVic. The consortium is an interdisciplinary and international group of legal, political and social theorists who work on questions of constitutional theory, design and practice.

Dr. Macleod has published multiple articles and volumes on various subjects including contemporary moral and political philosophy, justice and equality, democratic theory, the nature of law, and children's rights.

<h3>Related Links</h3>

Dr. Macleod's website:

[http://web.uvic.ca/~cmacleod/Colin\\_Macleod/Welcome.html](http://web.uvic.ca/~cmacleod/Colin_Macleod/Welcome.html)

**INTERNATIONAL LAW****Jeff Corntassel**

Indigenous Governance Program

Political Science

*Phone:* (250) 721-6440

*E-mail:* ctassel@uvic.ca

*Languages:* Tsalagi (Cherokee)

**Expertise:**

Global Indigenous Rights

Indigenous governance

Self-Determination

Decolonization movements

Indigenous Political Mobilization

International Law/Organizations

Dean of Law

Faculty of Law

**Expertise:**

Constitutional Law, Health Care Law, Human Rights, Comparative Law.

**Cindy Holder**

Associate Professor

Philosophy

Indigenous Governance Program

*E-mail:* clholder@uvic.ca

*Languages:* French

**Expertise:**

-human rights

-international law

-group rights (including the right to culture and indigenous peoples' rights)

-transitional justice (including truth commissions and international criminal law)

-Metaethical and normative ethical theories

-public policy ethics

Dr. Cindy Holder researches and teaches the philosophy of international law, focusing on human rights and transitions from gross and systematic human rights

## JUSTICE/LAW

violations. She questions what makes international law binding and how international law is and should be applied by national political communities.

### <h3>Related Links</h3>

Dr. Holder's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=ol\\_eajPjSkk](http://www.youtube.com/watch?v=ol_eajPjSkk)

### **Andrew Newcombe**

Faculty of Law  
*Phone:* (250) 721-8161  
*E-mail:* [newcombe@uvic.ca](mailto:newcombe@uvic.ca)  
*Languages:* French  
*Expertise:*

- International trade and investment law
- International arbitration
- Commercial law

## SEXUALITY AND THE LAW

### **Cecilia Benoit**

Professor  
Centre for Addictions Research of BC  
Sociology  
*Phone:* (250) 853-3132  
*E-mail:* [cbenoit@uvic.ca](mailto:cbenoit@uvic.ca)  
*Expertise:*

- Social equity and social justice
- Sex work and social rights
- Midwifery and maternity care
- Substance use
- Stigma and resiliency
- Street-involved youth
- Aboriginal women's health
- Intersectionality

### <h3>Expertise Profile</h3>

Dr. Cecilia Benoit conducts the kind of research that pulls vulnerable and hidden populations from the shadows of social stigma in British Columbia and across Canada.

The sociologist has worked on projects including the legalization of midwives in Canada since 1993, the health of Aboriginal girls and women in Vancouver's Downtown Eastside, and a HerWay Home program for pregnant women using substances in Victoria - an initiative that provides this group with better access to clinical services and advocates affordable housing.

Dr. Benoit also leads a nation-wide project examining situations where violence arises in the sex industry and the well-being of sex workers in general.

So far, the study has empowered male, female and transgender sex workers to develop resilience against stigma, and the ability to maintain a positive sense of mental, emotional and physical well-being during times of difficulty and transition.

Dr. Benoit's work on the sex industry is challenging parts of the Criminal Code of Canada and dispelling some of the negative stereotypes the public has about sex workers.

"It's the attitudes and actions of the majority who hold power that has to change," she says. "People are becoming unhealthy because of the views society imposes on them."

Dr. Benoit's direct experience with studying the lives of sex workers shapes the way she approaches her class topics. She brings a more complex and realistic understanding of sex workers who are more diverse and have greater agency than current stereotypes portray.

### <h3>Related Links</h3>

Dr. Benoit's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=vnT5Mfdw4Jo>

### **Maneesha Deckha**

Associate Professor  
Faculty of Law  
*Phone:* (250) 519-4717  
*E-mail:* [mdeckha@uvic.ca](mailto:mdeckha@uvic.ca)  
*Expertise:*

- Reproductive health and health law
- Bioethics
- Law and culture
- Law and Society
- Feminist Legal Theory
- Critical Animal Studies

### <h3>Expertise Profile</h3>

Our laws on animals reflect outdated values, says law professor Maneesha Deckha, who explores why the law can be slow to change and how it can move forward.

"Our current laws about animals are as outdated as laws about child labour and women's rights were many years ago," she says. "As a society that claims to care about its weakest members, we need to challenge our thinking about the legal status of animals."

With few exceptions, Canadian law divides all legal entities into persons or property, and it describes animals as property. In other words, we can pamper them, cage them, even kill them, as long as we don't cause "unnecessary suffering" while we're doing it.

Professor Deckha believes animals should have an alternative legal status that provides better protection, but does not believe that personhood is an ideal status for animals. "Animals deserve the protection from exploitation personhood provides, but I'm dissatisfied with the personhood model for animals, because it is very much tied to the human form and shape and fits non-human entities poorly," she says.

Professor Deckha's research into animal law springs from her interest in issues such as feminism, anti-racism, and health law and policy. "I'm fascinated with how unjust laws denying personhood for women and other disadvantaged groups changed as societal attitudes shifted. It seems natural to extend this to the way our laws treat non-humans, or animals."

When Professor Deckha teaches, she uses interactive learning techniques to get students more involved. She often has students take part in role-playing or structured debates that allow them to engage with the material. "It leads to better learning," she says, "because they're immediately processing rather than just transcribing a lecture on their laptops and then looking at their notes two weeks before an exam."

### <h3>Related Links</h3>

Professor Deckha's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=inGIB6It6lA>

### **Mehmoona Moosa-Mitha**

Dr.

School of Social Work

*Phone:* (250) 721-8041

*E-mail:* mehmoona@uvic.ca

*Languages:* Gujerati and Swahili

***Expertise:***

Citizenship Rights of Children

Social Policy Development in Relation to Marginalised Children

Anti-Racist Feminist Theorisation and Analysis

Child Welfare Social Work Practice

## MUSIC

### CHAMBER MUSIC

#### **Ann Elliott-Goldschmid**

Artist in Residence

Music

*Phone:* (250) 721-7919

*E-mail:* aelliott@uvic.ca

**Expertise:**

Practice of Musical Performance  
Primarily Chamber Music, with the Internationally recognized Lafayette String Quartet.  
Also, concertmaster of the Galiano Ensemble of Victoria <http://galiano.ca/>  
Recital engagements, collaborating with artists including Bruce Vogt, Eva Solar Kinderman, Marc Ryser, Arthur Rowe, Harald Krebs, Eugene Dowling, David Jaffe.

### COMPOSITION

#### **Daniel Biro**

Music

*Phone:* (250) 721-7930

*E-mail:* dpbiro@uvic.ca

*Languages:* Hungarian, German, Hebrew and some French

**Expertise:**

Composition  
Music Theory  
Ethnomusicology  
Judaic Studies  
Critical Theory  
Electro-Acoustic Music

### ELECTRONIC AND COMPUTER MUSIC

#### **Daniel Biro**

Music

*Phone:* (250) 721-7930

*E-mail:* dpbiro@uvic.ca

*Languages:* Hungarian, German, Hebrew and some French

**Expertise:**

Composition  
Music Theory  
Ethnomusicology  
Judaic Studies  
Critical Theory  
Electro-Acoustic Music

#### **Peter Driessen**

Electrical and Computer Engineering  
Music

*Phone:* (250) 721-8688

**Expertise:**

Audio and Video Signal Processing  
Computer Music  
Wireless Communications  
Radio Propagation  
Sound Recording  
Audio aspects of media  
Communications Systems  
Multimedia systems and networks  
<h3>Degrees</h3>  
B.Sc., Ph.D. (British Columbia) P.Eng.

#### **W. Andrew Schloss**

Professor

Music

Computer Science

*Phone:* (250) 721-7931

*E-mail:* aschloss@uvic.ca

*Languages:* Spanish

**Expertise:**

- Electronic and computer music
- Computer-human interaction
- Non-western music
- New musical instruments
- Ethnomusicology

<h3>Expertise Profile</h3>

Dr. Andrew Schloss combines science and art by experimenting with music using technology.

Dr. Schloss is the co-creator of the combined Music and Computer Science degree program at the University of Victoria. Even in his class on acoustics, which is largely technical, he is still interested in how acoustics can inspire his students as artists.

From the beginning of his career, Dr. Schloss has paid particular attention to the role of the computer in musical performance and has composed several pieces using computers and virtual instruments.

He has a keen interest in new musical instruments and as a percussionist and electronic musician he's a virtuoso on a new instrument called the radiodrum. He has had great success with the instrument, performing across Europe and North America since 1988.

Recently he has developed an interest in music and robotics. He uses a computer to activate robotics that produce acoustic sound live.

Another longstanding interest is the field of public art and sound art. He has collaborated with numerous artists around the world and most recently worked on translating



the tides into sound with a sculpture in False Creek by the Seattle artist Buster Simpson.

His other research interests rest in ethnomusicology, specifically Cuban and West African music.

<h3>Degrees</h3>  
Ph.D. (Stanford)

<h3>Related Links</h3>

Dr. Schloss' Faces of UVic Research video:  
<http://youtu.be/8VtPnr4WF0w>

### George Tzanetakis

Assistant Professor  
Computer Science  
Music

Phone: (250) 472-5711

E-mail: [gtzan@cs.uvic.ca](mailto:gtzan@cs.uvic.ca)

Languages: Greek

#### Expertise:

- Music information retrieval
- Computer music
- Audio signal processing
- Machine learning
- Human computer interaction

<h3>Expertise Profile</h3>

If engineering and fine arts seem worlds apart, then take a look at how George Tzanetakis blends the two.

As a computer scientist and the Canada Research Chair in Computer Analysis of Audio and Music, Dr. Tzanetakis is an emerging researcher in music information retrieval - he creates algorithms that instantly extract information from complex audio signals.

This has all sorts of creative applications, from personalized radio systems that recommend music you may like, or audio fingerprinting in mobile phones, which allows you to identify a music piece being played in a coffee shop or a bar.

Dr. Tzanetakis is currently working on analyzing large personal music collections to develop systems that recommend music to a particular user. He wants to expand the technology's capabilities so that computers, listeners and musicians can interact better with each other.

Dr. Tzanetakis, a musician himself, is also developing a robotic percussionist that can improvise with human performers. Although a music ensemble with musicians and computers can be complex, he believes it can also be rich and dynamic. His curiosity in the field drives him to iron out the wrinkles still present in human-computer interactions.

Working with whale biologists, Dr. Tzanetakis is also involved in building tools to analyze audio vocalizations

of killer whales. Working with 20,000 hours of archival data, he is helping to streamline the process by creating algorithms that can mark segments of interest, organize the audio files and recognize various types of orca calls.

In the innovative Computer Science and Music combined program, Dr. Tzanetakis engages his students in real-life projects that push their boundaries and help them understand learned concepts at a deeper level.

<h3>Degrees</h3>

Dr. Tzanetakis holds a Ph.D. from Princeton.

<h3>Related Links</h3>

Dr. Tzanetakis' Faces of UVic Research video:  
<http://www.youtube.com/watch?v=iRGUK59TTjM>

## JAZZ

### W. Andrew Schloss

Professor  
Music

Computer Science

Phone: (250) 721-7931

E-mail: [aschloss@uvic.ca](mailto:aschloss@uvic.ca)

Languages: Spanish

#### Expertise:

- Electronic and computer music
- Computer-human interaction
- Non-western music
- New musical instruments
- Ethnomusicology

<h3>Expertise Profile</h3>

Dr. Andrew Schloss combines science and art by experimenting with music using technology.

Dr. Schloss is the co-creator of the combined Music and Computer Science degree program at the University of Victoria. Even in his class on acoustics, which is largely technical, he is still interested in how acoustics can inspire his students as artists.

From the beginning of his career, Dr. Schloss has paid particular attention to the role of the computer in musical performance and has composed several pieces using computers and virtual instruments.

He has a keen interest in new musical instruments and as a percussionist and electronic musician he's a virtuoso on a new instrument called the radiodrum. He has had great success with the instrument, performing across Europe and North America since 1988.

Recently he has developed an interest in music and robotics. He uses a computer to activate robotics that produce acoustic sound live.

Another longstanding interest is the field of public art and sound art. He has collaborated with numerous artists around the world and most recently worked on translating

## MUSIC

the tides into sound with a sculpture in False Creek by the Seattle artist Buster Simpson.

His other research interests rest in ethnomusicology, specifically Cuban and West African music.

<h3>Degrees</h3>  
Ph.D. (Stanford)

<h3>Related Links</h3>  
Dr. Schloss' Faces of UVic Research video:  
<http://youtu.be/8VtPnr4WF0w>

### MUSIC EDUCATION

#### **Ann Elliott-Goldschmid**

Artist in Residence

Music

*Phone:* (250) 721-7919

*E-mail:* [aelliott@uvic.ca](mailto:aelliott@uvic.ca)

#### **Expertise:**

Practice of Musical Performance  
Primarily Chamber Music, with the Internationally recognized Lafayette String Quartet.  
Also, concertmaster of the Galiano Ensemble of Victoria  
<http://galiano.ca/>  
Recital engagements, collaborating with artists including Bruce Vogt, Eva Solar Kinderman, Marc Ryser, Arthur Rowe, Harald Krebs, Eugene Dowling, David Jaffe.

#### **W. Andrew Schloss**

Professor

Music

Computer Science

*Phone:* (250) 721-7931

*E-mail:* [aschloss@uvic.ca](mailto:aschloss@uvic.ca)

*Languages:* Spanish

#### **Expertise:**

- Electronic and computer music
- Computer-human interaction
- Non-western music
- New musical instruments
- Ethnomusicology

<h3>Expertise Profile</h3>

Dr. Andrew Schloss combines science and art by experimenting with music using technology.

Dr. Schloss is the co-creator of the combined Music and Computer Science degree program at the University of Victoria. Even in his class on acoustics, which is largely technical, he is still interested in how acoustics can inspire his students as artists.

From the beginning of his career, Dr. Schloss has paid particular attention to the role of the computer in musical performance and has composed several pieces using computers and virtual instruments.

He has a keen interest in new musical instruments and as a percussionist and electronic musician he's a virtuoso on a

new instrument called the radiodrum. He has had great success with the instrument, performing across Europe and North America since 1988.

Recently he has developed an interest in music and robotics. He uses a computer to activate robotics that produce acoustic sound live.

Another longstanding interest is the field of public art and sound art. He has collaborated with numerous artists around the world and most recently worked on translating the tides into sound with a sculpture in False Creek by the Seattle artist Buster Simpson.

His other research interests rest in ethnomusicology, specifically Cuban and West African music.

<h3>Degrees</h3>  
Ph.D. (Stanford)

<h3>Related Links</h3>  
Dr. Schloss' Faces of UVic Research video:  
<http://youtu.be/8VtPnr4WF0w>

### MUSIC HISTORY

#### **Susan Lewis**

Music

*Phone:* (250) 721-7755

*E-mail:* [finedean@uvic.ca](mailto:finedean@uvic.ca)

#### **Expertise:**

My research focuses on music printing and publishing in Europe during the 16th- and 17th- centuries. My specific research interests are music editing and the professionalization of the role of editor.

### MUSIC THEORY

#### **Daniel Biro**

Music

*Phone:* (250) 721-7930

*E-mail:* [dpbirro@uvic.ca](mailto:dpbirro@uvic.ca)

*Languages:* Hungarian, German, Hebrew and some French

#### **Expertise:**

Composition  
Music Theory  
Ethnomusicology  
Judaic Studies  
Critical Theory  
Electro-Acoustic Music

**Alexandrine Boudreault-Fournier**

Assistant Professor

Anthropology

Phone: (250) 721-7052

E-mail: alexbf@uvic.ca

Languages: Spanish, French

**Expertise:**

- Visual anthropologist producing films and installations
- Music and sound
- Visual and media arts
- Music
- Music, youth and politics in Cuba

**Expertise Profile**

Alexandrine Boudreault-Fournier is a visual anthropologist with a focus on Cuba; she laces together the disciplines of anthropology, visual arts and sound studies to explore new theoretical and methodological avenues of research.

One of the main contributions she brings to visual anthropology is the recognition of sound, which she considers to be culturally meaningful but often forgotten in our everyday life. Her courses, where she has the most impact, focus on media, sound and visual anthropology.

Before becoming an assistant professor in the department of anthropology, Dr. Boudreault-Fournier examined hip-hop culture in urban Cuba and its significance for the youth after the Revolution in 1959.

She eventually directed a film on this topic in 2010 called Golden Scars. Having always been interested in producing videos as a creative outlet for showcasing her anthropological research.

More recently, her research has expanded to the enjoyment and sharing of digital music in Cuba, a country where there is little access to the internet due to technological and ideological reasons. She looks at how the memory stick promotes the sharing of files, but raises the risk of contaminating computers that lack security software.

Dr. Boudreault-Fournier's work informs people that even in our rapidly-changing world with digital media at its helm, not everyone has access to the internet. She looks at how the role of political will, power and the access to internet shape the way people interact with each other in Cuba.

In 2012, Dr. Boudreault-Fournier initiated a group of students called Sonoptica who organize events such as the annual Turbulent Film Festival. She is also managing a summer school program in Cuba for students in cultural anthropology to which she brings an immersive and contextual approach to the month-long course.

# PSYCHOLOGY

## ADULTHOOD AND AGING

### Neena Chappell

Professor

Sociology

Aging, Centre on

#### **Expertise:**

- Informal and formal caregiving
- Care for people with dementia
- Drug policies
- Cross-cultural comparisons with Chinese society
- Quality of community-based home and residential care
- Canadian health care system

<h3>Expertise Profile</h3>

By 2020, fully 25 per cent of Canada's population will be over the age of 60.

For sociologist Dr. Neena Chappell, this isn't new.

Over the last 35 years, Dr. Chappell has been a leader in gerontological research, focusing on issues around aging, care giving and health and social policy.

She is internationally known for her work on home care, supporting the case for government expansion in this area to provide more efficient and appropriate health care for an aging society. In her upcoming book on the subject, Dr. Chappell argues that not only would such a system benefit older adults, but it could also be cost effective.

Dr. Chappell has done groundbreaking research on the extent and importance of informal support for seniors, including several cross-national studies on family provision of care to older adults when their health deteriorates.

Of particular interest to her are attitudes and beliefs towards providing care, among Chinese communities in Canada, Hong Kong and mainland China, as well as among Canadians.

She has established two world-class university-based research centres on aging, one at the University of Manitoba and one here at the University of Victoria.

In her research and in the classroom, Dr. Chappell argues for recognition of the positive aspects of aging as well as recognition of the problems and challenges. Her students see much of her research and she is always bringing in a story or two from the field.

Dr. Chappell has been the Canada Research Chair in Social Gerontology since 2001 and is currently immediate past-president of the Canadian Association on Gerontology and President, Academy II (Social Sciences) of the Royal Society of Canada.

<h3>Related Links</h3>

Dr. Chappell's Faces of UVic Research video:  
<http://youtu.be/wlJjHJ4XJao>

### Budd Hall

Public Administration

Phone: (250) 721-8062

E-mail: [bhall@uvic.ca](mailto:bhall@uvic.ca)

Languages: French, Spanish and Kiswahili

#### **Expertise:**

- Participatory Research, Community-Based Research,
- Social Movement Learning
- Adult Education
- Global Civil Society
- Poetry and Social Movements

### Karen Kobayashi

Sociology

Phone: (250) 721-7574

E-mail: [kmkobay@uvic.ca](mailto:kmkobay@uvic.ca)

Languages: Japanese

#### **Expertise:**

- Aging
- Ethnicity
- Health
- Family
- Mixed Methods in Social Research

### Catherine Mateer

Psychology

E-mail: [cmateer@uvic.ca](mailto:cmateer@uvic.ca)

#### **Expertise:**

- Clinical Neuropsychology
- Assessment of Cognitive Abilities
- Neuropsychological Rehabilitation
- Attention

### Debra Sheets

School of Nursing

Phone: (250) 853-3947

E-mail: [dsheets@uvic.ca](mailto:dsheets@uvic.ca)

#### **Expertise:**

- gerontology, geriatric nursing, healthy aging, creativity and quality of life, aging with physical disability, family caregiving, end and evaluation

**CLINICAL NEUROPSYCHOLOGY****Mauricio Garcia-Barrera**

Psychology

Phone: (250) 472-5067

E-mail: mgarcia@uvic.ca

Languages: Spanish

**Expertise:**

I conduct my research at CORTEX, a lab at the University of Victoria, Department of Psychology, dedicated to the analysis of human behavior and cognitive processing that is executive in nature. Currently, we have four areas of research: (1) Conceptualization of the construct executive function and development of ecologically valid and reliable methods to assess executive functions. (2) Examination of structural patterns of executive systems including the prefrontal cortex and its subdivisions (orbitofrontal, dorsolateral, and ventromedial areas), the Anterior Cingulate Cortex, the Cerebellum, and corpus callosum). (3) Development of executive functions from preschool years to adulthood and examination of patterns of decline through aging. And (4) examination of moderators of executive functioning such as exercise, bilingualism, and history of neurodevelopmental disorders (e.g., ADHD) or acquired (e.g., concussions) brain injuries.

**Catherine Mateer**

Psychology

E-mail: cmateer@uvic.ca

**Expertise:**

Clinical Neuropsychology  
Assessment of Cognitive Abilities  
Neuropsychological Rehabilitation  
Attention

**CLINICAL PSYCHOLOGY****Jeffrey Ansloos**

Assistant Professor and Registered Psychologist

Human and Social Development

Child and Youth Care

Centre for Youth and Society

Phone: (250) 721-7990

E-mail: ansloos@uvic.ca

Languages: Basic conversational proficiency in French and Spanish

**Expertise:**

Narrative and Arts-Based Research  
Youth engagement in public policy development  
Indigenous youth mental health  
Indigenous rights  
Identity-based conflict, violence prevention, and peace-building  
Ethics of violence, nonviolence, and reconciliation  
Youth activism and social movements  
Youth migration, displacement, and resettlement  
Refugee mental health policy in the Middle East and North Africa

**Catherine Mateer**

Psychology

E-mail: cmateer@uvic.ca

**Expertise:**

Clinical Neuropsychology  
Assessment of Cognitive Abilities  
Neuropsychological Rehabilitation  
Attention

**Tara Ney**

Assistant Professor

Human and Social Development

Public Administration

Phone: (250) 721-8199

E-mail: tney@uvic.ca

**Expertise:**

Conflict theory, participatory governance mechanisms, restorative justice, discourse theory

**Erica Woodin**

Assistant Professor

Psychology

Centre for Addictions Research of BC

Phone: (250) 721-8590

E-mail: ewoodin@uvic.ca

**Expertise:**

- Domestic violence and substance use in close relationships
- The causes and consequences of verbal conflict and physical aggression
- The impact of harmful behaviours on individual, couple, and child functioning
- Effectiveness of treatment efforts to reduce aggressive behaviours
- Use of prevention efforts to avert partner aggression in adolescence and early adulthood
- Links between partner aggression and substance abuse

**Expertise Profile**

Dr. Erica Woodin studies intimate relationships and the things that damage them, specifically domestic violence and substance abuse.

As a research affiliate with the Centre for Addictions Research BC and the director of UVic's Couples and Families Lab, Dr. Woodin helps partners cope with the stresses associated with becoming parents for the first time.

Collaborating with departmental colleague Ulrich Mueller on the transition from partners to parents, Dr. Woodin is following local couples in their third trimester of pregnancy over one, two and four years.

Her goal is to look for patterns of aggressive behaviour and identify which couples are at higher risk for problems in their relationships.

"Awareness is critical for these couples who don't always

## PSYCHOLOGY

realize they're fighting," she says.

Dr. Woodin adds that pregnancy is an opportunity for partners to accommodate change in their relationship. Her work can inform the way mental health practitioners, nurses and maternity doctors support their community.

Before her career at UVic, Dr. Woodin worked with university couples where partners were at high risk of physical aggression using a model specifically designed for people with alcohol abuse. Motivational interviewing, where partners talked through their goals for changing their behaviour, reduced the levels of physical aggression for up to nine months after the counselling stage.

In the Department of Psychology, where she teaches, Dr. Woodin uses her background as a clinical psychologist to shape student's understanding of how mental health issues can affect healthy relationships and how intimate relationships in turn, can impact individual health.

### <h3>Related Links</h3>

Dr. Woodin's Faces of Uvic Research video:  
<https://www.youtube.com/watch?v=yA9eZWtaYIQ>

## COGNITIVE PSYCHOLOGY AND NEUROSCIENCE

### **Mauricio Garcia-Barrera**

Psychology

*Phone:* (250) 472-5067

*E-mail:* mgarcia@uvic.ca

*Languages:* Spanish

#### **Expertise:**

I conduct my research at CORTEX, a lab at the University of Victoria, Department of Psychology, dedicated to the analysis of human behavior and cognitive processing that is executive in nature. Currently, we have four areas of research: (1) Conceptualization of the construct executive function and development of ecologically valid and reliable methods to assess executive functions. (2) Examination of structural patterns of executive systems including the prefrontal cortex and its subdivisions (orbitofrontal, dorsolateral, and ventromedial areas), the Anterior Cingulate Cortex, the Cerebellum, and corpus callosum). (3) Development of executive functions from preschool years to adulthood and examination of patterns of decline through aging. And (4) examination of moderators of executive functioning such as exercise, bilingualism, and history of neurodevelopmental disorders (e.g., ADHD) or acquired (e.g., concussions) brain injuries.

### **Olave Krigolson**

Assistant Professor

School of Exercise Science, Physical and Health Ed  
Psychology

Medical Sciences

*Phone:* (250) 721-7843

*E-mail:* krigolson@uvic.ca

*Languages:* French, German

#### **Expertise:**

-Neuroeconomics

-Decision-making

-Motor-learning and control

<h3>Expertise Profile</h3>

Neuroscientist Olav Krigolson wants to understand how we make decisions.

He measures people's brainwaves as they acquire new skills and make choices. With that information, he can see what part of the brain people use when making different types of decisions, such as emotional ones or logical ones. He also seeks to understand how people learn to make the choices they do. "When you make a decision it's usually based on experience, so learning experiences impact the decisions that you make," he says.

Through his research, Dr. Krigolson learns how external factors affect people's decision-making processes: "We're looking at why doctors make the decisions they do and how that changes with experiences and how it changes with fatigue. We can actually show with the brain that people are making poor decisions as fatigue increases because parts of their brain aren't performing the way they should."

Dr. Krigolson says his research has changed the way he teaches. After he assesses them, his students learn where they went wrong and can figure out how to improve. This is why Dr. Krigolson always allows his students to re-do exams. "If one of the goals of his class is to know the lobes of the brain," he says, "do you really care if it takes students one try or ten? I just want them to know the lobes of the brain."

### <h3>Related links</h3>

-UVic neuroeconomics laboratory's website:

<http://neuroeconlab.com/>

-Dr. Krigolson's Faces of UVic research video:

[www.youtube.com/watch?v=e6QOXIzWw3s](http://www.youtube.com/watch?v=e6QOXIzWw3s)

**Donald Lindsay**

Prof.  
Psychology  
Phone: (250) 721-8593  
E-mail: slindsay@uvic.ca

**Expertise:**

Psychology  
Cognitive Psychology  
Human memory  
Eyewitness memory

**Michael Masson**

Psychology  
Phone: (250) 721-7536  
E-mail: mmasson@uvic.ca

**Expertise:**

Embodied cognition, cognitive control, basic processes of human memory.

**Catherine Mateer**

Psychology  
E-mail: cmateer@uvic.ca

**Expertise:**

Clinical Neuropsychology  
Assessment of Cognitive Abilities  
Neuropsychological Rehabilitation  
Attention

**W. Andrew Schloss**

Professor  
Music  
Computer Science  
Phone: (250) 721-7931  
E-mail: aschloss@uvic.ca

Languages: Spanish

**Expertise:**

- Electronic and computer music
- Computer-human interaction
- Non-western music
- New musical instruments
- Ethnomusicology

<h3>Expertise Profile</h3>

Dr. Andrew Schloss combines science and art by experimenting with music using technology.

Dr. Schloss is the co-creator of the combined Music and Computer Science degree program at the University of Victoria. Even in his class on acoustics, which is largely technical, he is still interested in how acoustics can inspire his students as artists.

From the beginning of his career, Dr. Schloss has paid particular attention to the role of the computer in musical performance and has composed several pieces using computers and virtual instruments.

He has a keen interest in new musical instruments and as a percussionist and electronic musician he's a virtuoso on a

new instrument called the radiodrum. He has had great success with the instrument, performing across Europe and North America since 1988.

Recently he has developed an interest in music and robotics. He uses a computer to activate robotics that produce acoustic sound live.

Another longstanding interest is the field of public art and sound art. He has collaborated with numerous artists around the world and most recently worked on translating the tides into sound with a sculpture in False Creek by the Seattle artist Buster Simpson.

His other research interests rest in ethnomusicology, specifically Cuban and West African music.

<h3>Degrees</h3>

Ph.D. (Stanford)

<h3>Related Links</h3>

Dr. Schloss' Faces of UVic Research video:

<http://youtu.be/8VtPnr4WF0w>

**Ronald Skelton**

Psychology

**Expertise:**

- Recovery of Function After Brain Injury:
- Loss of memory and spatial navigation (wayfinding).
- Measuring outcome after brain injury and changes in functioning during rehabilitation.

**James Tanaka**

Professor  
Psychology  
Phone: (250) 721-7541  
E-mail: jtanaka@uvic.ca

**Expertise:**

- The cognitive and neurological processes underlying object and face recognition
- The perceptual processes involved in expert object recognition
- Applying the principles of perceptual expertise to teach children with autism how to recognize faces
- Developing new technologies to help kids recognize faces

<h3>Expertise Profile</h3>

What's the first thing you notice upon entering a room?

For most of us, it's people or, more specifically, people's faces. Individuals with autism, however, are just as likely to first notice a chair, book or painting.

Dr. Jim Tanaka, a cognitive neuroscientist, has developed a computer program called "Let's Face it!" that may improve the face processing abilities of children with autism by jumpstarting the area of the brain that recognizes faces.

## PSYCHOLOGY

The most recent addition to the program is Scrapbook, an iPad app that can take pictures of a child's friends, family and teachers and then give the child use of those faces to play different games.

Dr. Tanaka explains how with practice, children with autism have shown great improvement in their ability to recognize faces. He hopes in the long run that these new technologies will also improve their social skills and ability to pick up on emotional cues.

Dr. Tanaka helms the Visual Cognition Lab at the University of Victoria and is director of the Centre for Autism Research, Technology and Education on campus.

He recruits undergraduate and graduate students from psychology, computer science, education and counselling to help with his research. They are given the unique opportunity to work in schools and in the lab with the children, where they can see first-hand the outcomes of their work.

[Related Links](#)

Dr. Tanaka's Faces of UVic Research video:  
<http://youtu.be/KyYfitNePak>

The Visual Cognition Lab:  
<http://web.uvic.ca/psyc/vizcoglab/>

The Centre for Autism Research, Technology and Education: <http://web.uvic.ca/~carte/index.html>

### CROSS-CULTURAL PSYCHOLOGY

#### Mauricio Garcia-Barrera

Psychology  
*Phone:* (250) 472-5067  
*E-mail:* [mgarcia@uvic.ca](mailto:mgarcia@uvic.ca)  
*Languages:* Spanish  
**Expertise:**

I conduct my research at CORTEX, a lab at the University of Victoria, Department of Psychology, dedicated to the analysis of human behavior and cognitive processing that is executive in nature. Currently, we have four areas of research: (1) Conceptualization of the construct executive function and development of ecologically valid and reliable methods to assess executive functions. (2) Examination of structural patterns of executive systems including the prefrontal cortex and its subdivisions (orbitofrontal, dorsolateral, and ventromedial areas), the Anterior Cingulate Cortex, the Cerebellum, and corpus callosum). (3) Development of executive functions from preschool years to adulthood and examination of patterns of decline through aging. And (4) examination of moderators of executive functioning such as exercise, bilingualism, and history of neurodevelopmental disorders (e.g., ADHD) or acquired (e.g., concussions) brain injuries.

#### Robert Gifford

Professor  
Psychology  
School of Environmental Studies  
*Phone:* (250) 721-7532  
*E-mail:* [rgifford@uvic.ca](mailto:rgifford@uvic.ca)

**Expertise:**

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

[Expertise Profile](#)

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

Today his focus has moved more towards the psychology of sustainability.

Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook Environmental Psychology: Principles and Practice and is the editor of the Journal of Environmental Psychology.

[Related Links](#)

The Environmental, Social and Personality Lab:  
<http://web.uvic.ca/~esplab/>



**DEVELOPMENTAL DISORDERS****Mauricio Garcia-Barrera**

Psychology

*Phone:* (250) 472-5067*E-mail:* mgarcia@uvic.ca*Languages:* Spanish***Expertise:***

I conduct my research at CORTEX, a lab at the University of Victoria, Department of Psychology, dedicated to the analysis of human behavior and cognitive processing that is executive in nature. Currently, we have four areas of research: (1) Conceptualization of the construct executive function and development of ecologically valid and reliable methods to assess executive functions. (2) Examination of structural patterns of executive systems including the prefrontal cortex and its subdivisions (orbitofrontal, dorsolateral, and ventromedial areas), the Anterior Cingulate Cortex, the Cerebellum, and corpus callosum). (3) Development of executive functions from preschool years to adulthood and examination of patterns of decline through aging. And (4) examination of moderators of executive functioning such as exercise, bilingualism, and history of neurodevelopmental disorders (e.g., ADHD) or acquired (e.g., concussions) brain injuries.

**Joan Martin**

Educational Psychology &amp; Leadership Studies

*E-mail:* jmmartin@uvic.ca***Expertise:***

I am presently conducting a 3 year longitudinal psychosocial study of children and adolescents who undergo surgical repair of a chest wall deformity called pectus excavatum. We are primarily interested in the impact of surgical repair on the psychosocial development of youth. This research is being done in conjunction with Dr. Allen Hayashi (Vancouver Island Health Authority), Dr. Jillian Roberts (UVic), Dr. Erik Skarsgard (UBC), and Dr. Sigalet (University of Calgary).

I conduct research on emotional regulation and motivation. In particular, I am interested in emotional regulation during difficult learning or testing situations, failure resiliency in the context of learning, and rumination.

I have conducted research on depression in children and its relation to perceived competence. This area is now merging with my research on emotional regulation and motivation.

**Catherine Mateer**

Psychology

*E-mail:* cmateer@uvic.ca***Expertise:***

Clinical Neuropsychology  
Assessment of Cognitive Abilities  
Neuropsychological Rehabilitation  
Attention

**James Tanaka**

Professor

Psychology

*Phone:* (250) 721-7541*E-mail:* jtanaka@uvic.ca***Expertise:***

- The cognitive and neurological processes underlying object and face recognition
- The perceptual processes involved in expert object recognition
- Applying the principles of perceptual expertise to teach children with autism how to recognize faces
- Developing new technologies to help kids recognize faces

**<h3>Expertise Profile</h3>**

What's the first thing you notice upon entering a room?

For most of us, it's people or, more specifically, people's faces. Individuals with autism, however, are just as likely to first notice a chair, book or painting.

Dr. Jim Tanaka, a cognitive neuroscientist, has developed a computer program called "Let's Face it!" that may improve the face processing abilities of children with autism by jumpstarting the area of the brain that recognizes faces.

The most recent addition to the program is Scrapbook, an iPad app that can take pictures of a child's friends, family and teachers and then give the child use of those faces to play different games.

Dr. Tanaka explains how with practice, children with autism have shown great improvement in their ability to recognize faces. He hopes in the long run that these new technologies will also improve their social skills and ability to pick up on emotional cues.

Dr. Tanaka helms the Visual Cognition Lab at the University of Victoria and is director of the Centre for Autism Research, Technology and Education on campus.

He recruits undergraduate and graduate students from psychology, computer science, education and counselling to help with his research. They are given the unique opportunity to work in schools and in the lab with the children, where they can see first-hand the outcomes of their work.

**<h3>Related Links</h3>**

Dr. Tanaka's Faces of UVic Research video:

## PSYCHOLOGY

<http://youtu.be/KyYfitNePak>

The Visual Cognition Lab:  
<http://web.uvic.ca/psyc/vizcoglab/>

The Centre for Autism Research, Technology and  
Education: <http://web.uvic.ca/~carte/index.html>

## INFANCY AND CHILDHOOD

### Wanda Boyer

Educational Psychology & Leadership Studies

Phone: (250) 721-7814

E-mail: [wboyer@uvic.ca](mailto:wboyer@uvic.ca)

#### Expertise:

Self-Regulation of Preschool and Elementary Aged  
Children  
Early Childhood  
Elementary Education  
Childhood Development  
The Advancement of Preservice and Inservice Educative  
Practices to Promote Self-Regulation in Preschool and  
Elementary Aged Children.

### Joan Martin

Educational Psychology & Leadership Studies

E-mail: [jmmartin@uvic.ca](mailto:jmmartin@uvic.ca)

#### Expertise:

I am presently conducting a 3 year longitudinal  
psychosocial study of children and adolescents who  
undergo surgical repair of a chest wall deformity called  
pectus excavatum. We are primarily interested in the  
impact of surgical repair on the psychosocial development  
of youth. This research is being done in conjunction with  
Dr. Allen Hayashi (Vancouver Island Health Authority),  
Dr. Jillian Roberts (UVic), Dr. Erik Skarsgard (UBC), and  
Dr. Sigalet (University of Calgary).  
I conduct research on emotional regulation and  
motivation. In particular, I am interested in emotional  
regulation during difficult learning or testing situations,  
failure resiliency in the context of learning, and  
rumination.  
I have conducted research on depression in children and  
its relation to perceived competence. This area is now  
merging with my research on emotional regulation and  
motivation.

## LIFESPAN PSYCHOLOGY

### Joan Martin

Educational Psychology & Leadership Studies

E-mail: [jmmartin@uvic.ca](mailto:jmmartin@uvic.ca)

#### Expertise:

I am presently conducting a 3 year longitudinal  
psychosocial study of children and adolescents who  
undergo surgical repair of a chest wall deformity called  
pectus excavatum. We are primarily interested in the  
impact of surgical repair on the psychosocial development  
of youth. This research is being done in conjunction with  
Dr. Allen Hayashi (Vancouver Island Health Authority),  
Dr. Jillian Roberts (UVic), Dr. Erik Skarsgard (UBC), and  
Dr. Sigalet (University of Calgary).  
I conduct research on emotional regulation and  
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regulation during difficult learning or testing situations,  
failure resiliency in the context of learning, and  
rumination.  
I have conducted research on depression in children and  
its relation to perceived competence. This area is now  
merging with my research on emotional regulation and  
motivation.

### Erica Woodin

Assistant Professor

Psychology

Centre for Addictions Research of BC

Phone: (250) 721-8590

E-mail: [ewoodin@uvic.ca](mailto:ewoodin@uvic.ca)

#### Expertise:

- Domestic violence and substance use in close  
relationships
- The causes and consequences of verbal conflict and  
physical aggression
- The impact of harmful behaviours on individual, couple,  
and child functioning
- Effectiveness of treatment efforts to reduce aggressive  
behaviours
- Use of prevention efforts to avert partner aggression in  
adolescence and early adulthood
- Links between partner aggression and substance abuse

#### Expertise Profile

Dr. Erica Woodin studies intimate relationships and the  
things that damage them, specifically domestic violence  
and substance abuse.

As a research affiliate with the Centre for Addictions  
Research BC and the director of UVic's Couples and  
Families Lab, Dr. Woodin helps partners cope with the  
stresses associated with becoming parents for the first  
time.

Collaborating with departmental colleague Ulrich Mueller  
on the transition from partners to parents, Dr. Woodin is  
following local couples in their third trimester of  
pregnancy over one, two and four years.

Her goal is to look for patterns of aggressive behaviour and identify which couples are at higher risk for problems in their relationships.

"Awareness is critical for these couples who don't always realize they're fighting," she says.

Dr. Woodin adds that pregnancy is an opportunity for partners to accommodate change in their relationship. Her work can inform the way mental health practitioners, nurses and maternity doctors support their community.

Before her career at UVic, Dr. Woodin worked with university couples where partners were at high risk of physical aggression using a model specifically designed for people with alcohol abuse. Motivational interviewing, where partners talked through their goals for changing their behaviour, reduced the levels of physical aggression for up to nine months after the counselling stage.

In the Department of Psychology, where she teaches, Dr. Woodin uses her background as a clinical psychologist to shape student's understanding of how mental health issues can affect healthy relationships and how intimate relationships in turn, can impact individual health.

### <h3>Related Links</h3>

Dr. Woodin's Faces of Uvic Research video:  
<https://www.youtube.com/watch?v=yA9eZWtaYIQ>

## MEMORY AND ATTENTION

### Neena Chappell

Professor  
 Sociology  
 Aging, Centre on

#### Expertise:

- Informal and formal caregiving
- Care for people with dementia
- Drug policies
- Cross-cultural comparisons with Chinese society
- Quality of community-based home and residential care
- Canadian health care system

#### <h3>Expertise Profile</h3>

By 2020, fully 25 per cent of Canada's population will be over the age of 60.

For sociologist Dr. Neena Chappell, this isn't new.

Over the last 35 years, Dr. Chappell has been a leader in gerontological research, focusing on issues around aging, care giving and health and social policy.

She is internationally known for her work on home care, supporting the case for government expansion in this area to provide more efficient and appropriate health care for an aging society. In her upcoming book on the subject, Dr. Chappell argues that not only would such a system benefit older adults, but it could also be cost effective.

Dr. Chappell has done groundbreaking research on the extent and importance of informal support for seniors, including several cross-national studies on family provision of care to older adults when their health deteriorates.

Of particular interest to her are attitudes and beliefs towards providing care, among Chinese communities in Canada, Hong Kong and mainland China, as well as among Canadians.

She has established two world-class university-based research centres on aging, one at the University of Manitoba and one here at the University of Victoria.

In her research and in the classroom, Dr. Chappell argues for recognition of the positive aspects of aging as well as recognition of the problems and challenges. Her students see much of her research and she is always bringing in a story or two from the field.

Dr. Chappell has been the Canada Research Chair in Social Gerontology since 2001 and is currently immediate past-president of the Canadian Association on Gerontology and President, Academy II (Social Sciences) of the Royal Society of Canada.

### <h3>Related Links</h3>

Dr. Chappell's Faces of Uvic Research video:  
<http://youtu.be/wlJjHJ4XJao>

### Donald Lindsay

Prof.  
 Psychology  
 Phone: (250) 721-8593  
 E-mail: [slindsay@uvic.ca](mailto:slindsay@uvic.ca)

#### Expertise:

- Psychology
- Cognitive Psychology
- Human memory
- Eyewitness memory

### Joan Martin

Educational Psychology & Leadership Studies  
 E-mail: [jmmartin@uvic.ca](mailto:jmmartin@uvic.ca)

#### Expertise:

I am presently conducting a 3 year longitudinal psychosocial study of children and adolescents who undergo surgical repair of a chest wall deformity called pectus excavatum. We are primarily interested in the impact of surgical repair on the psychosocial development of youth. This research is being done in conjunction with Dr. Allen Hayashi (Vancouver Island Health Authority), Dr. Jillian Roberts (UVic), Dr. Erik Skarsgard (UBC), and Dr. Sigalet (University of Calgary). I conduct research on emotional regulation and motivation. In particular, I am interested in emotional regulation during difficult learning or testing situations, failure resiliency in the context of learning, and

## PSYCHOLOGY

rumination.

I have conducted research on depression in children and its relation to perceived competence. This area is now merging with my research on emotional regulation and motivation.

### **Michael Masson**

Psychology

*Phone:* (250) 721-7536

*E-mail:* mmasson@uvic.ca

#### **Expertise:**

Embodied cognition, cognitive control, basic processes of human memory.

### **Catherine Mateer**

Psychology

*E-mail:* cmateer@uvic.ca

#### **Expertise:**

Clinical Neuropsychology  
Assessment of Cognitive Abilities  
Neuropsychological Rehabilitation  
Attention

### **Ronald Skelton**

Psychology

#### **Expertise:**

Recovery of Function After Brain Injury:  
Loss of memory and spatial navigation (wayfinding).  
Measuring outcome after brain injury and changes in functioning during rehabilitation.

## MENTAL HEALTH AND ADDICTIONS

### **Cecilia Benoit**

Professor

Centre for Addictions Research of BC

Sociology

*Phone:* (250) 853-3132

*E-mail:* cbenoit@uvic.ca

#### **Expertise:**

- Social equity and social justice
- Sex work and social rights
- Midwifery and maternity care
- Substance use
- Stigma and resiliency
- Street-involved youth
- Aboriginal women's health
- Intersectionality

#### **Expertise Profile**

Dr. Cecilia Benoit conducts the kind of research that pulls vulnerable and hidden populations from the shadows of social stigma in British Columbia and across Canada.

The sociologist has worked on projects including the legalization of midwives in Canada since 1993, the health of Aboriginal girls and women in Vancouver's Downtown Eastside, and a HerWay Home program for pregnant women using substances in Victoria - an initiative that

provides this group with better access to clinical services and advocates affordable housing.

Dr. Benoit also leads a nation-wide project examining situations where violence arises in the sex industry and the well-being of sex workers in general.

So far, the study has empowered male, female and transgender sex workers to develop resilience against stigma, and the ability to maintain a positive sense of mental, emotional and physical well-being during times of difficulty and transition.

Dr. Benoit's work on the sex industry is challenging parts of the Criminal Code of Canada and dispelling some of the negative stereotypes the public has about sex workers.

"It's the attitudes and actions of the majority who hold power that has to change," she says. "People are becoming unhealthy because of the views society imposes on them."

Dr. Benoit's direct experience with studying the lives of sex workers shapes the way she approaches her class topics. She brings a more complex and realistic understanding of sex workers who are more diverse and have greater agency than current stereotypes portray.

#### **Related Links**

Dr. Benoit's Faces of UVic Research video:

<http://www.youtube.com/watch?v=vnT5Mfdw4Jo>

### **Timothy Black**

Associate Professor

Educational Psychology & Leadership Studies

*Phone:* (250) 721-7760

*E-mail:* tblack@uvic.ca

#### **Expertise:**

My research has focused mainly on group therapy approaches and psychological trauma and its effects on civilian and military populations. I am currently examining the transition of former members of the Canadian Forces to civilian life. I am also pursuing research into Integral Psychotherapy based on Ken Wilber's Integral Metatheory, which includes Integral Methodological Pluralism (IMP) as the next step in comprehensive research strategies.

#### **Related Links**

Dr. Black's Faces of UVic Research video:

<http://www.youtube.com/watch?v=tul-G52h45Y>

**Benedikt Fischer**

Sociology

*Languages:* German**Expertise:**

substance use  
 public health  
 infectious disease (i.e., HepC & HIV)  
 crime & deviance  
 criminal justice  
 policing  
 interventions & policy

**Karen Kobayashi**

Sociology

*Phone:* (250) 721-7574*E-mail:* kmkobay@uvic.ca*Languages:* Japanese**Expertise:**

Aging  
 Ethnicity  
 Health  
 Family  
 Mixed Methods in Social Research

**E. Anne Marshall**

Professor

Educational Psychology &amp; Leadership Studies

Centre for Youth and Society

*Phone:* (250) 721-7815*E-mail:* amarshal@uvic.ca*Languages:* French**Expertise:**

- Adolescent identity and mental health
- Indigenous cultural identity
- Career transitions
- Cultural identity
- Counsellor skill development
- Community-based research

**Expertise Database**

For most young people, the first day of university or a new job is usually a blur of excitement and anxiety as they enter a world of more freedom and responsibility.

Mental health psychologist Anne Marshall studies the transitional experiences of adolescents and young adults. She's working with colleagues at UVic and the University of Toronto on a study that demonstrates how the transitional experiences of Indigenous youth are both similar to and different from those of other Canadian youth.

"We're looking at the relationship aspect," she says. "For most Indigenous youth, relationships are a key part--for many the biggest part--of any decision they make about their lives. But many non-Indigenous youth are a bit more individually focused like following your career path or making decisions that you think are right for you."

Dr. Marshall researches youth transitions because she

believes that children are our future: "the decisions they make now will have an impact not only on their own future, but their families and the country, so it is important to support them to make good decisions."

Dr. Marshall also played a pivotal role in developing UVic's master's program in Indigenous Communities Counselling Psychology, the only one of its kind in Canada. "There's a real need for counselling in Aboriginal communities, but the people have some different needs because of their historical background and issues around colonization and continual changes in how they are housed and treated and supported," she says. The program bears many similarities to the existing graduate counselling program, but with a focus on Aboriginal values and priorities, so that it can blend their traditional knowledge with Western knowledge.

**Related Links**

Anne Marshall's Faces of UVic Research video:

<https://www.youtube.com/watch?v=-buo9ORUW0w&feature=youtu.be>

**Joan Martin**

Educational Psychology &amp; Leadership Studies

*E-mail:* jmmartin@uvic.ca**Expertise:**

I am presently conducting a 3 year longitudinal psychosocial study of children and adolescents who undergo surgical repair of a chest wall deformity called pectus excavatum. We are primarily interested in the impact of surgical repair on the psychosocial development of youth. This research is being done in conjunction with Dr. Allen Hayashi (Vancouver Island Health Authority), Dr. Jillian Roberts (UVic), Dr. Erik Skarsgard (UBC), and Dr. Sigalet (University of Calgary).

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I have conducted research on depression in children and its relation to perceived competence. This area is now merging with my research on emotional regulation and motivation.

## PSYCHOLOGY

### Tara Ney

Assistant Professor  
Human and Social Development  
Public Administration  
Phone: (250) 721-8199  
E-mail: tney@uvic.ca

#### Expertise:

Conflict theory, participatory governance mechanisms, restorative justice, discourse theory

### Bernie Pauly

Associate Professor  
Nursing  
Centre for Addictions Research of BC  
Phone: (250) 472-5915  
E-mail: bpauly@uvic.ca

#### Expertise:

- Interventions to prevent harms associated with substance use and homelessness
- Promotion of health equity
- Removing barriers to health care services
- Evaluation of the implementation and effectiveness of harm reduction services including managed alcohol programs
- Evaluation of transitional housing interventions

<h3>Expertise Profile</h3>

<h3>Related Links</h3>

Dr. Pauly's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=d9MFTsDUWiI>

### Timothy Stockwell

Professor  
Psychology  
Centre for Addictions Research of BC  
Phone: (250) 472-5445  
E-mail: timstock@uvic.ca

#### Expertise:

Broadly, prevention policy and practice relating to harms from legal and illegal drugs. Specifically, epidemiological and policy research on patterns of alcohol use and related harms.

<h3>Related Links</h3>

Dr. Stockwell's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=pxCn\\_sQHcLM](http://www.youtube.com/watch?v=pxCn_sQHcLM)

### Erica Woodin

Assistant Professor  
Psychology  
Centre for Addictions Research of BC  
Phone: (250) 721-8590  
E-mail: ewoodin@uvic.ca

#### Expertise:

- Domestic violence and substance use in close relationships
- The causes and consequences of verbal conflict and physical aggression
- The impact of harmful behaviours on individual, couple, and child functioning
- Effectiveness of treatment efforts to reduce aggressive behaviours
- Use of prevention efforts to avert partner aggression in adolescence and early adulthood
- Links between partner aggression and substance abuse

<h3>Expertise Profile</h3>

Dr. Erica Woodin studies intimate relationships and the things that damage them, specifically domestic violence and substance abuse.

As a research affiliate with the Centre for Addictions Research BC and the director of UVic's Couples and Families Lab, Dr. Woodin helps partners cope with the stresses associated with becoming parents for the first time.

Collaborating with departmental colleague Ulrich Mueller on the transition from partners to parents, Dr. Woodin is following local couples in their third trimester of pregnancy over one, two and four years.

Her goal is to look for patterns of aggressive behaviour and identify which couples are at higher risk for problems in their relationships.

"Awareness is critical for these couples who don't always realize they're fighting," she says.

Dr. Woodin adds that pregnancy is an opportunity for partners to accommodate change in their relationship. Her work can inform the way mental health practitioners, nurses and maternity doctors support their community.

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In the Department of Psychology, where she teaches, Dr. Woodin uses her background as a clinical psychologist to shape student's understanding of how mental health issues can affect healthy relationships and how intimate

relationships in turn, can impact individual health.

### Related Links

Dr. Woodin's Faces of Uvic Research video:  
<https://www.youtube.com/watch?v=yA9eZWtaYIQ>

## PSYCHOLOGICAL ASSESSMENT

### Catherine Mateer

Psychology

*E-mail:* cmateer@uvic.ca

#### **Expertise:**

Clinical Neuropsychology  
 Assessment of Cognitive Abilities  
 Neuropsychological Rehabilitation  
 Attention

### Tara Ney

Assistant Professor

Human and Social Development

Public Administration

*Phone:* (250) 721-8199

*E-mail:* tney@uvic.ca

#### **Expertise:**

Conflict theory, participatory governance mechanisms,  
 restorative justice, discourse theory

## SOCIAL PSYCHOLOGY

### Jeffrey Ansloos

Assistant Professor and Registered Psychologist

Human and Social Development

Child and Youth Care

Centre for Youth and Society

*Phone:* (250) 721-7990

*E-mail:* ansloos@uvic.ca

*Languages:* Basic conversational proficiency in French  
 and Spanish

#### **Expertise:**

Narrative and Arts-Based Research  
 Youth engagement in public policy development  
 Indigenous youth mental health  
 Indigenous rights  
 Identity-based conflict, violence prevention, and  
 peace-building  
 Ethics of violence, nonviolence, and reconciliation  
 Youth activism and social movements  
 Youth migration, displacement, and resettlement  
 Refugee mental health policy in the Middle East and  
 North Africa

### Wanda Boyer

Educational Psychology & Leadership Studies

*Phone:* (250) 721-7814

*E-mail:* wboyer@uvic.ca

#### **Expertise:**

Self-Regulation of Preschool and Elementary Aged  
 Children  
 Early Childhood  
 Elementary Education  
 Childhood Development  
 The Advancement of Preservice and Inservice Educative  
 Practices to Promote Self-Regulation in Preschool and  
 Elementary Aged Children.

### Daniela Damian

Associate Professor

Computer Science

*Phone:* (250) 472-5788

*Languages:* Romanian

#### **Expertise:**

-Global software development  
 -Empirical software engineering  
 -Human-computer interaction  
 -Computer-supported cooperative design  
 -Requirements engineering

### Expertise Profile

Contrary to popular belief, there's more to software  
 development than a set of programmers and developers,  
 says computer scientist Daniela Damian.

In fact, there's a broader set of players involved in the  
 creation and success of a software project. This includes  
 business analysts, managers, architects, testers and the  
 customers.

Dr. Damian's research looks at how these key players  
 communicate with each other when working on software  
 development projects. Many of these stakeholders are  
 dispersed across different parts of the world, she notes.  
 While this strategy gives the software industry a  
 competitive advantage, interacting with teams from  
 remote places around the globe presents complex  
 challenges due to differences in time zones, work culture,  
 and knowledge management technologies.

Dr. Damian's research projects use a synergy of empirical  
 methods, data mining and social network analysis to  
 understand these complex interactions and address them  
 by improving the effectiveness of communication and  
 coordination in large, distributed software projects.

She leads the Software Engineering Global interAction  
 Lab (SEGAL) at UVic, a computer science facility  
 equipped with state-of-the-art collaboration technologies,  
 such as large interactive displays and videoconferencing  
 systems.

This research lab provides the physical and intellectual  
 space for UVic students and international collaborators

## PSYCHOLOGY

working with her. Students get first-hand experience collaborating with industrial partners and adjoining labs from other international universities.

<h3>Related Links</h3>

<https://www.youtube.com/watch?v=xgSwKDOYB5M>

### Robert Gifford

Professor  
Psychology  
School of Environmental Studies  
Phone: (250) 721-7532  
E-mail: [rgifford@uvic.ca](mailto:rgifford@uvic.ca)

#### Expertise:

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

#### <h3>Expertise Profile</h3>

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

Today his focus has moved more towards the psychology of sustainability.

Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook Environmental Psychology: Principles and Practice and is the editor of the Journal of Environmental Psychology.

<h3>Related Links</h3>

The Environmental, Social and Personality Lab:  
<http://web.uvic.ca/~esplab/>

### James Gifford

English

#### Expertise:

My primary area of research is 20th century British and American literature, with particular emphasis on the authors Lawrence Durrell, Robert Graves, Henry Miller, Elizabeth Smart, Malcolm Lowry, and Dylan Thomas.

### Richard Marcy

Dr.

Public Administration

E-mail: [rtmarcy@uvic.ca](mailto:rtmarcy@uvic.ca)

Languages: German (Basic)

#### Expertise:

Management and Leadership Development, to include strategic management and leadership, with a special focus on the public sector. Specific areas of research include the role of scanning and foresight in leadership (particularly in social innovation and crisis management) and the development of frameworks for management and leadership development.

### Tara Ney

Assistant Professor

Human and Social Development

Public Administration

Phone: (250) 721-8199

E-mail: [tney@uvic.ca](mailto:tney@uvic.ca)

#### Expertise:

Conflict theory, participatory governance mechanisms, restorative justice, discourse theory

### Stephen Ross

Associate Professor

English

Phone: (250) 721-7237

E-mail: [saross@uvic.ca](mailto:saross@uvic.ca)

Languages: French

#### Expertise:

- Modernism
- The novel
- Modern British literature
- Literary and critical theory
- Psychoanalysis
- Marxism
- Globalisation

#### <h3>Expertise Profile</h3>

Dr. Stephen Ross is pushing modernist studies out in new directions.

He is a founding co-director of the Modernist Versions Project (MVP), which is based in the Maker Lab at the University of Victoria.

The MVP aims to spark an interest in differing versions of



the same text by making available multiple online versions of early 20th-century literary novels and other texts. From the MVP website these can be studied, searched, and compared.

This unique method of analyzing literature makes it possible to find variations that would be almost impossible to find without a computer.

With different versions of, for example, James Joyce's *Ulysses*, Dr. Ross can make connections between when a version was published and the kinds of cultural changes that were happening at that time.

Modernism itself closely mirrors cultural change, as it is characterized by experimentation and a self-conscious break with traditional styles.

Dr. Ross is currently serving as general editor of the *Routledge Encyclopedia of Modernism* online. It will feature entries on all aspects of modernism across the arts, across time, and around the world.

Still a work-in-progress, the encyclopedia will let you sort, organize and discover information in new and exciting ways.

Dr. Ross teaches in the Department of English and in the Interdisciplinary Program in Cultural, Social and Political Thought. He also gives a community lecture on the English ghost story.

He finds teaching and public speaking to be excellent ways of bringing his work directly to the public, showing them where it's going and why it's important.

## **Danu Stinson**

Assistant Professor

Psychology

*E-mail:* dstinson@uvic.ca

### ***Expertise:***

- Self-esteem, interpersonal relationships and well-being
- Consequences of differing social self-regulatory strategies for people's psychological, social, and physical well-being

<h3>Expertise Profile</h3>

When it comes to our well-being, having ongoing, positive relationships in our lives is almost as important as having food, water and shelter.

Dr. Danu Anthony Stinson in the Psychology Department at the University of Victoria studies self-esteem and relationships and how both can affect our well-being.

Dr. Stinson's research uses the sociometer model of self-esteem, which proposes that self-esteem reflects your perceived value to other people as a relationship partner.

Her experimental approach involves bringing people into

her lab and having them react to controlled social scenarios, such as a meeting someone new for the first time.

One study underway now is looking at the connection between physiology - in this case, the body's arousal response to a given social situation - and self-esteem.

Another study that Dr. Stinson is particularly proud of was published in 2011 in *Psychological Science*. The experiment demonstrated that a short self-affirmation writing task improved social well-being up to two months after the initial lab visit.

Dr. Stinson teaches both introductory and advanced classes on close relationships, where students learn about the entire relationship life-cycle. She gives students organizing theories and examples from her own life and research.

Dr. Stinson believes we are all natural psychologists when it comes to relationships.

# RELIGION

## CHRISTIANITY

### **Mitchell Hammond**

History

*E-mail:* mlewham@uvic.ca

*Languages:* German

**Expertise:**

History of medicine and public health, relationship of religious beliefs and institutions to health care. My primary focus is 16th/17th century Europe, especially Germany.

### **Catherine Harding**

History in Art

Medieval Studies

*Phone:* (250) 721-6304

*E-mail:* charding@uvic.ca

*Languages:* Italian

**Expertise:**

Orvieto cathedral

Illustrated books of the later Middle Ages

### **Graham McDonough**

Curriculum and Instruction

*Phone:* (250) 721-7779

*E-mail:* gpmcd@uvic.ca

**Expertise:**

- Philosophy of Education
- Moral Education
- Dissent
- Minority Rights
- Religious Education and Catholic Education
- Religion/Spirituality in Schools
- Philosophy in High Schools

**Expertise Profile**

You can express disagreement on an issue while remaining part of the larger group with which you disagree, says Dr. Graham McDonough.

The philosophy of education professor studies dissent - how we treat the people who speak out against the popular views of society or groups within it, and in a way that benefits other minority members who are oppressed by the majority group.

Specifically, Dr. McDonough looks at dissent in the context of religious education in publicly-funded Catholic schools. Some Catholic students and parents in these schools experience frustration because the church disapproves of artificial contraception and considers homosexuality "disordered." Others perceive a lack of support when their complaints that the school is "not Catholic enough" seem to have no impact.

His book, *Beyond Obedience and Abandonment: Toward a Theory of Dissent in Catholic Education*, further

explores these inner conflicts and challenges 21st-century Catholic schools to provide more support for dissenting views. Doing so will overcome the limitations of thinking that there is only one way to be Catholic.

"I would love to see more examples of diversity within religious groups or in any group generally so that one spokesperson who has a lot of control doesn't necessarily speak for everybody," he says.

Dr. McDonough likes to "put the experience before the theory" when teaching the philosophy of education. Students engage in role-playing and then discuss the merits, contributions and treatment of the minority view.

### **Paul Wood**

History

*Phone:* (250) 721-7289

*E-mail:* pbwood@uvic.ca

**Expertise:**

My research focusses on the relations between the natural and human sciences in the European Enlightenment.

## ETHICS/MORALITY

### **Daniel German**

Associate Professor

Computer Science

*Phone:* (250) 472-5790

*E-mail:* dmg@uvic.ca

*Languages:* Spanish

**Expertise:**

The study of the evolution of software.

The study of open source software engineering.

The impact of the licensing of intellectual property in software development.

**Degrees**

Ph.D. (Waterloo)

### **Mitchell Hammond**

History

*E-mail:* mlewham@uvic.ca

*Languages:* German

**Expertise:**

History of medicine and public health, relationship of religious beliefs and institutions to health care. My primary focus is 16th/17th century Europe, especially Germany.

**Cindy Holder**

Associate Professor  
Philosophy  
Indigenous Governance Program  
*E-mail:* clholder@uvic.ca

*Languages:* French

**Expertise:**

- human rights
- international law
- group rights (including the right to culture and indigenous peoples' rights)
- transitional justice (including truth commissions and international criminal law)
- Metaethical and normative ethical theories
- public policy ethics

Dr. Cindy Holder researches and teaches the philosophy of international law, focusing on human rights and transitions from gross and systematic human rights violations. She questions what makes international law binding and how international law is and should be applied by national political communities.

### Related Links

Dr. Holder's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=ol\\_eajPjSkk](http://www.youtube.com/watch?v=ol_eajPjSkk)

**Eike-Henner Kluge**

Philosophy  
*Phone:* (250) 721-7519  
*E-mail:* ekluge@uvic.ca  
*Languages:* German

**Expertise:**

- Medical Informatics (security, confidentiality, privacy, etc. of electronic health records)
- Police ethics
- Biomedical ethics focusing on ownership and patenting of tissue, informed consent, competence, codes of ethics, physicians and the pharmaceutical industry.
- History of medieval thought

**Colin Macleod**

Associate Professor  
Faculty of Law  
Philosophy  
Political Science  
*Phone:* (250) 721-7521  
*E-mail:* cmacleod@uvic.ca

**Expertise:**

- Contemporary moral and political philosophy (especially theories of justice, children's rights and democratic ethics)
- Philosophy of law

### Expertise Profile

For Dr. Colin Macleod, philosophy is as much about connecting to real on the ground problems as it is about debating an idea.

Dr. Macleod conducts research in democratic ethics and theory and examines the responsibilities of the various groups that make up a democratic society - citizens, politicians, political strategists and the media.

He has extensive knowledge of law and politics, which allows him to comment on the equality and morality of our own democratic system here in Canada.

His hope is to engage his students and society in considering what "justice" really means. How can we create a more just society?

Much of Dr. Macleod's work focuses on children and family justice and children's rights.

One research project looks at justice in the education system. The study considers what access to educational resources - like textbooks and school supplies - children in a just society should have.

Another project considers the place of religion in US public education.

Dr. Macleod is one of the founders of the Consortium on Democratic Constitutionalism (DEMCON) at UVic. The consortium is an interdisciplinary and international group of legal, political and social theorists who work on questions of constitutional theory, design and practice.

Dr. Macleod has published multiple articles and volumes on various subjects including contemporary moral and political philosophy, justice and equality, democratic theory, the nature of law, and children's rights.

### Related Links

Dr. Macleod's website:  
[http://web.uvic.ca/~cmacleod/Colin\\_Macleod/Welcome.html](http://web.uvic.ca/~cmacleod/Colin_Macleod/Welcome.html)

**Graham McDonough**

Curriculum and Instruction  
*Phone:* (250) 721-7779  
*E-mail:* gpmcd@uvic.ca

**Expertise:**

- Philosophy of Education
- Moral Education
- Dissent
- Minority Rights
- Religious Education and Catholic Education
- Religion/Spirituality in Schools
- Philosophy in High Schools

### Expertise Profile

You can express disagreement on an issue while remaining part of the larger group with which you disagree, says Dr. Graham McDonough.

The philosophy of education professor studies dissent -

## RELIGION

how we treat the people who speak out against the popular views of society or groups within it, and in a way that benefits other minority members who are oppressed by the majority group.

Specifically, Dr. McDonough looks at dissent in the context of religious education in publicly-funded Catholic schools. Some Catholic students and parents in these schools experience frustration because the church disapproves of artificial contraception and considers homosexuality "disordered." Others perceive a lack of support when their complaints that the school is "not Catholic enough" seem to have no impact.

His book, *Beyond Obedience and Abandonment: Toward a Theory of Dissent in Catholic Education*, further explores these inner conflicts and challenges 21st-century Catholic schools to provide more support for dissenting views. Doing so will overcome the limitations of thinking that there is only one way to be Catholic.

"I would love to see more examples of diversity within religious groups or in any group generally so that one spokesperson who has a lot of control doesn't necessarily speak for everybody," he says.

Dr. McDonough likes to "put the experience before the theory" when teaching the philosophy of education. Students engage in role-playing and then discuss the merits, contributions and treatment of the minority view.

### James Young

Professor

Philosophy

Phone: (250) 721-7509

E-mail: joy@uvic.ca

#### Expertise:

- Investigation of the aesthetic and moral issues raised by cultural appropriation
- Relativism about the truth values of aesthetic judgements
- Critique of deflationary theories of truth
- Ontological questions raised by reflection on the arts

#### Expertise Profile

How do you argue the quality of Beethoven over Justin Beiber?

This is one question Dr. James Young, professor in the Department of Philosophy at the University of Victoria, works to answer.

Of particular interest to Dr. Young are the philosophy and ethics of art, of music and of language.

His work on the nature of aesthetic judgement argues that there are aesthetic facts - like the quality of Beethoven over Beiber - that overcome whether or not a piece of art or music is well liked.

Dr. Young has also written extensively on the moral

issues involved in cultural appropriation, which is when a cultural practice or artifact is adopted by a different cultural group.

Of specific interest to Dr. Young is the appropriation of First Nations works in Canada, including painting, sculpture and writing, by non First Nations artists.

To a greater extent than some philosophers, Dr. Young draws on empirical facts in his writing. He recently finished a book on the emotion inherent in music, drawing on what some psychologists say about music to develop his argument.

Dr. Young passes on to his students his own fascination with philosophy - which he asserts is at the root of all disciplines.

## ISLAM

### Daromir Rudnyckyj

Associate Professor

Anthropology

Studies in Religion and Society

Global Studies

Phone: (250) 721-6273

E-mail: daromir@uvic.ca

Languages: Indonesian, Malay, Dutch

#### Expertise:

- Economic development and Islam in Southeast Asia
- Islamic finance and alternative forms of capitalism
- Religious and spiritual reform
- Transnational labour migration

#### Expertise Profile

What gratifies Dr. Daromir Rudnyckyj the most when he teaches and conducts research on development and social change in Southeast Asia is the opportunity to shift perspectives.

He's an expert on two countries in particular, Indonesia and Malaysia. Indonesia is the world's largest Muslim country and Malaysia is a global leader in the Muslim world in pursuing a model of moderate Islam conducive to economic growth.

Dr. Rudnyckyj says both countries are important in understanding how Muslims are trying to merge their religious practices with the demands of modern economic development.

His first book, "Spiritual Economies: Islam, Globalization and the Afterlife of Development," which examined how Muslims in Southeast Asia were devising a form of Islam conducive to globalization, earned a prize from the American Ethnological Society, North America's oldest professional association of anthropologists.

Dr. Rudnyckyj examined how Islamic practices were reinterpreted to be compatible with tips found in corporate

motivational training programs and self-help books such as the "Seven Habits of Highly Effective People." Leaders of this movement argued that the Muslim prophet Muhammad was an ideal CEO and that required Islamic practices such as giving to charity were in fact directives to look for "synergy" and "win-win solutions."

Dr. Rudnyckyj challenged the common contention that religion in general, and Islam in particular, are resistant to change.

Currently, Dr. Rudnyckyj is documenting the innovative steps Malaysia is taking to create an "Islamic Wall Street" in Kuala Lumpur. Because Islam forbids the collection or payment of interest, experts are finding ways for Muslims to conduct business while actively engaging with an increasingly globalized world. One of the questions he is pursuing is whether Islamic finance offers lessons for North American and European countries in wake of the ongoing financial crises that have swept these regions in recent years.

In his classes and lectures, Dr. Rudnyckyj's work is challenging the misconceptions that people have about Southeast Asian countries and Islam. He enjoys seeing students learn to appreciate and understand the cultural diversity that characterizes each Asian country and the rapid social, economic, and cultural changes that are taking place in the region.

<h3> Related Links</h3>

Dr. Rudnyckyj's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=Mh9Js\\_a4Jqg](http://www.youtube.com/watch?v=Mh9Js_a4Jqg)

Dr. Rudnyckyj's website:  
<http://web.uvic.ca/pacificasia/faculty/Rudnyckyj.php>

## JUDAISM

### Daniel Biro

Music

*Phone:* (250) 721-7930

*E-mail:* [dpbiro@uvic.ca](mailto:dpbiro@uvic.ca)

*Languages:* Hungarian, German, Hebrew and some French

**Expertise:**

Composition  
 Music Theory  
 Ethnomusicology  
 Judaic Studies  
 Critical Theory  
 Electro-Acoustic Music

### Lincoln Shlensky

English

*Phone:* (250) 721-6206

*E-mail:* [shlensky@uvic.ca](mailto:shlensky@uvic.ca)

*Languages:* French, Hebrew, Spanish

**Expertise:**

I conduct research in the areas of international and American cinema studies and film, postcolonialism, cultural studies, and Holocaust studies. My research interests and background are described in greater detail at [www.shlensky.com](http://www.shlensky.com).

## RELIGION AND SOCIETY

### Jeffrey Ansloos

Assistant Professor and Registered Psychologist

Human and Social Development

Child and Youth Care

Centre for Youth and Society

*Phone:* (250) 721-7990

*E-mail:* [ansloos@uvic.ca](mailto:ansloos@uvic.ca)

*Languages:* Basic conversational proficiency in French and Spanish

**Expertise:**

Narrative and Arts-Based Research  
 Youth engagement in public policy development  
 Indigenous youth mental health  
 Indigenous rights  
 Identity-based conflict, violence prevention, and peace-building  
 Ethics of violence, nonviolence, and reconciliation  
 Youth activism and social movements  
 Youth migration, displacement, and resettlement  
 Refugee mental health policy in the Middle East and North Africa

### Daniel Biro

Music

*Phone:* (250) 721-7930

*E-mail:* [dpbiro@uvic.ca](mailto:dpbiro@uvic.ca)

*Languages:* Hungarian, German, Hebrew and some French

**Expertise:**

Composition  
 Music Theory  
 Ethnomusicology  
 Judaic Studies  
 Critical Theory  
 Electro-Acoustic Music

## RELIGION

### Gregory Blue

History

*Languages:* Dutch, French; also read Spanish, Italian, German; Russian and basic Chinese

#### **Expertise:**

Intellectual and Cultural History  
History of Western Relations with China, especially pre-1949  
Colonialism, Decolonisation and the Post-Colonial Third World  
History of Science, including science & society relations, 20th century life sciences and pre-modern Chinese science

### Helene Cazes

Professor, Director for the program of Medieval studies, and Faculty coordinator for the humanities diploma program

French

Medieval Studies

Continuing Studies

*Phone:* (250) 721-7367

*E-mail:* hcazes@uvic.ca

*Languages:* French and Italian

#### **Expertise:**

- Humanism
- French Medieval and Renaissance literature
- History of medicine
- History of books and printers
- Libraries and collections

#### **Expertise Profile**

Why should we preserve mouldy old books that people hardly ever read?

Helene Cazes, a French professor and book historian, says old books and manuscripts can teach us a lot about ourselves. She studies medieval texts to understand how cultural legacies--ideas that we take for granted today, such as sexual equality--were passed down to us over time.

"I scratch the surface of what we take for granted, for example that parents love their children, and I put that in perspective with history," she explains. "When you do that you discover things about our own society right now, including some of our blind spots. Books are very important for self-discovery and for helping us achieve our full potential."

Dr. Cazes studies ancient treatises of medicine, for example, to see how physicians used to describe the human body, and how that informs our modern understanding of anatomy; she traces the construction, through centuries, of an ideal for body shape and structure. She studies the role of images for our understanding of our own bodies.

Yet Dr. Cazes does more than bury herself in ancient books. We learn about who we are and who we can become through dialogue, she says: "When we listen to

one another and talk to each other, we go way beyond anything we could have reached on our own." To nurture this growth through dialogue, she often organizes interdisciplinary seminars where UVic students, scholars and community members can come together and share ideas.

#### **Related Links**

Helene Cazes Faces of UVic Research video:  
[www.youtube.com/watch?v=5U-nzLQuDs](http://www.youtube.com/watch?v=5U-nzLQuDs)

#### **Awards**

- UVic community leadership Award (2014)
- Excellence in Research Humanities (2013)

### Lynne Marks

History

*Phone:* (250) 721-7392

*E-mail:* lsmarks@uvic.ca

#### **Expertise:**

- Social history of religion/irreligion
- Canadian history
- Women's/Gender history
- History of social welfare and current issues in social welfare/social policy.

#### **Expertise Profile**

To understand why British Columbians are less religious than the rest of Canada, we need to step back in time to the 19th century.

History professor Dr. Lynne Marks unearths the historical roots of the West Coast's secular behaviour from the 1880s to World War I. In a manuscript she authored, Dr. Marks explores how factors such as ethnic diversity and religious practice in 19th century British Columbia influenced people's perceptions on gender and social class.

To the people of that time, choosing a religion or none impacted the way they understood their lives, she says. Dr. Marks looks at how their choices have shaped our present culture, down to why gay rights don't stir as much uproar in this province as in Ontario.

Dr. Marks has recently begun a new project with Dr. Margaret Little of Queen's department of politics and gender studies that explores the second wave women's movement in Canada from the late 1960s to the 1980s, looking particularly at how different elements of the women's movement perceived issues of motherhood and family.

In class, Dr. Marks refrains from imposing her opinions on the research matter, but rather, facilitates discussion forums so her students can think for themselves and contribute to her area with new insights.

## Daromir Rudnyckyj

Associate Professor

Anthropology

Studies in Religion and Society

Global Studies

Phone: (250) 721-6273

E-mail: daromir@uvic.ca

Languages: Indonesian, Malay, Dutch

### Expertise:

- Economic development and Islam in Southeast Asia
- Islamic finance and alternative forms of capitalism
- Religious and spiritual reform
- Transnational labour migration

### Expertise Profile

What gratifies Dr. Daromir Rudnyckyj the most when he teaches and conducts research on development and social change in Southeast Asia is the opportunity to shift perspectives.

He's an expert on two countries in particular, Indonesia and Malaysia. Indonesia is the world's largest Muslim country and Malaysia is a global leader in the Muslim world in pursuing a model of moderate Islam conducive to economic growth.

Dr. Rudnyckyj says both countries are important in understanding how Muslims are trying to merge their religious practices with the demands of modern economic development.

His first book, "Spiritual Economies: Islam, Globalization and the Afterlife of Development," which examined how Muslims in Southeast Asia were devising a form of Islam conducive to globalization, earned a prize from the American Ethnological Society, North America's oldest professional association of anthropologists.

Dr. Rudnyckyj examined how Islamic practices were reinterpreted to be compatible with tips found in corporate motivational training programs and self-help books such as the "Seven Habits of Highly Effective People." Leaders of this movement argued that the Muslim prophet Muhammad was an ideal CEO and that required Islamic practices such as giving to charity were in fact directives to look for "synergy" and "win-win solutions."

Dr. Rudnyckyj challenged the common contention that religion in general, and Islam in particular, are resistant to change.

Currently, Dr. Rudnyckyj is documenting the innovative steps Malaysia is taking to create an "Islamic Wall Street" in Kuala Lumpur. Because Islam forbids the collection or payment of interest, experts are finding ways for Muslims to conduct business while actively engaging with an increasingly globalized world. One of the questions he is pursuing is whether Islamic finance offers lessons for North American and European countries in wake of the

ongoing financial crises that have swept these regions in recent years.

In his classes and lectures, Dr. Rudnyckyj's work is challenging the misconceptions that people have about Southeast Asian countries and Islam. He enjoys seeing students learn to appreciate and understand the cultural diversity that characterizes each Asian country and the rapid social, economic, and cultural changes that are taking place in the region.

### Related Links

Dr. Rudnyckyj's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=Mh9Js\\_a4Jqg](http://www.youtube.com/watch?v=Mh9Js_a4Jqg)

Dr. Rudnyckyj's website:

<http://web.uvic.ca/pacificasia/faculty/Rudnyckyj.php>

## Lincoln Shlensky

English

Phone: (250) 721-6206

E-mail: shlensky@uvic.ca

Languages: French, Hebrew, Spanish

### Expertise:

I conduct research in the areas of international and American cinema studies and film, postcolonialism, cultural studies, and Holocaust studies. My research interests and background are described in greater detail at [www.shlensky.com](http://www.shlensky.com).

## SPIRITUALITY

### Timothy Black

Associate Professor

Educational Psychology & Leadership Studies

Phone: (250) 721-7760

E-mail: tblack@uvic.ca

### Expertise:

My research has focused mainly on group therapy approaches and psychological trauma and its effects on civilian and military populations. I am currently examining the transition of former members of the Canadian Forces to civilian life. I am also pursuing research into Integral Psychotherapy based on Ken Wilber's Integral Metatheory, which includes Integral Methodological Pluralism (IMP) as the next step in comprehensive research strategies.

### Related Links

Dr. Black's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=tul-G52h45Y>

RESEARCH

# RESEARCH



# SCIENCE

## APPLIED MATHEMATICS

### Florin Diacu

Professor

Mathematics & Statistics

*E-mail:* diacu@uvic.ca

*Languages:* German, French, Romanian and Spanish

#### **Expertise:**

- Celestial mechanics
- Dynamical systems
- Mathematical physics
- History and philosophy of mathematics

#### <h3>Expertise Database</h3>

Mathematician Florin Diacu uses celestial mechanics to explain the motions of heavenly bodies in the universe.

The study of celestial mechanics began in the 17th century with Sir Isaac Newton, who discovered that celestial bodies attract each other with a force equally proportional to their mass and inversely proportional to the square of the distance. Using this law, mathematicians such as Dr. Diacu can write equations that describe the motions of planets, stars, comets and even galaxies.

These equations are simple to solve if only two celestial bodies are interacting with each other, but it becomes more difficult when multiple bodies interact: "If you have three or more bodies" he says, "the equations can't be fully solved."

Celestial mechanics have many applications. Scientists and mathematicians--with the help of computers--use celestial mechanics when they want to launch a space shuttle. "Without this mathematical field," Dr. Diacu says, "we would not have sent people to the moon."

Celestial mechanics can also help us predict eclipses and the return of comets and asteroids. Celestial mathematicians already know about the forces that guide asteroids and comets, so they can create accurate models that warn them if a collision will occur. "Knowing this gives us a chance to deflect or destroy these bodies before they do any damage," He says.

#### <h3>Related Links</h3>

Florin Diacu's Faces of UVic research video:  
[www.youtube.com/watch?v=9X-mqMEdTyc](http://www.youtube.com/watch?v=9X-mqMEdTyc)

### Falk Herwig

Physics & Astronomy

*Phone:* (250) 721-7743

*E-mail:* fherwig@uvic.ca

*Languages:* German

#### **Expertise:**

Computational astrophysics, nuclear astrophysics, simulation science, stellar physics, origin of the elements in stars and stellar explosions, the first stars in the Universe, merging stars, computational fluid dynamics, combustion in stars.

### Bruce Kapron

Associate Professor

Computer Science

*Phone:* (250) 472-5725

#### **Expertise:**

Foundational aspects of computing, in particular the complexity of computing, cryptography and the foundations of computer security, and logic. Logic in computer science, cryptography, foundations of security, verification, computational complexity. Cryptology. Information Technology Security. Logic and Logic Theory. Theory of Computation. Verification.

<h3>Degrees</h3>

Ph.D.(Toronto)

## ASTRONOMY

### Falk Herwig

Physics & Astronomy

*Phone:* (250) 721-7743

*E-mail:* fherwig@uvic.ca

*Languages:* German

#### **Expertise:**

Computational astrophysics, nuclear astrophysics, simulation science, stellar physics, origin of the elements in stars and stellar explosions, the first stars in the Universe, merging stars, computational fluid dynamics, combustion in stars.

### Hendrik Hoekstra

Physics & Astronomy

*Languages:* Dutch, German

#### **Expertise:**

Dr. Hoekstra's primary research interests include: Observational Cosmology, Clusters of Galaxies, Galaxy Formation, Dark Matter and Dark Energy. Dr. Hoekstra has been actively involved in a number of large observational programs (CFHT Legacy Survey; Red-sequence Cluster Survey and the Supernova/Acceleration Probe) that aim to constrain cosmological parameters through a range of independent techniques. Most notably he has been using weak lensing by large scale structure ("cosmic shear") and the evolution of clusters as a function of redshift. The latter requires more detailed studies of clusters, to which end, Dr.

## SCIENCE

Hoekstra has initiated the Canadian Cluster Comparison Project, with the aim to study the mass distribution of a sample of ~60 X-ray selected galaxy clusters.

### Julio Navarro

Professor

Physics & Astronomy

Phone: (250) 721-6644

E-mail: [jfn@uvic.ca](mailto:jfn@uvic.ca)

Languages: Spanish, Italian, some French and Portuguese

#### Expertise:

- The Formation of Galaxies
- The Nature of Dark Matter and Dark Energy

#### <h3>Expertise Profile</h3>

The universe is a puzzle still being solved.

As a cosmologist, Dr. Julio Navarro studies this mystery, its origins and its evolution.

His research on galaxy formation and evolution, primarily using sophisticated computer simulations, has shaped our current understanding of how structures in the universe evolved.

Like an archeologist, Dr. Navarro digs through the properties of stars in our galaxy and beyond to work out how these clusters of solar systems first formed.

One of the world's leading astrophysicists, he is especially well known for his work on dark matter, a mysterious substance that holds galaxies together.

In his teaching, Dr. Navarro uses lectures to motivate and inspire his students. Instead of showing how to do complex problems on a chalkboard, he explains why those problems are important to the field of astronomy.

He's the only Canadian member of the Virgo consortium, an international team of astrophysicists who developed the largest computer simulation ever of the structure and evolution of the universe.

In 2011, Dr. Navarro was honoured to be elected a fellow of the Royal Society of Canada for outstanding scholarly and scientific achievement. The distinction is considered Canada's highest academic accolade.

#### <h3>Related Links</h3>

Dr. Navarro's Faces of UVic Research video:

<http://youtu.be/gKrg7wIgYfg>

### Jon Willis

Physics & Astronomy

Phone: (250) 721-7740

E-mail: [jwillis@uvic.ca](mailto:jwillis@uvic.ca)

Languages: Spanish

#### Expertise:

I am an astronomer. This means that I use observations of the night sky to learn about the physical nature of our universe. I concentrate upon the question of how the universe arrived at its present complex mix of stars, planets and galaxies from apparently simple beginnings.

## ASTROPHYSICS

### Arif Babul

University of Victoria Distinguished Professor

Physics & Astronomy

Phone: (250) 721-8844

E-mail: [babul@uvic.ca](mailto:babul@uvic.ca)

Languages: Kutchchi and Gujarati

#### Expertise:

- Theoretical astrophysics and cosmology
- Evolution of galaxies, groups of galaxies and clusters of galaxies
- Dark matter

#### <h3>Expertise Profile</h3>

Internationally acclaimed astrophysicist Arif Babul studies how the various components of the universe--gas, dark matter, stars and galaxies--evolved into what they are today.

As an expert in theoretical cosmology, Dr. Babul tests theories about the origins of galaxies--such as our own Milky Way galaxy--as well as groups of galaxies and massive clusters of galaxies using powerful supercomputers that can simulate the progression of the universe since the Big Bang, and replicate its nearly 14 billion-year-old history.

"Since the beginning of human civilization we have been wondering how the universe came into being, how and when stars were born, and how life evolved," he says. "It's a fascinating riddle."

Dr. Babul is founding director of the UVic-based Canadian Computational Cosmology Collaboration (C4), which has grown into the international Cape Town to Cascadia Computational Cosmology (C2C4). In it, computational cosmologists from around the world use massive computer simulations to trace the evolution of the universe. The biggest challenge when working in this field is the inability to repeat the Big Bang except virtually.

One of Babul's research goals is to understand dark matter, a mysterious invisible substance that accounts for more than 80 per cent of matter in the universe. "The aim of our research programme is not only to understand how the dark matter coalesces to form discreet structure, but also to develop physical insights into what happens to the gas and galaxies as this process unfolds."

Dr. Babul has been a Distinguished Professor at UVic since 2007--this is the highest academic honour the university can grant a faculty member. He's highly regarded as a mentor and teacher among his students, who appreciate his ability to explain mind-boggling concepts clearly and comprehensibly.

### <h3>Related Links</h3>

Dr. Babul's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=TzuFmY21c\\_k](http://www.youtube.com/watch?v=TzuFmY21c_k)

### **Falk Herwig**

Physics & Astronomy  
 Phone: (250) 721-7743  
 E-mail: fherwig@uvic.ca  
 Languages: German  
**Expertise:**

Computational astrophysics, nuclear astrophysics, simulation science, stellar physics, origin of the elements in stars and stellar explosions, the first stars in the Universe, merging stars, computational fluid dynamics, combustion in stars.

### **Hendrik Hoekstra**

Physics & Astronomy  
 Languages: Dutch, German  
**Expertise:**

Dr. Hoekstra's primary research interests include: Observational Cosmology, Clusters of Galaxies, Galaxy Formation, Dark Matter and Dark Energy. Dr. Hoekstra has been actively involved in a number of large observational programs (CFHT Legacy Survey; Red-sequence Cluster Survey and the Supernova/Acceleration Probe) that aim to constrain cosmological parameters through a range of independent techniques. Most notably he has been using weak lensing by large scale structure ("cosmic shear") and the evolution of clusters as a function of redshift. The latter requires more detailed studies of clusters, to which end, Dr. Hoekstra has initiated the Canadian Cluster Comparison Project, with the aim to study the mass distribution of a sample of ~60 X-ray selected galaxy clusters.

### **Julio Navarro**

Professor  
 Physics & Astronomy  
 Phone: (250) 721-6644  
 E-mail: jfn@uvic.ca  
 Languages: Spanish, Italian, some French and Portuguese

### **Expertise:**

- The Formation of Galaxies
- The Nature of Dark Matter and Dark Energy

### <h3>Expertise Profile</h3>

The universe is a puzzle still being solved.

As a cosmologist, Dr. Julio Navarro studies this mystery, its origins and its evolution.

His research on galaxy formation and evolution, primarily using sophisticated computer simulations, has shaped our current understanding of how structures in the universe evolved.

Like an archeologist, Dr. Navarro digs through the properties of stars in our galaxy and beyond to work out how these clusters of solar systems first formed.

One of the world's leading astrophysicists, he is especially well known for his work on dark matter, a mysterious substance that holds galaxies together.

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He's the only Canadian member of the Virgo consortium, an international team of astrophysicists who developed the largest computer simulation ever of the structure and evolution of the universe.

In 2011, Dr. Navarro was honoured to be elected a fellow of the Royal Society of Canada for outstanding scholarly and scientific achievement. The distinction is considered Canada's highest academic accolade.

### <h3>Related Links</h3>

Dr. Navarro's Faces of UVic Research video:  
<http://youtu.be/gKrg7wIgYfg>

## **BIOCHEMISTRY**

### **Robert Burke**

Biochemistry and Microbiology  
 Phone: (250) 721-8928  
 E-mail: rburke@uvic.ca  
**Expertise:**

Cell Biology, Developmental Biology, Cell Signaling,

### **Ben Koop**

Biology  
 Biomedical Research  
 Phone: (250) 472-4071  
 E-mail: bkoop@uvic.ca  
**Expertise:**

### <h3>Research Description</h3>

Genetic variation and change and its interaction with the environment.

### <h3>Expertise Profile</h3>

My interests lie in the fields of molecular biology, genetics and evolution. My research attempts to look at broad molecular evolutionary problems using a very highly multidisciplinary approach. I currently have three major interest areas: salmon genome project and genes of

## SCIENCE

the immune system, molecular evolution currently targeting the immune system of fishes, and biological informatics. This research involves large scale DNA sequencing technologies, sealice and salmon diseases, population dynamics of migration and refugia of coastal British Columbia.

### Leigh Anne Swayne

Assistant Professor  
Medical Sciences  
Biochemistry and Microbiology  
Biology

Phone: (250) 853-3723

E-mail: lswayne@uvic.ca

Languages: French

#### Expertise:

- Neural stem cells
- Neurogenesis
- Ion channels
- Neurodegenerative diseases

#### <h3>Expertise Profile</h3>

The brain and the nervous system are what Dr. Leigh Anne Swayne likes to call the "master controllers" of all bodily systems.

Electric signals in the brain control everything our body does, from walking or talking to simply breathing.

Dr. Swayne, an assistant professor in the Division of Medical Sciences at the University of Victoria, studies the brain and its functions at the molecular level.

She is particularly interested in ion channels, which are the pathways in and out of cells in the brain. Those pathways are regulated by certain proteins in the cell and are extremely important for cell signaling.

When something goes wrong in the brain, we realize how coordinated and complex a system it is. Dr. Swayne's recent research focuses on the regulation of stem cells in the brain, especially after a stroke.

Stem cells are unique unspecialized cells that can produce new cells, including neurons. Dr. Swayne's work at understanding the fundamental science of these cells may assist in the evaluation of specific ion channels as targets to promote brain repair.

She is a firm believer in basic science research as a pathway to discovery and innovation. In her lab and in her classes, Dr. Swayne emphasizes the need for both direct application and basic study - both are essential to understanding the mystery that is the human brain.

#### <h3>Related Links</h3>

Dr. Swayne's Faces of UVic Research video:

<http://youtu.be/jE7resMpA-Q>

## BIOCHEMISTRY AND MICROBIOLOGY

### Robert Burke

Biochemistry and Microbiology

Phone: (250) 721-8928

E-mail: rburke@uvic.ca

#### Expertise:

Cell Biology, Developmental Biology, Cell Signaling,

### Terry Pearson

Biochemistry and Microbiology

#### Expertise:

My expertise is in immunology, molecular parasitology, molecular entomology and protein chemistry. Research is focused on African trypanosomes, the parasites that cause sleeping sickness, and their tsetse fly vectors.

### Real Roy

Biology

Phone: (250) 472-5071

E-mail: realroy@uvic.ca

Languages: French

#### Expertise:

My research focus is on the ecology and diversity of bacteria in the natural environment. I am currently doing research on bacteria that can grow from methane gas, a greenhouse gas emitted in landfill soils. I am also interested in soil bacteria that transforms nitrogen, an important plant nutrient.

### Leigh Anne Swayne

Assistant Professor

Medical Sciences

Biochemistry and Microbiology

Biology

Phone: (250) 853-3723

E-mail: lswayne@uvic.ca

Languages: French

#### Expertise:

- Neural stem cells
- Neurogenesis
- Ion channels
- Neurodegenerative diseases

#### <h3>Expertise Profile</h3>

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She is a firm believer in basic science research as a pathway to discovery and innovation. In her lab and in her classes, Dr. Swayne emphasizes the need for both direct application and basic study - both are essential to understanding the mystery that is the human brain.

### Related Links

Dr. Swayne's Faces of UVic Research video:  
<http://youtu.be/jE7resMpA-Q>

### Christopher Upton

Biochemistry and Microbiology

Phone: (250) 721-6507

E-mail: [cupton@uvic.ca](mailto:cupton@uvic.ca)

#### Expertise:

My research area is the analysis of genes specifying virulence in viruses. The virus groups include: poxviruses, herpesviruses, African swine fever virus, influenza and baculoviruses. This work includes development of software tools for analysis of virus genomes.

### Diana Varela

Associate Professor

Biology

School of Earth & Ocean Sciences

Phone: (250) 472-5425

E-mail: [dvarela@uvic.ca](mailto:dvarela@uvic.ca)

Languages: Spanish

#### Expertise:

-Marine Biogeochemistry  
 -Ecological Physiology of Phytoplankton  
[Expertise Profile](#)

For most of us, the words "climate change" conjure up images of rising temperatures. But for biological oceanographer Diana Varela, what comes to mind are microscopic floating algae called phytoplankton, which form the basis of the marine food chain.

Dr. Varela studies how phytoplankton use nutrients during photosynthesis to better understand the cycling of nutrients in the oceans and changes in marine primary productivity. Phytoplankton produce about half of the oxygen we breathe and exert a global influence on climate by removing carbon dioxide--one of the main culprits in global warming--from the atmosphere. "Understanding the

cycling of the nutrient elements that phytoplankton need is a key piece in the climate puzzle," says Varela, whose fieldwork sometimes takes her to opposite ends of the planet.

In the Arctic, Dr. Varela and her graduate students have participated in a number of international ship-based research expeditions, primarily to measure changes in phytoplankton productivity and nutrient levels as the ocean warms and sea ice decreases over time. And in 2013-14, she spent more than a month in Antarctica working with Argentinian scientists to study the effects of climate change on coastal planktonic communities.

In her biological oceanography class, Dr. Varela has students complete their own research projects. "We actually go out to sea on the UVic research vessel" she says. Her students get the opportunity to take samples of plankton and measure, among other things, the water's temperature, salinity and oxygen levels. Afterwards, they analyze their data and write reports on their findings.

## BIOINFORMATICS

### Ben Koop

Biology

Biomedical Research

Phone: (250) 472-4071

E-mail: [bkoop@uvic.ca](mailto:bkoop@uvic.ca)

#### Expertise:

[Research Description](#)

Genetic variation and change and its interaction with the environment.

[Expertise Profile](#)

My interests lie in the fields of molecular biology, genetics and evolution. My research attempts to look at broad molecular evolutionary problems using a very highly multidisciplinary approach. I currently have three major interest areas: salmon genome project and genes of the immune system, molecular evolution currently targeting the immune system of fishes, and biological informatics. This research involves large scale DNA sequencing technologies, sealice and salmon diseases, population dynamics of migration and refugia of coastal British Columbia.

### Mary Lesperance

Mathematics & Statistics

E-mail: [mlespera@uvic.ca](mailto:mlespera@uvic.ca)

#### Expertise:

Statistical Inference  
 Biostatistics  
 Statistical Methods for Genomic and Proteomic Data  
 Mixture Models  
 Industrial Statistics

**BIOLOGY****Robert Burke**

Biochemistry and Microbiology

*Phone:* (250) 721-8928*E-mail:* rburke@uvic.ca**Expertise:**

Cell Biology, Developmental Biology, Cell Signaling,

**C. Peter Constabel**

Biology

Centre for Forest Biology

*Phone:* (472) 5140*E-mail:* cpc@uvic.ca*Languages:* French, German and Spanish**Expertise:**

Tree and Plant Molecular Biology, Biochemistry, and Genomics. In this area of research, I use modern techniques of plant biology to elucidate the defense ("immune") response of trees (poplars) to insect pests and pathogens.

**Christopher Darimont**

Hakai-Raincoast Conservation Scholar

Geography

*E-mail:* darimont@uvic.ca**Expertise:**[Research Description](#)

Chris Darimont is an interdisciplinary conservation scientist who applies natural and social science tools to confront conservation problems that are both conceptually interesting and acutely applied. Although Chris and his fledgling lab group have broad scholarly interests, they maintain three primary research domains: i) landscape ecology at the marine-terrestrial interface, ii) conservation biology of harvest management, and iii) conservation ethics.

[Expertise Profile](#)

The wildlife and people of the central coast of British Columbia – an area popularly known as the Great Bear Rainforest – comprise a study system of particular interest. While this geographic focus invokes a strong sense of place, the research is designed to have a global reach.

Chris' interdisciplinary roots can be traced to broad training and a wide network of collaborators. After earning a PhD in Evolution and Ecology from the University of Victoria, his postdoctoral work took him to the University of California, Santa Cruz, and a large group of research partners – conservation leaders from First Nations communities of coastal British Columbia. He maintains these important relationships, which guide his research interests. Although many conceive these collaborations as opportunities to develop the capacity of First Nations, Chris views them as prospects to develop his own capacity as an applied scholar. Finally, much of

Dr. Darimont's development can be traced to his long-term affiliation with the science-based eNGO Raincoast Conservation Foundation, having served as its Director of Science.

This background has cultivated in Chris a sense of responsibility to engage in outreach. His work is commonly featured in high-profile media (e.g., National Geographic television, New York Times).

[Related Links](#)<http://www.web.uvic.ca/~darimont/><http://geography.uvic.ca/people/faculty/darimont.php>

TWITTER@chrisdarimont

**Ben Koop**

Biology

Biomedical Research

*Phone:* (250) 472-4071*E-mail:* bkoop@uvic.ca**Expertise:**[Research Description](#)

Genetic variation and change and its interaction with the environment.

[Expertise Profile](#)

My interests lie in the fields of molecular biology, genetics and evolution. My research attempts to look at broad molecular evolutionary problems using a very highly multidisciplinary approach. I currently have three major interest areas: salmon genome project and genes of the immune system, molecular evolution currently targeting the immune system of fishes, and biological informatics. This research involves large scale DNA sequencing technologies, sealice and salmon diseases, population dynamics of migration and refugia of coastal British Columbia.

**Nigel Livingston**

Centre for Forest Biology

*Phone:* (250) 721-7121*E-mail:* njl@uvic.ca**Expertise:**

I conduct research on the interaction between trees and their physical environment- specifically, the factors that determine and control carbon exchange and water use.

I conduct research on developing assistive technologies for those with disabilities

**Asit Mazumder**

NSERC Industry Research Chair

Biology

*Phone:* (472) 4789*E-mail:* mazumder@uvic.ca*Languages:* French, a little Spanish, and Bengali**Expertise:**

### Research Description

Ecology of freshwater and marine ecosystems in fisheries and water quality

### Expertise Profile

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

### Related Links

<http://www.uvic.ca/water/>**Louise Page**

Biology

*Phone:* (250) 472-4679*E-mail:* lpage@uvic.ca**Expertise:**

Evolution of development

Functional morphology of marine invertebrates

Invertebrate neurodevelopment

**Vera Pospelova**

School of Earth &amp; Ocean Sciences

Earth and Ocean Sciences

*Phone:* (250) 721-6314*E-mail:* vpospe@uvic.ca*Languages:* Russian**Expertise:**

Understanding of causes and mechanisms of environmental change, whether it is related to climate change, or ecosystem degradation due to natural variability, or anthropogenic activity, requires compilation of environmental data that span beyond the period of instrumental measurements. If long-term monitoring

measurements are scarce or unavailable, such information could be obtained only by studying (paleo)proxies from sedimentary records. My group is using organic-walled microfossils (dinoflagellate cysts, foraminiferal organic linings, pollen and spores, etc.) and geochemical proxies as indicators of past and present environmental conditions.

**Real Roy**

Biology

*Phone:* (250) 472-5071*E-mail:* realroy@uvic.ca*Languages:* French**Expertise:**

My research focus is on the ecology and diversity of bacteria in the natural environment. I am currently doing research on bacteria that can grow from methane gas, a greenhouse gas emitted in landfill soils. I am also interested in soil bacteria that transforms nitrogen, an important plant nutrient.

**Brian Starzomski**

Ian McTaggart Cowan Professor of Biodiversity Conservation and Ecological Restoration  
School of Environmental Studies

*Phone:* (250) 853-3564*E-mail:* starzom@uvic.ca**Expertise:**

- Biodiversity structure and dynamics
- Novel ecosystems
- Ecological monitoring
- Determinants of local diversity in light of climate change

### Expertise Profile

The province of BC is the last "best place on earth" for many plant and animal species. In fact, fully half of all species in Canada call BC home.

Yet climate change and human interference threaten to reduce those numbers drastically.

Dr. Brian Starzomski studies biodiversity in the landscape, its resilience and how best to minimize the threats that plant and animal species face.

He is the winner of the prestigious Ian McTaggart-Cowan Professorship of Biodiversity, Conservation and Ecological Restoration in the School of Environmental Studies at the University of Victoria.

Dr. Starzomski and his lab team work mainly in the field, conducting experiments and observational studies to look at changes in community pattern and structure.

The majority of his work focuses on alpine plant communities in the Coast Mountains of southwestern British Columbia and the blanket bog ecosystems of the Central Coast.

Much of the latter research is funded by the Hakai Beach Institute on the Central Coast, where Dr. Starzomski also teaches some of his undergraduate UVic classes.

## SCIENCE

In the School of Environmental Studies, he collaborates with Dr. Eric Higgs on the Mountain Legacy Project. They replicate photos taken over 80 years ago to compare and study change in mountain environments.

Dr. Starzomski is part of Ecology@UVic, an effort to unite ecologists across campus, providing a forum that fosters discussion, problem-solving, and collaboration, culminating in outstanding ecological research. &#8232;

### <h3>Related Links</h3>

Dr. Starzomski's Faces of UVic Research video:  
<http://youtu.be/juGant1tEyc>

The Starzomski Lab: <http://web.uvic.ca/~starzom/>

The Mountain Legacy Project: <http://mountainlegacy.ca/>

### **Leigh Anne Swayne**

Assistant Professor  
Medical Sciences  
Biochemistry and Microbiology  
Biology

*Phone:* (250) 853-3723

*E-mail:* [lswayne@uvic.ca](mailto:lswayne@uvic.ca)

*Languages:* French

### **Expertise:**

- Neural stem cells
- Neurogenesis
- Ion channels
- Neurodegenerative diseases

### <h3>Expertise Profile</h3>

The brain and the nervous system are what Dr. Leigh Anne Swayne likes to call the "master controllers" of all bodily systems.

Electric signals in the brain control everything our body does, from walking or talking to simply breathing.

Dr. Swayne, an assistant professor in the Division of Medical Sciences at the University of Victoria, studies the brain and its functions at the molecular level.

She is particularly interested in ion channels, which are the pathways in and out of cells in the brain. Those pathways are regulated by certain proteins in the cell and are extremely important for cell signaling.

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Stem cells are unique unspecialized cells that can produce new cells, including neurons. Dr. Swayne's work at understanding the fundamental science of these cells may assist in the evaluation of specific ion channels as targets to promote brain repair.

She is a firm believer in basic science research as a pathway to discovery and innovation. In her lab and in her classes, Dr. Swayne emphasizes the need for both direct application and basic study - both are essential to understanding the mystery that is the human brain.

### <h3>Related Links</h3>

Dr. Swayne's Faces of UVic Research video:  
<http://youtu.be/jE7resMpA-Q>

### **John Taylor**

Biology

*Phone:* (250) 472-5206

*E-mail:* [taylorjs@uvic.ca](mailto:taylorjs@uvic.ca)

### **Expertise:**

### <h3>Research Description</h3>

- Bioinformatics and experimental molecular biology
- Gene regulation and genome evolution
- Comparative genomics
- Opsins and olfactory receptors

### <h3>Expertise Profile</h3>

Dr. John Taylor's interest in biology stems from growing up watching nature shows on an old black and white TV.

Today in his lab at the University of Victoria, he studies in animals in a different way. Dr. Taylor works at the level of the genome, studying differences in genes in different species and in different individuals.

Specifically, he studies the associations between the genotype, a given gene or set of genes, and the phenotype, how a gene is expressed -- for example the colour of a dog's fur or a type of human disease.

A recent project studies opsin genes in fish. Opsins are connected to the light receptors in the eye that influence colour vision. Some fish have many more opsins than humans and Dr. Taylor is interested to see how this influences their vision.

From fish to humans, he is also researching the evolution of cancer and how cancer genes differ from diagnosis to chemotherapy to re-occurrence.

Down the road this sort of research could help doctors know when chemotherapy will and will not work before administering it to a patient.

In all his classes, Dr. Taylor conveys to his students how broad the research and application of genetics can be. At the level of the genome, ecology and medicine aren't as dissimilar as they might seem and the opportunities for students to pursue what interests them are almost endless.



**Christopher Upton**

Biochemistry and Microbiology

Phone: (250) 721-6507

E-mail: [cupton@uvic.ca](mailto:cupton@uvic.ca)

**Expertise:**

My research area is the analysis of genes specifying virulence in viruses. The virus groups include: poxviruses, herpesviruses, African swine fever virus, influenza and baculoviruses.

This work includes development of software tools for analysis of virus genomes.

**Diana Varela**

Associate Professor

Biology

School of Earth & Ocean Sciences

Phone: (250) 472-5425

E-mail: [dvarela@uvic.ca](mailto:dvarela@uvic.ca)

Languages: Spanish

**Expertise:**

-Marine Biogeochemistry

-Ecological Physiology of Phytoplankton

<h3>Expertise Profile</h3>

For most of us, the words "climate change" conjure up images of rising temperatures. But for biological oceanographer Diana Varela, what comes to mind are microscopic floating algae called phytoplankton, which form the basis of the marine food chain.

Dr. Varela studies how phytoplankton use nutrients during photosynthesis to better understand the cycling of nutrients in the oceans and changes in marine primary productivity. Phytoplankton produce about half of the oxygen we breathe and exert a global influence on climate by removing carbon dioxide--one of the main culprits in global warming--from the atmosphere. "Understanding the cycling of the nutrient elements that phytoplankton need is a key piece in the climate puzzle," says Varela, whose fieldwork sometimes takes her to opposite ends of the planet.

In the Arctic, Dr. Varela and her graduate students have participated in a number of international ship-based research expeditions, primarily to measure changes in phytoplankton productivity and nutrient levels as the ocean warms and sea ice decreases over time. And in 2013-14, she spent more than a month in Antarctica working with Argentinian scientists to study the effects of climate change on coastal planktonic communities.

In her biological oceanography class, Dr. Varela has students complete their own research projects. "We actually go out to sea on the UVic research vessel" she says. Her students get the opportunity to take samples of plankton and measure, among other things, the water's temperature, salinity and oxygen levels. Afterwards, they analyze their data and write reports on their findings.

**CANCER****Robert Burke**

Biochemistry and Microbiology

Phone: (250) 721-8928

E-mail: [rburke@uvic.ca](mailto:rburke@uvic.ca)

**Expertise:**

Cell Biology, Developmental Biology, Cell Signaling,

**Catherine Gaul**

School of Exercise Science, Physical and Health Ed  
Medical Sciences

Phone: (250) 721-8380

E-mail: [kgaul@uvic.ca](mailto:kgaul@uvic.ca)

Languages: French

**Expertise:**

Exercise and Cancer

Pediatric Exercise Physiology

Occupational Work Physiology

Health and Physical Activity

Medical Education in a distributed setting

**Ben Koop**

Biology

Biomedical Research

Phone: (250) 472-4071

E-mail: [bkoop@uvic.ca](mailto:bkoop@uvic.ca)

**Expertise:**

<h3>Research Description</h3>

Genetic variation and change and its interaction with the environment.

<h3>Expertise Profile</h3>

My interests lie in the fields of molecular biology, genetics and evolution. My research attempts to look at broad molecular evolutionary problems using a very highly multidisciplinary approach. I currently have three major interest areas: salmon genome project and genes of the immune system, molecular evolution currently targeting the immune system of fishes, and biological informatics. This research involves large scale DNA sequencing technologies, sealice and salmon diseases, population dynamics of migration and refugia of coastal British Columbia.

**Kelli Stajduhar**

Associate Professor

Nursing

Aging, Centre on

Phone: (250) 721-7487

E-mail: [kis@uvic.ca](mailto:kis@uvic.ca)

**Expertise:**

- Palliative and end of life care

- Home care and family caregiving

- Oncology

- HIV/AIDS

- Vulnerable and marginalized populations

- Gerontology

- Qualitative and quantitative methodologies

## SCIENCE

### Expertise Profile

If there's one absolute certainty in life, it's that we will all eventually die.

When we do, we hope that the health system and those who work in it are there to support us and our family members.

Dr. Kelli Stajduhar, an associate professor in the School of Nursing at the University of Victoria, is committed to quality end of life care for any person who is dying, of any illness, regardless of where they are being cared for.

Her research focuses on identifying the elements needed for a comprehensive and coordinated system of health care for people at the end of their lives.

Dr. Stajduhar is co-leader of an initiative aimed at integrating palliative philosophies and services earlier into nursing care for people with life-limiting or chronic illness.

This palliative approach will move conversations about a patient's comfort and their needs and wishes for end-of-life care earlier in their disease trajectory.

Dr. Stajduhar's other line of research focuses on family caregiving and the impact on families when they are providing care at home to people who are dying.

Her findings are informing policy development and front-line practice, and changing health care as we know it.

Dr. Stajduhar brings her passion for research into the classroom.

"I don't see any separation between teaching and research," she says. "I use my findings to develop curriculum and to capture students' attention, and their questions inspire new avenues of research."

### Related Links

Dr. Stajduhar's Faces of UVic Research video:  
<http://youtu.be/O3CVEMGtbZg>

## CHEMISTRY

### Cornelia Bohne

Chemistry

Phone: (250) 721-7151

E-mail: [cornelia.bohne@gmail.com](mailto:cornelia.bohne@gmail.com)

Languages: Portuguese and German

#### Expertise:

Supramolecular dynamics, in which the interaction of small molecules with large assemblies is studied in real time. Examples of supramolecular systems being studied are cyclodextrins, biol salts, DNA and proteins. Laser spectroscopy is employed to measure fast kinetic events.

### Alexandre Brolo

Professor

Chemistry

Phone: (250) 721-7167

E-mail: [agbrolo@uvic.ca](mailto:agbrolo@uvic.ca)

Languages: Portuguese

#### Expertise:

- Investigation of surface processes using electrochemistry and spectroscopy
- Development of metallic nanostructures for applications in chemical sensing and energy conversion
- Development of highly sensitive detectors based on gold nanoparticles

#### Expertise Profile

Imagine a gold cube so small that its cross-width is about 5,000 times thinner than a human hair.

The colour is not the usual yellow we associate with gold because metals at those dimensions have different properties. For instance, their colour changes when molecules stick to their surface.

Chemist Dr. Alex Brolo looks for new ways to fabricate these very small metallic structures and explores their interesting new properties in a variety of applications.

His lab looks at taking these nanostructures and integrating them into biosensors that can detect certain biological markers in the blood, such as those that are associated with leukemia or lung cancer.

Another of his lab's research strengths is the fabrication of nanomaterials that can be incorporated into solar cells capable of more efficient, low-cost electricity generation.

Dr. Brolo is the lead scientist for UVic's arm of the Prometheus Project, a wide-reaching study in advanced materials science and technology led by researchers at Simon Fraser University, and also involving the University of British Columbia and the British Columbia Institute of Technology.

In the classroom, he asks questions and tells jokes to engage his students in a subject that can be difficult to grasp, and not just because it takes place at such a small scale.

While these projects are still years away from clinical or industrial use, Dr. Brolo hopes that soon the fundamental scientific work done in his lab will lead to new technologies that can be used to benefit society.

<h3>Related Links</h3>

Dr. Brolo's Faces of UVic Research video:  
<http://youtu.be/YcJCe7DY0Fc>

### Jay Cullen

School of Earth & Ocean Sciences

Phone: (472) 4353

E-mail: [jcullen@uvic.ca](mailto:jcullen@uvic.ca)

#### Expertise:

My research aims to understand the function and fate of trace elements in the marine environment and the feedbacks between natural and anthropogenic environmental perturbations and trace element biogeochemical cycles. The research is multidisciplinary combining geochemistry, bioinorganic chemistry, algal physiology and analytical chemistry.

### Franciscus van Veggel

Professor

Chemistry

Phone: (250) 721-7184

E-mail: [fvv@uvic.ca](mailto:fvv@uvic.ca)

Languages: Dutch, German

#### Expertise:

- New nanomaterials for optical devices (laser, optical amplifiers and light-emitting diodes) and diagnostics
- New nanomaterials with magnetic and optical properties, the latter focussed on the near-infrared (~700 to 1700 nm)

<h3>Expertise Profile</h3>

Dr. Frank van Veggel's work may not be visible to the naked eye, but it could change the way we see things.

Dr. van Veggel is a professor in the University of Victoria's chemistry department and an international leader in the design and study of new photonic, or light-emitting, nanomaterials and magnetic nanomaterials. He holds a Canada Research Chair in Supramolecular Photonic Materials.

He is particularly interested in the health applications of these nanomaterials, including new biolabels, which can be used to detect diseases such as cancer. The materials produced in his lab will be used to improve the contrast in MRI machines, so cancerous tumours can be seen more clearly.

Eventually Dr. van Veggel hopes to make materials that not only image cancer but treat it as well.

His lab also works on optimizing nanomaterials for use in quantum computing and telecommunication.

In the classroom, he prepares students for research and for the experience of failure when an experiment doesn't go

the way it could have. His years of experience have taught him that every apparent failure still teaches us something.

Dr. van Veggel has always been an optimistic guy - his ultimate goal is to one day get at least one chemical compound into a clinical trial.

<h3>Related Links</h3>

Dr. van Veggel's website: <http://web.uvic.ca/~fvv/>

## COMBINATORICS AND GRAPH THEORY

### Frank Ruskey

Professor

Computer Science

Phone: (250) 472-5794

#### Expertise:

Combinatorial Algorithms,  
 Combinatorial Mathematics,  
 Gray Codes,  
 Venn Diagrams, Algorithms, Combinatorial analysis,  
 Combinatorics, Discrete Mathematics, Graph theory,  
 Mathematics, Mathematics of Computing, programming,  
 Software and Development.

<h3>Degrees</h3>

Ph.D. (Calif., San Diego)

## COSMOLOGY

### Arif Babul

University of Victoria Distinguished Professor

Physics & Astronomy

Phone: (250) 721-8844

E-mail: [babul@uvic.ca](mailto:babul@uvic.ca)

Languages: Kutchi and Gujarati

#### Expertise:

- Theoretical astrophysics and cosmology
- Evolution of galaxies, groups of galaxies and clusters of galaxies
- Dark matter

<h3>Expertise Profile</h3>

Internationally acclaimed astrophysicist Arif Babul studies how the various components of the universe--gas, dark matter, stars and galaxies--evolved into what they are today.

As an expert in theoretical cosmology, Dr. Babul tests theories about the origins of galaxies--such as our own Milky Way galaxy--as well as groups of galaxies and massive clusters of galaxies using powerful supercomputers that can simulate the progression of the universe since the Big Bang, and replicate its nearly 14 billion-year-old history.

"Since the beginning of human civilization we have been wondering how the universe came into being, how and when stars were born, and how life evolved," he says. "It's a fascinating riddle."

## SCIENCE

Dr. Babul is founding director of the UVic-based Canadian Computational Cosmology Collaboration (C4), which has grown into the international Cape Town to Cascadia Computational Cosmology (C2C4). In it, computational cosmologists from around the world use massive computer simulations to trace the evolution of the universe. The biggest challenge when working in this field is the inability to repeat the Big Bang except virtually.

One of Babul's research goals is to understand dark matter, a mysterious invisible substance that accounts for more than 80 per cent of matter in the universe. "The aim of our research programme is not only to understand how the dark matter coalesces to form discreet structure, but also to develop physical insights into what happens to the gas and galaxies as this process unfolds."

Dr. Babul has been a Distinguished Professor at UVic since 2007--this is the highest academic honour the university can grant a faculty member. He's highly regarded as a mentor and teacher among his students, who appreciate his ability to explain mind-boggling concepts clearly and comprehensibly.

### <h3>Related Links</h3>

Dr. Babul's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=TzuFmY21c\\_k](http://www.youtube.com/watch?v=TzuFmY21c_k)

### **Hendrik Hoekstra**

Physics & Astronomy

*Languages:* Dutch, German

#### ***Expertise:***

Dr. Hoekstra's primary research interests include: Observational Cosmology, Clusters of Galaxies, Galaxy Formation, Dark Matter and Dark Energy. Dr. Hoekstra has been actively involved in a number of large observational programs (CFHT Legacy Survey; Red-sequence Cluster Survey and the Supernova/Acceleration Probe) that aim to constrain cosmological parameters through a range of independent techniques. Most notably he has been using weak lensing by large scale structure ("cosmic shear") and the evolution of clusters as a function of redshift. The latter requires more detailed studies of clusters, to which end, Dr. Hoekstra has initiated the Canadian Cluster Comparison Project, with the aim to study the mass distribution of a sample of ~60 X-ray selected galaxy clusters.

### **Julio Navarro**

Professor

Physics & Astronomy

*Phone:* (250) 721-6644

*E-mail:* [jfn@uvic.ca](mailto:jfn@uvic.ca)

*Languages:* Spanish, Italian, some French and Portuguese

#### ***Expertise:***

- The Formation of Galaxies
- The Nature of Dark Matter and Dark Energy

### <h3>Expertise Profile</h3>

The universe is a puzzle still being solved.

As a cosmologist, Dr. Julio Navarro studies this mystery, its origins and its evolution.

His research on galaxy formation and evolution, primarily using sophisticated computer simulations, has shaped our current understanding of how structures in the universe evolved.

Like an archeologist, Dr. Navarro digs through the properties of stars in our galaxy and beyond to work out how these clusters of solar systems first formed.

One of the world's leading astrophysicists, he is especially well known for his work on dark matter, a mysterious substance that holds galaxies together.

In his teaching, Dr. Navarro uses lectures to motivate and inspire his students. Instead of showing how to do complex problems on a chalkboard, he explains why those problems are important to the field of astronomy.

He's the only Canadian member of the Virgo consortium, an international team of astrophysicists who developed the largest computer simulation ever of the structure and evolution of the universe.

In 2011, Dr. Navarro was honoured to be elected a fellow of the Royal Society of Canada for outstanding scholarly and scientific achievement. The distinction is considered Canada's highest academic accolade.

### <h3>Related Links</h3>

Dr. Navarro's Faces of UVic Research video:  
<http://youtu.be/gKrg7wIgyf>

**Jon Willis**

Physics & Astronomy  
 Phone: (250) 721-7740  
 E-mail: jwillis@uvic.ca  
 Languages: Spanish

**Expertise:**

I am an astronomer. This means that I use observations of the night sky to learn about the physical nature of our universe. I concentrate upon the question of how the universe arrived at its present complex mix of stars, planets and galaxies from apparently simple beginnings.

**EARTH AND OCEAN SCIENCES****Dante Canil**

School of Earth & Ocean Sciences  
 Phone: (250) 472-4180  
 E-mail: dcanil@uvic.ca  
 Languages: German (conversational)

**Expertise:**

Origin of diamonds  
 Origin and evolution of earth's mantle  
 Origin of the atmosphere  
 Igneous rocks

**Jay Cullen**

School of Earth & Ocean Sciences  
 Phone: (472) 4353  
 E-mail: jcullen@uvic.ca

**Expertise:**

My research aims to understand the function and fate of trace elements in the marine environment and the feedbacks between natural and anthropogenic environmental perturbations and trace element biogeochemical cycles. The research is multidisciplinary combining geochemistry, bioinorganic chemistry, algal physiology and analytical chemistry.

**Stephen Johnston**

School of Earth & Ocean Sciences  
 E-mail: stj@uvic.ca  
 Languages: un petit peu francais, y lo mismo por Espanol

**Expertise:**

**Research Description**

Origin of mountain belts

Earth's ever changing paleogeography

The role of mountain belts in the growth of continents, the evolution of the biosphere and the development of our atmosphere

**Expertise Profile**

I research the origin and evolution of mountain belts, including addressing their role in the growth of continents and the evolution of the biosphere and the

atmosphere, using their development as a constraint on Earth's ever changing paleogeography.

My research is rooted in field-based geological mapping of key parts of mountain belts, both modern and ancient. Multidisciplinary studies, including geophysical investigations and geochemical and geochronological analyses are utilized to further constrain the geometry and evolution of mountain belts. Models of development and evolution of ancient earth crust are tested against (1) tectonically active modern analogues, including the Apennines of southern Italy, and the Melanesian region of the southwest Pacific, and (2) geodynamic, geometric, climate and thermal models.

**Stanley Juniper**

Professor  
 School of Earth & Ocean Sciences  
 Biology

NEPTUNE

Phone: (250) 472-5379  
 E-mail: kjuniper@uvic.ca  
 Languages: French

**Expertise:**

- Ecology and biogeochemistry of deep-sea hydrothermal vents
- Microbial ecology
- Marine conservation
- Deep-sea ecosystems of the arctic

**Expertise Profile**

Microbes matter - we don't see them but we couldn't live without them, says Kim Juniper, an internationally renowned marine ecologist who studies how seasonal and climatic cycles affect the ecology of the ocean floor.

Trained in marine microbiology, Dr. Juniper is well-known for his primary research on the biogeochemistry and ecology of submarine hydrothermal vents.

His work uncovered that high-temperature bacteria decompose the toxic chemicals emitted by the vents, providing energy and nutrients for lush biological communities to thrive there.

More recently, his area of research involves the innovative use of new generations of underwater sensors and imaging devices centrally-controlled at UVic's leading underwater observatories VENUS and NEPTUNE, where he directs the scientific research teams.

Partnered with Oceans Network Canada, NEPTUNE is a ring of six research stations off the west coast of Vancouver Island, connected in real-time on the Internet through fibre optic cables. VENUS, its sister project, has deep sea installations located near Victoria and Vancouver.

## SCIENCE

One laboratory project aims at better understanding the nitrogen cycle in the ocean, starting with plankton - tiny drifting plants and animals that consume nitrogen for productivity. When plankton sink to the ocean floor, they become the primary food source for seafloor ecosystems, allowing microbes, fish and marine mammals to grow and diversify.

By tracking live data on how nitrogen or carbon cycles work in today's changing oceans, Dr. Juniper and his team can predict what future oceans will look like and where resources such as fisheries will be.

He is already advising the UN with insights from his research to regulate pressing issues such as deep sea mining and extracting genetic resources from the deep sea.

When with students, Dr. Juniper likes them to make their own discoveries by analyzing real-life data and critically challenging published results.

### <h3>Related Links</h3>

LinkedIn Kim Juniper

<http://ca.linkedin.com/pub/kim-juniper/19/210/745>

Twitter: <https://twitter.com/skjuniper>

Faces of UVic Research Video:

[http://www.youtube.com/watch?v=bFB67lzWK\\_8](http://www.youtube.com/watch?v=bFB67lzWK_8)

### **Asit Mazumder**

NSERC Industry Research Chair

Biology

Phone: (472) 4789

E-mail: [mazumder@uvic.ca](mailto:mazumder@uvic.ca)

Languages: French, a little Spanish, and Bengali

#### **Expertise:**

<h3>Research Description</h3>

Ecology of freshwater and marine ecosystems in fisheries and water quality

### <h3>Expertise Profile</h3>

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and

water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

### <h3>Related Links</h3>

<http://www.uvic.ca/water/>

### **Adam Monahan**

School of Earth & Ocean Sciences

Phone: (250) 472-5075

#### **Expertise:**

My research is in the area of Climate Dynamics, in particular the effects of interactions between different space and time scales in the climate system. Research interests include large-scale variability of the ocean and atmosphere, variability and predictability of surface winds, understanding the relationship between statistical and physical descriptions of climate variability, stochastic dynamics, and the mathematics of climate modeling.

### **Thomas Pedersen**

School of Earth & Ocean Sciences

Phone: (250) 217-3641

Languages: Limited French

#### **Expertise:**

The marine carbon cycle.  
Climate policy in British Columbia and elsewhere.

### <h3>Expertise Profile</h3>

Paleoceanography, in which geochemical and isotopic variations found in marine sediments are used to interpret climate and oceanographic history. The chemical behaviour of mine wastes in the sea and in lakes.

### <h3>Related Links</h3>

<http://pics.uvic.ca/>

Twitter: @PICSCanada

### **Vera Pospelova**

School of Earth & Ocean Sciences

Earth and Ocean Sciences

Phone: (250) 721-6314

E-mail: [vpospe@uvic.ca](mailto:vpospe@uvic.ca)

Languages: Russian

#### **Expertise:**

Understanding of causes and mechanisms of environmental change, whether it is related to climate change, or ecosystem degradation due to natural variability, or anthropogenic activity, requires compilation of environmental data that span beyond the period of instrumental measurements. If long-term monitoring measurements are scarce or unavailable, such information could be obtained only by studying (paleo)proxies from sedimentary records. My group is using organic-walled microfossils (dinoflagellate cysts, foraminiferal organic linings, pollen and spores, etc.) and geochemical proxies

as indicators of past and present environmental conditions.

### **Diana Varela**

Associate Professor

Biology

School of Earth & Ocean Sciences

Phone: (250) 472-5425

E-mail: [dvarela@uvic.ca](mailto:dvarela@uvic.ca)

Languages: Spanish

#### **Expertise:**

-Marine Biogeochemistry

-Ecological Physiology of Phytoplankton

<h3>Expertise Profile</h3>

For most of us, the words "climate change" conjure up images of rising temperatures. But for biological oceanographer Diana Varela, what comes to mind are microscopic floating algae called phytoplankton, which form the basis of the marine food chain.

Dr. Varela studies how phytoplankton use nutrients during photosynthesis to better understand the cycling of nutrients in the oceans and changes in marine primary productivity. Phytoplankton produce about half of the oxygen we breathe and exert a global influence on climate by removing carbon dioxide--one of the main culprits in global warming--from the atmosphere. "Understanding the cycling of the nutrient elements that phytoplankton need is a key piece in the climate puzzle," says Varela, whose fieldwork sometimes takes her to opposite ends of the planet.

In the Arctic, Dr. Varela and her graduate students have participated in a number of international ship-based research expeditions, primarily to measure changes in phytoplankton productivity and nutrient levels as the ocean warms and sea ice decreases over time. And in 2013-14, she spent more than a month in Antarctica working with Argentinian scientists to study the effects of climate change on coastal planktonic communities.

In her biological oceanography class, Dr. Varela has students complete their own research projects. "We actually go out to sea on the UVic research vessel" she says. Her students get the opportunity to take samples of plankton and measure, among other things, the water's temperature, salinity and oxygen levels. Afterwards, they analyze their data and write reports on their findings.

### **Ian Walker**

Geography

Phone: (250) 721-7347

E-mail: [ijwalker@uvic.ca](mailto:ijwalker@uvic.ca)

#### **Expertise:**

<h3>Research Description</h3>

Beach and dune geomorphology

Sedimentary processes

Coastal erosion

Wind (aeolian) processes

<h3>Expertise profile</h3>

Professor Walker is a geomorphologist with expertise in beach and sand dune geomorphology, sedimentary processes, wind (aeolian) processes, and the impacts coastal erosion and sea level changes. Dr. Walker's research takes place on beaches and dunes across north America in Prince Edward Island National Park, Haida Gwaii, Pacific Rim National Park, and Cape Cod National Seashore. This work involves close collaboration with Parks Canada, BC Parks, US National Park Service, the Geological Survey of Canada, and many international colleagues. Dr. Walker directs the Coastal Erosion & Dune Dynamics (CEDD) Laboratory, which studies the erosion, dynamics, and restoration of sandy beach-dune systems and explores linkages to land use changes and climatic change impacts using leading-edge technology and collaborative training opportunities.

<h3>Related Links</h3>

<http://cedd.geog.uvic.ca/>

## **ECOLOGY**

### **Christopher Darimont**

Hakai-Raincoast Conservation Scholar

Geography

E-mail: [darimont@uvic.ca](mailto:darimont@uvic.ca)

#### **Expertise:**

<h3>Research Description</h3>

Chris Darimont is an interdisciplinary conservation scientist who applies natural and social science tools to confront conservation problems that are both conceptually interesting and acutely applied. Although Chris and his fledgling lab group have broad scholarly interests, they maintain three primary research domains: i) landscape ecology at the marine-terrestrial interface, ii) conservation biology of harvest management, and iii) conservation ethics.

<h3>Expertise Profile</h3>

The wildlife and people of the central coast of British

## SCIENCE

Columbia – an area popularly known as the Great Bear Rainforest – comprise a study system of particular interest. While this geographic focus invokes a strong sense of place, the research is designed to have a global reach.

Chris' interdisciplinary roots can be traced to broad training and a wide network of collaborators. After earning a PhD in Evolution and Ecology from the University of Victoria, his postdoctoral work took him to the University of California, Santa Cruz, and a large group of research partners – conservation leaders from First Nations communities of coastal British Columbia. He maintains these important relationships, which guide his research interests. Although many conceive these collaborations as opportunities to develop the capacity of First Nations, Chris views them as prospects to develop his own capacity as an applied scholar. Finally, much of Dr. Darimont's development can be traced to his long-term affiliation with the science-based eNGO Raincoast Conservation Foundation, having served as its Director of Science.

This background has cultivated in Chris a sense of responsibility to engage in outreach. His work is commonly featured in high-profile media (e.g., National Geographic television, New York Times).

### <h3>Related Links</h3>

<http://www.web.uvic.ca/~darimont/>

<http://geography.uvic.ca/people/faculty/darimont.php>

TWITTER @chrisdarimont

### **Stanley Juniper**

Professor

School of Earth & Ocean Sciences

Biology

NEPTUNE

Phone: (250) 472-5379

E-mail: [kjuniper@uvic.ca](mailto:kjuniper@uvic.ca)

Languages: French

#### **Expertise:**

- Ecology and biogeochemistry of deep-sea hydrothermal vents
- Microbial ecology
- Marine conservation
- Deep-sea ecosystems of the arctic

### <h3>Expertise Profile</h3>

Microbes matter - we don't see them but we couldn't live without them, says Kim Juniper, an internationally renowned marine ecologist who studies how seasonal and climatic cycles affect the ecology of the ocean floor.

Trained in marine microbiology, Dr. Juniper is well-known for his primary research on the biogeochemistry and ecology of submarine hydrothermal

vents.

His work uncovered that high-temperature bacteria decompose the toxic chemicals emitted by the vents, providing energy and nutrients for lush biological communities to thrive there.

More recently, his area of research involves the innovative use of new generations of underwater sensors and imaging devices centrally-controlled at UVic's leading underwater observatories VENUS and NEPTUNE, where he directs the scientific research teams.

Partnered with Oceans Network Canada, NEPTUNE is a ring of six research stations off the west coast of Vancouver Island, connected in real-time on the Internet through fibre optic cables. VENUS, its sister project, has deep sea installations located near Victoria and Vancouver.

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By tracking live data on how nitrogen or carbon cycles work in today's changing oceans, Dr. Juniper and his team can predict what future oceans will look like and where resources such as fisheries will be.

He is already advising the UN with insights from his research to regulate pressing issues such as deep sea mining and extracting genetic resources from the deep sea.

When with students, Dr. Juniper likes them to make their own discoveries by analyzing real-life data and critically challenging published results.

### <h3>Related Links</h3>

LinkedIn Kim Juniper

<http://ca.linkedin.com/pub/kim-juniper/19/210/745>

Twitter: <https://twitter.com/skjuniper>

Faces of UVic Research Video:

[http://www.youtube.com/watch?v=bFB67lzWK\\_8](http://www.youtube.com/watch?v=bFB67lzWK_8)



**Asit Mazumder**

NSERC Industry Research Chair

Biology

Phone: (472) 4789

E-mail: mazumder@uvic.ca

Languages: French, a little Spanish, and Bengali

**Expertise:**

### Research Description

Ecology of freshwater and marine ecosystems in fisheries and water quality

### Expertise Profile

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

### Related Links

<http://www.uvic.ca/water/>

**Valentin Schaefer**

School of Environmental Studies

Phone: (250) 472-4387

E-mail: schaefer@uvic.ca

**Expertise:**

My research highlights the value of nature in urban areas. It involves biophysical inventories of natural areas in cities and approaches to improving their health through connectivity, ecological memory, invasives removal and environmental stewardship.

**Brian Starzomski**

Ian McTaggart Cowan Professor of Biodiversity

Conservation and Ecological Restoration

School of Environmental Studies

Phone: (250) 853-3564

E-mail: starzom@uvic.ca

**Expertise:**

- Biodiversity structure and dynamics
- Novel ecosystems
- Ecological monitoring
- Determinants of local diversity in light of climate change

### Expertise Profile

The province of BC is the last "best place on earth" for many plant and animal species. In fact, fully half of all species in Canada call BC home.

Yet climate change and human interference threaten to reduce those numbers drastically.

Dr. Brian Starzomski studies biodiversity in the landscape, its resilience and how best to minimize the threats that plant and animal species face.

He is the winner of the prestigious Ian McTaggart-Cowan Professorship of Biodiversity, Conservation and Ecological Restoration in the School of Environmental Studies at the University of Victoria.

Dr. Starzomski and his lab team work mainly in the field, conducting experiments and observational studies to look at changes in community pattern and structure.

The majority of his work focuses on alpine plant communities in the Coast Mountains of southwestern British Columbia and the blanket bog ecosystems of the Central Coast.

Much of the latter research is funded by the Hakai Beach Institute on the Central Coast, where Dr. Starzomski also teaches some of his undergraduate UVic classes.

In the School of Environmental Studies, he collaborates with Dr. Eric Higgs on the Mountain Legacy Project. They replicate photos taken over 80 years ago to compare and study change in mountain environments.

Dr. Starzomski is part of Ecology@UVic, an effort to unite ecologists across campus, providing a forum that fosters discussion, problem-solving, and collaboration, culminating in outstanding ecological research. &#8232;

### Related Links

Dr. Starzomski's Faces of UVic Research video:  
<http://youtu.be/juGant1tEyc>

The Starzomski Lab: <http://web.uvic.ca/~starzom/>

The Mountain Legacy Project: <http://mountainlegacy.ca/>

## SCIENCE

### Diana Varela

Associate Professor  
Biology  
School of Earth & Ocean Sciences  
Phone: (250) 472-5425  
E-mail: [dvarela@uvic.ca](mailto:dvarela@uvic.ca)  
Languages: Spanish

#### Expertise:

- Marine Biogeochemistry
- Ecological Physiology of Phytoplankton

<h3>Expertise Profile</h3>  
For most of us, the words "climate change" conjure up images of rising temperatures. But for biological oceanographer Diana Varela, what comes to mind are microscopic floating algae called phytoplankton, which form the basis of the marine food chain.

Dr. Varela studies how phytoplankton use nutrients during photosynthesis to better understand the cycling of nutrients in the oceans and changes in marine primary productivity. Phytoplankton produce about half of the oxygen we breathe and exert a global influence on climate by removing carbon dioxide--one of the main culprits in global warming--from the atmosphere. "Understanding the cycling of the nutrient elements that phytoplankton need is a key piece in the climate puzzle," says Varela, whose fieldwork sometimes takes her to opposite ends of the planet.

In the Arctic, Dr. Varela and her graduate students have participated in a number of international ship-based research expeditions, primarily to measure changes in phytoplankton productivity and nutrient levels as the ocean warms and sea ice decreases over time. And in 2013-14, she spent more than a month in Antarctica working with Argentinian scientists to study the effects of climate change on coastal planktonic communities.

In her biological oceanography class, Dr. Varela has students complete their own research projects. "We actually go out to sea on the UVic research vessel" she says. Her students get the opportunity to take samples of plankton and measure, among other things, the water's temperature, salinity and oxygen levels. Afterwards, they analyze their data and write reports on their findings.

### John Volpe

School of Environmental Studies  
Phone: (250) 472-4298  
E-mail: [jpv@uvic.ca](mailto:jpv@uvic.ca)

#### Expertise:

- Aquaculture
- Sustainability
- Systems Theory
- Restoration

<h3>Related Links</h3>

Dr. Volpe's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=CrFLq6tnFCM>

## ELECTROCHEMISTRY

### Alexandre Brolo

Professor  
Chemistry  
Phone: (250) 721-7167  
E-mail: [agbrolo@uvic.ca](mailto:agbrolo@uvic.ca)  
Languages: Portuguese

#### Expertise:

- Investigation of surface processes using electrochemistry and spectroscopy
- Development of metallic nanostructures for applications in chemical sensing and energy conversion
- Development of highly sensitive detectors based on gold nanoparticles

<h3>Expertise Profile</h3>

Imagine a gold cube so small that its cross-width is about 5,000 times thinner than a human hair.

The colour is not the usual yellow we associate with gold because metals at those dimensions have different properties. For instance, their colour changes when molecules stick to their surface.

Chemist Dr. Alex Brolo looks for new ways to fabricate these very small metallic structures and explores their interesting new properties in a variety of applications.

His lab looks at taking these nanostructures and integrating them into biosensors that can detect certain biological markers in the blood, such as those that are associated with leukemia or lung cancer.

Another of his lab's research strengths is the fabrication of nanomaterials that can be incorporated into solar cells capable of more efficient, low-cost electricity generation.

Dr. Brolo is the lead scientist for UVic's arm of the Prometheus Project, a wide-reaching study in advanced materials science and technology led by researchers at Simon Fraser University, and also involving the University of British Columbia and the British Columbia Institute of Technology.

In the classroom, he asks questions and tells jokes to engage his students in a subject that can be difficult to grasp, and not just because it takes place at such a small scale.

While these projects are still years away from clinical or industrial use, Dr. Brolo hopes that soon the fundamental scientific work done in his lab will lead to new technologies that can be used to benefit society.

<h3>Related Links</h3>

Dr. Brolo's Faces of UVic Research video:  
<http://youtu.be/YcJCe7DY0Fc>

**Jay Cullen**

School of Earth & Ocean Sciences

Phone: (472) 4353

E-mail: jcullen@uvic.ca

**Expertise:**

My research aims to understand the function and fate of trace elements in the marine environment and the feedbacks between natural and anthropogenic environmental perturbations and trace element biogeochemical cycles. The research is multidisciplinary combining geochemistry, bioinorganic chemistry, algal physiology and analytical chemistry.

**GEOCHEMISTRY****Dante Canil**

School of Earth & Ocean Sciences

Phone: (250) 472-4180

E-mail: dcanil@uvic.ca

Languages: German (conversational)

**Expertise:**

Origin of diamonds  
Origin and evolution of earth's mantle  
Origin of the atmosphere  
Igneous rocks

**Jay Cullen**

School of Earth & Ocean Sciences

Phone: (472) 4353

E-mail: jcullen@uvic.ca

**Expertise:**

My research aims to understand the function and fate of trace elements in the marine environment and the feedbacks between natural and anthropogenic environmental perturbations and trace element biogeochemical cycles. The research is multidisciplinary combining geochemistry, bioinorganic chemistry, algal physiology and analytical chemistry.

**Asit Mazumder**

NSERC Industry Research Chair

Biology

Phone: (472) 4789

E-mail: mazumder@uvic.ca

Languages: French, a little Spanish, and Bengali

**Expertise:**

Research Description  
Ecology of freshwater and marine ecosystems in fisheries and water quality

**Expertise Profile**

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has

been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

**Related Links**

<http://www.uvic.ca/water/>

**Thomas Pedersen**

School of Earth & Ocean Sciences

Phone: (250) 217-3641

Languages: Limited French

**Expertise:**

The marine carbon cycle.  
Climate policy in British Columbia and elsewhere.

**Expertise Profile**

Paleoceanography, in which geochemical and isotopic variations found in marine sediments are used to interpret climate and oceanographic history. The chemical behaviour of mine wastes in the sea and in lakes.

**Related Links**

<http://pics.uvic.ca/>

Twitter: @PICSCanada

**MATHEMATICS AND STATISTICS****Mary Lesperance**

Mathematics & Statistics

E-mail: mlespera@uvic.ca

**Expertise:**

Statistical Inference  
Biostatistics  
Statistical Methods for Genomic and Proteomic Data  
Mixture Models  
Industrial Statistics

## MOLECULAR BIOLOGY

### Robert Burke

Biochemistry and Microbiology

Phone: (250) 721-8928

E-mail: rburke@uvic.ca

**Expertise:**

Cell Biology, Developmental Biology, Cell Signaling,

### C. Peter Constabel

Biology

Centre for Forest Biology

Phone: (472) 5140

E-mail: cpc@uvic.ca

Languages: French, German and Spanish

**Expertise:**

Tree and Plant Molecular Biology, Biochemistry, and Genomics. In this area of research, I use modern techniques of plant biology to elucidate the defense ("immune") response of trees (poplars) to insect pests and pathogens.

### Stanley Juniper

Professor

School of Earth & Ocean Sciences

Biology

NEPTUNE

Phone: (250) 472-5379

E-mail: kjuniper@uvic.ca

Languages: French

**Expertise:**

- Ecology and biogeochemistry of deep-sea hydrothermal vents
- Microbial ecology
- Marine conservation
- Deep-sea ecosystems of the arctic

**Expertise Profile**

Microbes matter - we don't see them but we couldn't live without them, says Kim Juniper, an internationally renowned marine ecologist who studies how seasonal and climatic cycles affect the ecology of the ocean floor.

Trained in marine microbiology, Dr. Juniper is well-known for his primary research on the biogeochemistry and ecology of submarine hydrothermal vents.

His work uncovered that high-temperature bacteria decompose the toxic chemicals emitted by the vents, providing energy and nutrients for lush biological communities to thrive there.

More recently, his area of research involves the innovative use of new generations of underwater sensors and imaging devices centrally-controlled at UVic's leading underwater observatories VENUS and NEPTUNE, where he directs the scientific research teams.

Partnered with Oceans Network Canada, NEPTUNE is a ring of six research stations off the west coast of Vancouver Island, connected in real-time on the Internet through fibre optic cables. VENUS, its sister project, has deep sea installations located near Victoria and Vancouver.

One laboratory project aims at better understanding the nitrogen cycle in the ocean, starting with plankton - tiny drifting plants and animals that consume nitrogen for productivity. When plankton sink to the ocean floor, they become the primary food source for seafloor ecosystems, allowing microbes, fish and marine mammals to grow and diversify.

By tracking live data on how nitrogen or carbon cycles work in today's changing oceans, Dr. Juniper and his team can predict what future oceans will look like and where resources such as fisheries will be.

He is already advising the UN with insights from his research to regulate pressing issues such as deep sea mining and extracting genetic resources from the deep sea.

When with students, Dr. Juniper likes them to make their own discoveries by analyzing real-life data and critically challenging published results.

**Related Links**

LinkedIn Kim Juniper

<http://ca.linkedin.com/pub/kim-juniper/19/210/745>

Twitter: <https://twitter.com/skjuniper>

Faces of UVic Research Video:

[http://www.youtube.com/watch?v=bFB67lzWK\\_8](http://www.youtube.com/watch?v=bFB67lzWK_8)

### Ben Koop

Biology

Biomedical Research

Phone: (250) 472-4071

E-mail: bkoop@uvic.ca

**Expertise:**

**Research Description**

Genetic variation and change and its interaction with the environment.

**Expertise Profile**

My interests lie in the fields of molecular biology, genetics and evolution. My research attempts to look at broad molecular evolutionary problems using a very highly multidisciplinary approach. I currently have three major interest areas: salmon genome project and genes of the immune system, molecular evolution currently targeting the immune system of fishes, and biological informatics. This research involves large scale DNA sequencing technologies, sealice and salmon diseases, population dynamics of migration and refugia of coastal British Columbia.

**Terry Pearson**

Biochemistry and Microbiology

**Expertise:**

My expertise is in immunology, molecular parasitology, molecular entomology and protein chemistry. Research is focused on African trypanosomes, the parasites that cause sleeping sickness, and their tsetse fly vectors.

**Christopher Upton**

Biochemistry and Microbiology

Phone: (250) 721-6507

E-mail: [cupton@uvic.ca](mailto:cupton@uvic.ca)

**Expertise:**

My research area is the analysis of genes specifying virulence in viruses. The virus groups include: poxviruses, herpesviruses, African swine fever virus, influenza and baculoviruses. This work includes development of software tools for analysis of virus genomes.

**NANOTECHNOLOGY****Alexandre Brolo**

Professor

Chemistry

Phone: (250) 721-7167

E-mail: [agbrolo@uvic.ca](mailto:agbrolo@uvic.ca)

Languages: Portuguese

**Expertise:**

- Investigation of surface processes using electrochemistry and spectroscopy
- Development of metallic nanostructures for applications in chemical sensing and energy conversion
- Development of highly sensitive detectors based on gold nanoparticles

**Expertise Profile**

Imagine a gold cube so small that its cross-width is about 5,000 times thinner than a human hair.

The colour is not the usual yellow we associate with gold because metals at those dimensions have different properties. For instance, their colour changes when molecules stick to their surface.

Chemist Dr. Alex Brolo looks for new ways to fabricate these very small metallic structures and explores their interesting new properties in a variety of applications.

His lab looks at taking these nanostructures and integrating them into biosensors that can detect certain biological markers in the blood, such as those that are associated with leukemia or lung cancer.

Another of his lab's research strengths is the fabrication of nanomaterials that can be incorporated into solar cells capable of more efficient, low-cost electricity generation.

Dr. Brolo is the lead scientist for UVic's arm of the

Prometheus Project, a wide-reaching study in advanced materials science and technology led by researchers at Simon Fraser University, and also involving the University of British Columbia and the British Columbia Institute of Technology.

In the classroom, he asks questions and tells jokes to engage his students in a subject that can be difficult to grasp, and not just because it takes place at such a small scale.

While these projects are still years away from clinical or industrial use, Dr. Brolo hopes that soon the fundamental scientific work done in his lab will lead to new technologies that can be used to benefit society.

**Related Links**

Dr. Brolo's Faces of UVic Research video:

<http://youtu.be/YcJCe7DY0Fc>

**Franciscus van Veggel**

Professor

Chemistry

Phone: (250) 721-7184

E-mail: [fvv@uvic.ca](mailto:fvv@uvic.ca)

Languages: Dutch, German

**Expertise:**

- New nanomaterials for optical devices (laser, optical amplifiers and light-emitting diodes) and diagnostics
- New nanomaterials with magnetic and optical properties, the latter focussed on the near-infrared (~700 to 1700 nm)

**Expertise Profile**

Dr. Frank van Veggel's work may not be visible to the naked eye, but it could change the way we see things.

Dr. van Veggel is a professor in the University of Victoria's chemistry department and an international leader in the design and study of new photonic, or light-emitting, nanomaterials and magnetic nanomaterials. He holds a Canada Research Chair in Supramolecular Photonic Materials.

He is particularly interested in the health applications of these nanomaterials, including new biolabels, which can be used to detect diseases such as cancer. The materials produced in his lab will be used to improve the contrast in MRI machines, so cancerous tumours can be seen more clearly.

Eventually Dr. van Veggel hopes to make materials that not only image cancer but treat it as well.

His lab also works on optimizing nanomaterials for use in quantum computing and telecommunication.

In the classroom, he prepares students for research and for the experience of failure when an experiment doesn't go the way it could have. His years of experience have taught him that every apparent failure still teaches us something.

## SCIENCE

Dr. van Veggel has always been an optimistic guy - his ultimate goal is to one day get at least one chemical compound into a clinical trial.

<h3>Related Links</h3>

Dr. van Veggel's website: <http://web.uvic.ca/~fvv/>

## NEUROBIOLOGY

### Robert Burke

Biochemistry and Microbiology

Phone: (250) 721-8928

E-mail: [rburke@uvic.ca](mailto:rburke@uvic.ca)

**Expertise:**

Cell Biology, Developmental Biology, Cell Signaling,

### Ronald Skelton

Psychology

**Expertise:**

Recovery of Function After Brain Injury:

Loss of memory and spatial navigation (wayfinding).

Measuring outcome after brain injury and changes in functioning during rehabilitation.

### E. Paul Zehr

School of Exercise Science, Physical and Health Ed  
Biomedical Research

Phone: (250) 721-8379

E-mail: [pzehr@uvic.ca](mailto:pzehr@uvic.ca)

Languages: French, some German, Japanese, Italian and Spanish

**Expertise:**

- Neural control of human movement
- Recovery from stroke and spinal cord injuries
- Role of reflexes in coordination of limbs

<h3>Expertise Profile</h3>

We should give our arms more credit when it comes to walking, says Dr. E. Paul Zehr.

Dr. Zehr is a neuroscientist in the Division of Medical Sciences and School of Exercise Science, Physical and Health Education, where he studies how our arms and legs follow the commands of the brain and spinal cord during walking.

He would cement his reputation as a breakthrough scientist by discovering that our arms give our legs a helping hand when we walk.

In one study, Dr. Zehr looked at how arm and leg coordination is changed or lost after the nervous system has been damaged during stroke or a spinal cord injury. He finds that the nervous system has the capacity to change no matter what damage it has endured.

For that matter, Dr. Zehr and his graduate students at UVic applied a mostly forgotten discovery over 100 years ago where exercising the unaffected side of the body after

stroke also strengthened the opposite weaker side of the body.

This surprising finding encourages people with neural injuries and mobility issues in rehabilitation to continue to exercise and eventually recover their ability to walk.

Dr. Zehr brings his passion into the classroom by using real-life stories from his research to support understanding of concepts in neuroscience and kinesiology. He also uses examples from pop culture, such as superheroes from action-based comic books, to help students explore creative ways of solving problems.

<h3>Related Links</h3>

Dr. Zehr's Faces of UVic Research video:

<http://www.youtube.com/watch?v=1ig3dK-MiPs>

## PHYSICAL OCEANOGRAPHY

### Christopher Garrett

School of Earth & Ocean Sciences

Physics & Astronomy

**Expertise:**

Physical Oceanography

### Jody Klymak

School of Earth & Ocean Sciences

Physics & Astronomy

Phone: (250) 472-5969

E-mail: [jklymak@uvic.ca](mailto:jklymak@uvic.ca)

**Expertise:**

Oceanography, Fluid Mechanics, Turbulence, Ocean Circulation, Coastal Oceanography.

### Adam Monahan

School of Earth & Ocean Sciences

Phone: (250) 472-5075

**Expertise:**

My research is in the area of Climate Dynamics, in particular the effects of interactions between different space and time scales in the climate system.

Research interests include large-scale variability of the ocean and atmosphere, variability and predictability of surface winds, understanding the relationship between statistical and physical descriptions of climate variability, stochastic dynamics, and the mathematics of climate modeling.

## PHYSICS AND ASTRONOMY

### Arif Babul

University of Victoria Distinguished Professor  
Physics & Astronomy  
Phone: (250) 721-8844  
E-mail: babul@uvic.ca

Languages: Kutchi and Gujarati

#### Expertise:

- Theoretical astrophysics and cosmology
- Evolution of galaxies, groups of galaxies and clusters of galaxies
- Dark matter

<h3>Expertise Profile</h3>

Internationally acclaimed astrophysicist Arif Babul studies how the various components of the universe--gas, dark matter, stars and galaxies--evolved into what they are today.

As an expert in theoretical cosmology, Dr. Babul tests theories about the origins of galaxies--such as our own Milky Way galaxy--as well as groups of galaxies and massive clusters of galaxies using powerful supercomputers that can simulate the progression of the universe since the Big Bang, and replicate its nearly 14 billion-year-old history.

"Since the beginning of human civilization we have been wondering how the universe came into being, how and when stars were born, and how life evolved," he says. "It's a fascinating riddle."

Dr. Babul is founding director of the UVic-based Canadian Computational Cosmology Collaboration (C4), which has grown into the international Cape Town to Cascadia Computational Cosmology (C2C4). In it, computational cosmologists from around the world use massive computer simulations to trace the evolution of the universe. The biggest challenge when working in this field is the inability to repeat the Big Bang except virtually.

One of Babul's research goals is to understand dark matter, a mysterious invisible substance that accounts for more than 80 per cent of matter in the universe. "The aim of our research programme is not only to understand how the dark matter coalesces to form discreet structure, but also to develop physical insights into what happens to the gas and galaxies as this process unfolds."

Dr. Babul has been a Distinguished Professor at UVic since 2007--this is the highest academic honour the university can grant a faculty member. He's highly regarded as a mentor and teacher among his students, who appreciate his ability to explain mind-boggling concepts clearly and comprehensibly.

<h3>Related Links</h3>

Dr. Babul's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=TzuFmY21c\\_k](http://www.youtube.com/watch?v=TzuFmY21c_k)

### Falk Herwig

Physics & Astronomy  
Phone: (250) 721-7743  
E-mail: fherwig@uvic.ca  
Languages: German

#### Expertise:

Computational astrophysics, nuclear astrophysics, simulation science, stellar physics, origin of the elements in stars and stellar explosions, the first stars in the Universe, merging stars, computational fluid dynamics, combustion in stars.

### Hendrik Hoekstra

Physics & Astronomy  
Languages: Dutch, German

#### Expertise:

Dr. Hoekstra's primary research interests include: Observational Cosmology, Clusters of Galaxies, Galaxy Formation, Dark Matter and Dark Energy. Dr. Hoekstra has been actively involved in a number of large observational programs (CFHT Legacy Survey; Red-sequence Cluster Survey and the Supernova/Acceleration Probe) that aim to constrain cosmological parameters through a range of independent techniques. Most notably he has been using weak lensing by large scale structure ("cosmic shear") and the evolution of clusters as a function of redshift. The latter requires more detailed studies of clusters, to which end, Dr. Hoekstra has initiated the Canadian Cluster Comparison Project, with the aim to study the mass distribution of a sample of ~60 X-ray selected galaxy clusters.

### Dean Karlen

Physics & Astronomy  
Phone: (250) 721-6585  
E-mail: karlen@uvic.ca

#### Expertise:

My main field of research is particle physics, specifically the study of electroweak interactions. I am currently involved in a neutrino oscillation experiment in Japan, called T2K. I am also involved in the ARIEL project at TRIUMF, for which a new electron accelerator is being designed/constructed. Our group is building beam diagnostic systems for the accelerator.

<h3>Related Links</h3>

Dr. Karlen's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=17MX6M5qCI4>

## SCIENCE

### **Richard Keeler**

Physics & Astronomy  
Phone: (250) 721-7746  
E-mail: rkeeler@uvic.ca

#### **Expertise:**

High Energy Particle Physics specializing in electroweak interactions.

### **Jody Klymak**

School of Earth & Ocean Sciences  
Physics & Astronomy  
Phone: (250) 472-5969  
E-mail: jklymak@uvic.ca

#### **Expertise:**

Oceanography, Fluid Mechanics, Turbulence, Ocean Circulation, Coastal Oceanography.

### **Julio Navarro**

Professor  
Physics & Astronomy  
Phone: (250) 721-6644  
E-mail: jfn@uvic.ca  
Languages: Spanish, Italian, some French and Portuguese

#### **Expertise:**

- The Formation of Galaxies
- The Nature of Dark Matter and Dark Energy

<h3>Expertise Profile</h3>

The universe is a puzzle still being solved.

As a cosmologist, Dr. Julio Navarro studies this mystery, its origins and its evolution.

His research on galaxy formation and evolution, primarily using sophisticated computer simulations, has shaped our current understanding of how structures in the universe evolved.

Like an archeologist, Dr. Navarro digs through the properties of stars in our galaxy and beyond to work out how these clusters of solar systems first formed.

One of the world's leading astrophysicists, he is especially well known for his work on dark matter, a mysterious substance that holds galaxies together.

In his teaching, Dr. Navarro uses lectures to motivate and inspire his students. Instead of showing how to do complex problems on a chalkboard, he explains why those problems are important to the field of astronomy.

He's the only Canadian member of the Virgo consortium, an international team of astrophysicists who developed the largest computer simulation ever of the structure and evolution of the universe.

In 2011, Dr. Navarro was honoured to be elected a fellow of the Royal Society of Canada for outstanding scholarly

and scientific achievement. The distinction is considered Canada's highest academic accolade.

<h3>Related Links</h3>

Dr. Navarro's Faces of UVic Research video:  
<http://youtu.be/gKrg7wIgYfg>

### **J. Michael Roney**

Physics & Astronomy  
Phone: (250) 721-7705  
E-mail: mroney@uvic.ca

#### **Expertise:**

Experimental Particle Physics: the study of matter and energy at its most fundamental level. What is the universe made of and how do its constituents interact? Questions of the properties of quarks and leptons, the origin of mass, and matter/antimatter differences are some of the research questions I am currently addressing. To do so requires the development of particle detectors, so instrumentation development and experimental design represents another area of research.

## PROTEOMICS

### **Robert Burke**

Biochemistry and Microbiology  
Phone: (250) 721-8928  
E-mail: rburke@uvic.ca

#### **Expertise:**

Cell Biology, Developmental Biology, Cell Signaling,

### **Terry Pearson**

Biochemistry and Microbiology  
**Expertise:**

My expertise is in immunology, molecular parasitology, molecular entomology and protein chemistry. Research is focused on African trypanosomes, the parasites that cause sleeping sickness, and their tsetse fly vectors.

## PURE MATHEMATICS

### **Anthony Quas**

Mathematics & Statistics  
Phone: (250) 721-7463  
E-mail: aquas@uvic.ca  
Languages: French and German

#### **Expertise:**

Dynamical Systems (Chaos Theory)  
Probability



<b>STATISTICS</b>
-------------------

**Olave Krigolson**

Assistant Professor  
 School of Exercise Science, Physical and Health Ed  
 Psychology  
 Medical Sciences

Phone: (250) 721-7843

E-mail: krigolson@uvic.ca

Languages: French, German

**Expertise:**

- Neuroeconomics
- Decision-making
- Motor-learning and control

<h3>Expertise Profile</h3>

Neuroscientist Olav Krigolson wants to understand how we make decisions.

He measures people's brainwaves as they acquire new skills and make choices. With that information, he can see what part of the brain people use when making different types of decisions, such as emotional ones or logical ones. He also seeks to understand how people learn to make the choices they do. "When you make a decision it's usually based on experience, so learning experiences impact the decisions that you make," he says.

Through his research, Dr. Krigolson learns how external factors affect people's decision-making processes: "We're looking at why doctors make the decisions they do and how that changes with experiences and how it changes with fatigue. We can actually show with the brain that people are making poor decisions as fatigue increases because parts of their brain aren't performing the way they should."

Dr. Krigolson says his research has changed the way he teaches. After he assesses them, his students learn where they went wrong and can figure out how to improve. This is why Dr. Krigolson always allows his students to re-do exams. "If one of the goals of his class is to know the lobes of the brain, "he says, "do you really care if it takes students one try or ten? I just want them to know the lobes of the brain."

## &lt;h3&gt;Related links&lt;/h3&gt;

-UVic neuroeconomics laboratory's website:

<http://neuroeconlab.com/>

-Dr. Krigolson's Faces of UVic research video:

[www.youtube.com/watch?v=e6QOXIzWw3s](http://www.youtube.com/watch?v=e6QOXIzWw3s)

**Mary Lesperance**

Mathematics & Statistics

E-mail: mlespera@uvic.ca

**Expertise:**

- Statistical Inference
- Biostatistics
- Statistical Methods for Genomic and Proteomic Data
- Mixture Models
- Industrial Statistics

**Stephen Neville**

Associate Professor

Electrical and Computer Engineering

Phone: (250) 721-6017

E-mail: sneville@ece.uvic.ca

**Expertise:**

- Cyber-security and cyber-privacy
- Large-scale information systems
- Data Science and Big Data
- Industry applied research collaborations

<h3>Expertise Profile</h3>

Reliable, safe and secure -- that's what we expect from our information technology systems. Yet every day we hear stories of system outages, cyber-attacks and privacy breaches.

Dr. Stephen W. Neville is the founding director of the Centre for Advanced Security, Privacy and Information Systems Research (ASPIRe Centre) at the University of Victoria and he aims to change that.

Dr. Neville's research focuses on the engineering of larger-scale software systems and, particularly, understanding and mitigating their resulting cyber-security and cyber-privacy challenges.

In his own Information Security and Privacy Research (InSPiRe) Lab, Dr. Neville analyzes data from industry and government systems and converts that data to knowledge, whether it's simply a better theoretical understanding of how a system works or new ways of engineering a better one.

Modern societies depend on these large-scale information systems in everything from social networking to the higher profile sectors of health care, banking, and critical infrastructure systems.

Real world problems faced by industries and governments inform Dr. Neville's work, including issues of security, privacy, reliability, availability and scalability. As such, much of his work involves collaborations with industry.

In concert with Dr. Thomas E. Darcie, Dr. Neville co-supervises and advises student teams within UVic's recently established Entrepreneurial Engineering Masters Project (EEMP) conducted in partnership with the Alacrity Foundation.

## SCIENCE

EEMP students work with well-established industry leaders to create companies which they will partially own. Dr. Neville's industry experience and applied research focus make him an excellent adviser for the program.

Dr. Neville is a founding member of the Natural Sciences and Engineering Research Council's (NSERC) national cyber-security focused strategic network -- the Interconnected Systems Security Network (ISSNet).

### <h3>Related Links</h3>

InSPiRe research lab: <http://www.inspire.ece.uvic.ca/>

# SOCIAL ISSUES

## DISABILITY/ACCESSIBILITY

### Maureen Bradley

Writing

Phone: (250) 721-6308

E-mail: bradley@uvic.ca

#### Expertise:

Film and Video Production

Screenwriting

Literary Adaptations for the Screen

Dr. Bradley's Faces of UVic Research video:

[http://www.youtube.com/watch?v=P5\\_xLQOJ6GE](http://www.youtube.com/watch?v=P5_xLQOJ6GE)

### Maneesha Deckha

Associate Professor

Faculty of Law

Phone: (250) 519-4717

E-mail: mdeckha@uvic.ca

#### Expertise:

-Reproductive health and health law

-Bioethics

-Law and culture

-Law and Society

-Feminist Legal Theory

-Critical Animal Studies

#### Expertise Profile

Our laws on animals reflect outdated values, says law professor Maneesha Deckha, who explores why the law can be slow to change and how it can move forward.

"Our current laws about animals are as outdated as laws about child labour and women's rights were many years ago," she says. "As a society that claims to care about its weakest members, we need to challenge our thinking about the legal status of animals."

With few exceptions, Canadian law divides all legal entities into persons or property, and it describes animals as property. In other words, we can pamper them, cage them, even kill them, as long we don't cause "unnecessary suffering" while we're doing it.

Professor Deckha believes animals should have an alternative legal status that provides better protection, but does not believe that personhood is an ideal status for animals. "Animals deserve the protection from exploitation personhood provides, but I'm dissatisfied with the personhood model for animals, because it is very much tied to the human form and shape and fits non-human entities poorly," she says.

Professor Deckha's research into animal law springs from her interest in issues such as feminism, anti-racism, and health law and policy. "I'm fascinated with how unjust laws denying personhood for women and other disadvantaged groups changed as societal attitudes shifted.

It seems natural to extend this to the way our laws treat non-humans, or animals."

When Professor Deckha teaches, she uses interactive learning techniques to get students more involved. She often has students take part in role-playing or structured debates that allow them to engage with the material. "It leads to better learning," she says, "because they're immediately processing rather than just transcribing a lecture on their laptops and then looking at their notes two weeks before an exam."

#### Related Links

Professor Deckha's Faces of UVic Research video:

<http://www.youtube.com/watch?v=inGIB6It6lA>

### Nigel Livingston

Centre for Forest Biology

Phone: (250) 721-7121

E-mail: njl@uvic.ca

#### Expertise:

I conduct research on the interaction between trees and their physical environment- specifically, the factors that determine and control carbon exchange and water use.

I conduct research on developing assistive technologies for those with disabilities

### Donna McGhie-Richmond

Educational Psychology & Leadership Studies

Phone: (250) 721-7817

E-mail: donnamr@uvic.ca

#### Expertise:

My research examines the nature of and interrelationship among teacher factors (i.e, knowledge, skills, attitudes, beliefs, and efficacy) and teaching practices and their corresponding influence on student participation and learning outcomes in inclusive classrooms. I have particular experience and interest with students who have significant, complex disabilities and the role of instructional and assistive technologies in supporting student and teacher development. My research extends nationally and internationally and is primarily collaborative.

## SOCIAL ISSUES

### FAMILY/CHILDREN

#### **James Anglin**

Child and Youth Care

Phone: (250) 721-8550

E-mail: janglin@uvic.ca

**Expertise:**

Assessment of Education and Training Needs in Human Services

Parent Education and Parent Support

Qualitative Research Approaches, Grounded Theory

International Child and Youth Care

Residential Child and Youth Care

Quality Assurance in Child and Family Services

Child Advocacy and Youth in Care

#### **Marion Ehrenberg**

Psychology

Phone: (250) 721-8771

E-mail: ehrm@uvic.ca

**Expertise:**

I study families experiencing divorce and other family transitions.

I am particularly interested in the dynamics of cooperation and conflict in divorced families, how parents and children are affected, and what facilitates or compromises healthy adjustment to family transitions.

#### **Karen Kobayashi**

Sociology

Phone: (250) 721-7574

E-mail: kmkobay@uvic.ca

Languages: Japanese

**Expertise:**

Aging

Ethnicity

Health

Family

Mixed Methods in Social Research

#### **Colin Macleod**

Associate Professor

Faculty of Law

Philosophy

Political Science

Phone: (250) 721-7521

E-mail: cmacleod@uvic.ca

**Expertise:**

- Contemporary moral and political philosophy (especially theories of justice, children's rights and democratic ethics)

- Philosophy of law

<h3>Expertise Profile</h3>

For Dr. Colin Macleod, philosophy is as much about connecting to real on the ground problems as it is about debating an idea.

Dr. Macleod conducts research in democratic ethics and theory and examines the responsibilities of the various groups that make up a democratic society - citizens,

politicians, political strategists and the media.

He has extensive knowledge of law and politics, which allows him to comment on the equality and morality of our own democratic system here in Canada.

His hope is to engage his students and society in considering what "justice" really means. How can we create a more just society?

Much of Dr. Macleod's work focuses on children and family justice and children's rights.

One research project looks at justice in the education system. The study considers what access to educational resources - like textbooks and school supplies - children in a just society should have.

Another project considers the place of religion in US public education.

Dr. Macleod is one of the founders of the Consortium on Democratic Constitutionalism (DEMCON) at UVic. The consortium is an interdisciplinary and international group of legal, political and social theorists who work on questions of constitutional theory, design and practice.

Dr. Macleod has published multiple articles and volumes on various subjects including contemporary moral and political philosophy, justice and equality, democratic theory, the nature of law, and children's rights.

<h3>Related Links</h3>

Dr. Macleod's website:

[http://web.uvic.ca/~cmacleod/Colin\\_Macleod/Welcome.html](http://web.uvic.ca/~cmacleod/Colin_Macleod/Welcome.html)

#### **Douglas Magnuson**

Child and Youth Care

Phone: (250) 721-6479

E-mail: dougm@uvic.ca

**Expertise:**

Youth Development

Youth Work

Evaluation Models

Child protection practice

Quantitative and qualitative methods

## Lynne Marks

History

Phone: (250) 721-7392

E-mail: lsmarks@uvic.ca

### Expertise:

- Social history of religion/irreligion
- Canadian history
- Women's/Gender history
- History of social welfare and current issues in social welfare/social policy.

### Expertise Profile

To understand why British Columbians are less religious than the rest of Canada, we need to step back in time to the 19th century.

History professor Dr. Lynne Marks unearths the historical roots of the West Coast's secular behaviour from the 1880s to World War I. In a manuscript she authored, Dr. Marks explores how factors such as ethnic diversity and religious practice in 19th century British Columbia influenced people's perceptions on gender and social class.

To the people of that time, choosing a religion or none impacted the way they understood their lives, she says. Dr. Marks looks at how their choices have shaped our present culture, down to why gay rights don't stir as much uproar in this province as in Ontario.

Dr. Marks has recently begun a new project with Dr. Margaret Little of Queen's department of politics and gender studies that explores the second wave women's movement in Canada from the late 1960s to the 1980s, looking particularly at how different elements of the women's movement perceived issues of motherhood and family.

In class, Dr. Marks refrains from imposing her opinions on the research matter, but rather, facilitates discussion forums so her students can think for themselves and contribute to her area with new insights.

## Tara Ney

Assistant Professor

Human and Social Development

Public Administration

Phone: (250) 721-8199

E-mail: tney@uvic.ca

### Expertise:

Conflict theory, participatory governance mechanisms, restorative justice, discourse theory

## Jason Price

Curriculum and Instruction

Phone: (250) 721-7830

E-mail: jasonp@uvic.ca

### Expertise:

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

## Susan Strega

Professor

School of Social Work

Phone: (250) 721-8333

E-mail: sstrega@uvic.ca

### Expertise:

- Violence against women
- Sex work and the sexual exploitation of children and youth
- Child welfare
- Research practices and methodologies
- Anti-oppressive practices and teaching

### Expertise Profile

Whether she's advocating for parents or children caught up in child protection, or for more resources for street sex workers, Susan Strega does so with a deep sense of social justice.

Dr. Strega is a researcher in the School of Social Work whose current work is investigating the "demand side" of street sex work.

Along with two researchers from the sociology department, Helga Hallgrimsdottir and Steven Garlick, she is conducting face-to-face interviews with a mostly invisible population - male customers of street sex workers.

Their goal is to better understand the relationship between customer behaviour and masculinity, and how relationships between these men and the sex workers they patronize affect the experiences and trajectories of workers.

In a previous project, "Someone's Mother, Sister or Daughter," Dr. Strega and a Social Work research team - including Robina Thomas, Jeannine Carriere, and Leslie Brown - heard from street sex workers, and family members of street sex workers, in Winnipeg, Regina, Calgary and Edmonton about their lives, family relationships, and transitioning into and out of street sex work.

The team also collected and analysed media coverage of street sex work and the families of street sex workers. Among their findings, the team noted that research participants were active in resisting demeaning media

## SOCIAL ISSUES

coverage of workers, and advocated for themselves and other workers and family members.

Previous research projects focused on fathers and child welfare, young mothers in government care, and "failure to protect" practices and policies in child protection.

Dr. Strega's commitment to conducting research in socially just ways led her, with her colleague Leslie Brown, to edit a collection of work on socially just approaches to research, *Research as resistance* (CSPI, 2005). A second edition of this book is forthcoming.

<h3>Related Links</h3>

Dr. Strega's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=KpmhuECIswE>

## GENDER

### Elizabeth Adjin-Tettey

Professor and Associate Dean, Administration and Research

Faculty of Law

Phone: (250) 721-8182

E-mail: [eadjinte@uvic.ca](mailto:eadjinte@uvic.ca)

#### Expertise:

- Torts, specifically personal and fatal injuries
- Critical race and feminist theory
- Effect of laws on marginalized groups and individuals
- Judicial and government responses to claims of institutional abuse, special focus on Indigenous residential school survivors
- Remedies for personal and fatal injuries focusing on issues of inequalities in the assessment of damages for claimants from disadvantaged backgrounds

<h3>Expertise Profile</h3>

The law is not a set of arbitrary rules; it applies to living, breathing human subjects.

Dr. Elizabeth Adjin-Tettey studies how those subjects are sometimes treated differently under the law.

She focuses on marginalized groups such as women, racialized and Indigenous peoples and their treatment in private law cases. Private law refers to cases such as personal injury claims and insurance claims, those not involving the state.

In the case of insurance, Dr. Adjin-Tettey has looked into specific cases of domestic violence where the family home is burnt down and the victim can't claim their insurance because spouses are seen as co-insurers.

In her study of personal injury claims, Dr. Adjin-Tettey focuses on how the courts decide on remedies, which are what the injured party is entitled to as compensation.

One recent project looks at sexual assault claims and how they tend to be treated differently than other personal injury claims. In these cases, sexual assault claims often

result in psychological injury but victims tend to be compensated less compared to those who suffer physical injuries. Why is that and how can it change?

Dr. Adjin-Tettey's research is directly related to the classes she teaches and she often brings in her own work to class.

In the classroom, her mantra is, "Let's not only talk about what the law is but who it affects and whether or not it actually is making a difference in people's lives."

Dr. Adjin-Tettey is the Associate Dean, Administration and Research in the Faculty of Law at the University of Victoria.

### Janni Aragon

Political Science

Phone: (250) 721-8796

E-mail: [DTIL@uvic.ca](mailto:DTIL@uvic.ca)

#### Expertise:

Gender & Politics, American Politics, Feminist Theories and Methodologies (including 3rd Wave Feminisms), Social Movements, Youth and Politics, Pedagogy, and Transnational Feminisms

### Sikata Banerjee

Women's Studies

Phone: (250) 721-6158

E-mail: [sikatab@uvic.ca](mailto:sikatab@uvic.ca)

Languages: Bengali and Hindi

#### Expertise:

- Women and politics
- Gender, nation and war
- Indian politics
- Nationalism
- Masculinity

<h3>Expertise Profile</h3>

Muscular nations impose expected ways of behaving on their men and women, says Dr. Sikata Banerjee.

The professor of women's studies and associate dean of humanities at UVic developed the idea of muscular nationalism, which she describes as a community that imagines itself as strong, muscular and warrior-like.

This vision ultimately shapes the political representation of a nation, affecting decisions on whether money should be spent on war or on schools and hospitals, what material should be taught in school, and who is defined as a good or bad citizen.

Dr. Banerjee specifically focuses on muscular nationalism in India and what it means for the country to prove its strength. She explores these issues further in her latest book, *"Muscular Nationalism: Gender, Violence, and Empire in India and Ireland."*

But her voice reaches out farther than the spine-bound page; her classes are where she circulates her ideas the most, dispelling myths about masculinity and femininity generated by pop culture.

Dr. Banerjee also presents guest lectures on campus; in a 2010 public discussion forum alongside faculty colleague Janni Aragon, she analyzed Stephenie Meyer's *Twilight* character Jacob as a way of studying how minority groups, such as Indigenous men, fit in with the ideal of the muscular man.

Her other area of focus relates to women's issues in India. She is sometimes interviewed by the news media on issues related to this topic, most recently on the verdict that was pronounced in September 2013 against the four men who were convicted of raping and murdering a New Delhi woman.

### Related Links

Dr. Banerjee's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=xw5q0w6pgEU>

### Cecilia Benoit

Professor  
 Centre for Addictions Research of BC  
 Sociology  
*Phone:* (250) 853-3132  
*E-mail:* cbenoit@uvic.ca

#### Expertise:

- Social equity and social justice
- Sex work and social rights
- Midwifery and maternity care
- Substance use
- Stigma and resiliency
- Street-involved youth
- Aboriginal women's health
- Intersectionality

### Expertise Profile

Dr. Cecilia Benoit conducts the kind of research that pulls vulnerable and hidden populations from the shadows of social stigma in British Columbia and across Canada.

The sociologist has worked on projects including the legalization of midwives in Canada since 1993, the health of Aboriginal girls and women in Vancouver's Downtown Eastside, and a HerWay Home program for pregnant women using substances in Victoria - an initiative that provides this group with better access to clinical services and advocates affordable housing.

Dr. Benoit also leads a nation-wide project examining situations where violence arises in the sex industry and the well-being of sex workers in general.

So far, the study has empowered male, female and transgender sex workers to develop resilience against stigma, and the ability to maintain a positive sense of

mental, emotional and physical well-being during times of difficulty and transition.

Dr. Benoit's work on the sex industry is challenging parts of the Criminal Code of Canada and dispelling some of the negative stereotypes the public has about sex workers.

"It's the attitudes and actions of the majority who hold power that has to change," she says. "People are becoming unhealthy because of the views society imposes on them."

Dr. Benoit's direct experience with studying the lives of sex workers shapes the way she approaches her class topics. She brings a more complex and realistic understanding of sex workers who are more diverse and have greater agency than current stereotypes portray.

### Related Links

Dr. Benoit's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=vnT5Mfdw4Jo>

### Laurel Bowman

Assistant Professor  
 Greek and Roman Studies  
*Phone:* (250) 721-8517  
*E-mail:* lbowman@uvic.ca  
*Languages:* Latin, Ancient Greek, French and German  
 (all but French reading only)

#### Expertise:

- Ancient Greek literature, especially tragedy
- Classical mythology in popular culture
- Female-authored Greek poetry
- Ancient Greek literature and world on film
- Modern revisions of Greek literature

### Expertise Profile

If ancient texts weren't still relevant today, we wouldn't be reading them.

The very fact that society still studies ancient Greek literature is proof of its lasting power, says Greek and Roman Studies assistant professor Dr. Laurel Bowman.

Her area of interest lies specifically in Greek tragedy, a genre she says has inspired countless other works of literature, right up to modern day film and television.

Dr. Bowman persistently highlights the role, or lack of one, of women, the construction of gender and the significance of that construction in any text she looks at.

Her most recent research project focuses on a recent translation of Homer's *The Iliad* by poet Alice Oswald. The poem concentrates only on the death scenes and the similes. Dr. Bowman argues that the translation highlights the depths of human sacrifice, torment and loss suffered by the foot-soldiers, and by their families and communities, as a result of the Trojan War.

## SOCIAL ISSUES

Another research project focuses on the myth of the sacrificial virgin and its presence in pop culture, specifically the works of writer/director Joss Whedon of Buffy the Vampire Slayer fame.

She brings her research on Antigone or Electra into the classroom, where her enthusiasm for the subject matter is palpable.

Dr. Bowman's hope is that everyone comes out of her classes with a new filter to look at the stories they read, the films they watch and even the newspapers they pick up.

### <h3>Related Links</h3>

Dr. Bowman's Faces of UVic Research video:  
<http://youtu.be/uBzPM-21Hbc>

### **Maureen Bradley**

Writing

Phone: (250) 721-6308

E-mail: [bradley@uvic.ca](mailto:bradley@uvic.ca)

#### **Expertise:**

- Film and Video Production
- Screenwriting
- Literary Adaptations for the Screen

Dr. Bradley's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=P5\\_xLQOJ6GE](http://www.youtube.com/watch?v=P5_xLQOJ6GE)

### **Thea Cacchioni**

Assistant Professor

Women's Studies

E-mail: [tcacchio@uvic.ca](mailto:tcacchio@uvic.ca)

#### **Expertise:**

- Medicalization and healthification of sex
- Sexual 'function' and 'dysfunction' in women
- Sexual pain
- Heteronormativity

### <h3>Expertise Profile</h3>

Thea Cacchioni is highly recognized for preventing the approval of a failed anti-depressant drug Flibanserin, dubbed pink Viagra, in 2010, after it caused severe 'unsexy' side effects in pre-menopausal women.

Dr. Cacchioni is a sociologist and Women's Studies professor. Her work has mapped the trials and tribulations of the drug company race to find a sexual pharmaceutical for women. She is interested in this case study as an example of the lengths that drug companies will go to in the name of profit, as well as what the language around these drugs tells us about social constructions of gender and sexuality.

According to Dr. Cacchioni, sexuality is far more complex than is imagined by the sexual pharmaceutical industry. Solving sexual problems is going to take more than a blue pill for him and a pink pill for her. She adds that sexual

problems are rarely physiological, internal conditions, but rather interpersonal, social and cultural. A magic bullet pill cannot address these other issues.

Dr. Cacchioni also argues that sexual expectations and norms shift from era to era and culture to culture. She says people should be aware that pharmaceutical companies are increasingly oversimplifying the way we see human sexuality.

In classes at UVic, Dr. Cacchioni examine how science, medicine, and the pharmaceutical industry shape understandings of sex, gender, and sexuality more broadly. Examples include nineteenth century constructions of homosexuality, the systematic surgical alternation of intersex infants in North America, medical gatekeeping around transgender surgeries, debates surrounding the HPV vaccine, and the construction of race in health promotion.

### <h3>Related Links</h3>

Dr. Cacchioni's departmental website:

<http://www.uvic.ca/humanities/women/people/faculty/cacchionithea.php>

### **Robert Dalton**

Curriculum and Instruction

#### **Expertise:**

My research examines the periphery of the art world and examines ways of bringing that into the art curriculum. Those areas include child art, First Nations art and the art of other minority groups, mass media, and outsider art. I am also interested in critical analysis of children's art exhibitions, intergenerational art experiences, and studio pedagogy.

### **Maneesha Deckha**

Associate Professor

Faculty of Law

Phone: (250) 519-4717

E-mail: [mdeckha@uvic.ca](mailto:mdeckha@uvic.ca)

#### **Expertise:**

- Reproductive health and health law
- Bioethics
- Law and culture
- Law and Society
- Feminist Legal Theory
- Critical Animal Studies

### <h3>Expertise Profile</h3>

Our laws on animals reflect outdated values, says law professor Maneesha Deckha, who explores why the law can be slow to change and how it can move forward.

"Our current laws about animals are as outdated as laws about child labour and women's rights were many years ago," she says. "As a society that claims to care about its weakest members, we need to challenge our thinking about the legal status of animals."



With few exceptions, Canadian law divides all legal entities into persons or property, and it describes animals as property. In other words, we can pamper them, cage them, even kill them, as long as we don't cause "unnecessary suffering" while we're doing it.

Professor Deckha believes animals should have an alternative legal status that provides better protection, but does not believe that personhood is an ideal status for animals. "Animals deserve the protection from exploitation personhood provides, but I'm dissatisfied with the personhood model for animals, because it is very much tied to the human form and shape and fits non-human entities poorly," she says.

Professor Deckha's research into animal law springs from her interest in issues such as feminism, anti-racism, and health law and policy. "I'm fascinated with how unjust laws denying personhood for women and other disadvantaged groups changed as societal attitudes shifted. It seems natural to extend this to the way our laws treat non-humans, or animals."

When Professor Deckha teaches, she uses interactive learning techniques to get students more involved. She often has students take part in role-playing or structured debates that allow them to engage with the material. "It leads to better learning," she says, "because they're immediately processing rather than just transcribing a lecture on their laptops and then looking at their notes two weeks before an exam."

### <h3>Related Links</h3>

Professor Deckha's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=inGIb6It6IA>

### **Aaron Devor**

Professor  
 Sociology  
 Libraries, Archives  
 Libraries, Special Collections  
 Phone: (250) 721-7577

E-mail: [ahdevor@uvic.ca](mailto:ahdevor@uvic.ca)

#### **Expertise:**

- Gender Variance and Diversity
- Sexuality and Sexual Diversity
- Transgender Experience Across the Life Course
- Transsexualism
- Lesbian, Gay, Bisexual, Transgender and Queer Movements for Social Change
- The Life of Reed Erickson and the Impact of the Erickson Educational Foundation

### <h3>Expertise Profile</h3>

Transgendered people are among the most discriminated-against people in the world today, says sociologist Aaron Devor.

Even though society is becoming increasingly welcoming

toward transgendered people, many of them continue to face verbal and physical abuse, and even murder. In many countries, there are no laws that protect transgender people against discrimination.

Dr. Devor studies how society perceives transgendered individuals, and what contributes to making it safer for them to express their identities. He is an author of the "Standards of Care" published by the World Professional Association for Transgendered Health. Devor explains that "It's a very important document because it specifies the appropriate and most beneficial way to treat people who come to health care professionals for assistance in changing their gender."

In his classes, he includes content about transgender people to emphasize that they are part of the spectrum of humanity: "I make sure," he says, "that people remember there are many different genders."

Dr. Devor is also the founder and academic director of the world's largest archival collection of documents recording the history of research and activism concerning transgendered people. He says that the Transgender Archives collection is promoting a positive future for transgendered individuals: "To thrive, people need to know their history and to be able to tell their stories with dignity and pride."

The archives, which are located at UVic, contain works from over 17 countries spanning more than 50 years of activism and 100 years of research and include enough material to fill a shelf the length of a football field.

### <h3>Related Links</h3>

- Aaron Devor's Faces of UVic Research video:  
[www.youtube.com/watch?v=kuv5rUUmFqY](http://www.youtube.com/watch?v=kuv5rUUmFqY)
- The Transgender Archives website:  
[www.transgenderarchives.uvic.ca/](http://www.transgenderarchives.uvic.ca/)
- The Transgender Archives Facebook page:  
[www.facebook.com/UVicTransArchives](http://www.facebook.com/UVicTransArchives)
- The Transgender Archives: Foundations for the Future pdf:  
[www.uvic.ca/library/about/ul/publications/Devor\\_Foundations\\_for\\_the\\_Future.pdf](http://www.uvic.ca/library/about/ul/publications/Devor_Foundations_for_the_Future.pdf)

## SOCIAL ISSUES

### **Timothy Hopper**

Assistant Professor  
School of Exercise Science, Physical and Health Ed  
Elementary Teacher Education  
Secondary Teacher Education  
*Phone:* (250) 721-8385  
*E-mail:* thopper@uvic.ca

#### **Expertise:**

My research interests divide into three main areas:

E-portfolios and teacher education program renewal  
Socialization in physical education teacher education  
School Integrated Teacher Education  
Teaching Games for Understanding

### **Karen Kobayashi**

Sociology  
*Phone:* (250) 721-7574  
*E-mail:* kmkobay@uvic.ca  
*Languages:* Japanese

#### **Expertise:**

Aging  
Ethnicity  
Health  
Family  
Mixed Methods in Social Research

### **Lynne Marks**

History  
*Phone:* (250) 721-7392  
*E-mail:* lsmarks@uvic.ca

#### **Expertise:**

- Social history of religion/irreligion
- Canadian history
- Women's/Gender history
- History of social welfare and current issues in social welfare/social policy.

#### **Expertise Profile**

To understand why British Columbians are less religious than the rest of Canada, we need to step back in time to the 19th century.

History professor Dr. Lynne Marks unearths the historical roots of the West Coast's secular behaviour from the 1880s to World War I. In a manuscript she authored, Dr. Marks explores how factors such as ethnic diversity and religious practice in 19th century British Columbia influenced people's perceptions on gender and social class.

To the people of that time, choosing a religion or none impacted the way they understood their lives, she says. Dr. Marks looks at how their choices have shaped our present culture, down to why gay rights don't stir as much uproar in this province as in Ontario.

Dr. Marks has recently begun a new project with Dr. Margaret Little of Queen's department of politics and gender studies that explores the second wave women's

movement in Canada from the late 1960s to the 1980s, looking particularly at how different elements of the women's movement perceived issues of motherhood and family.

In class, Dr. Marks refrains from imposing her opinions on the research matter, but rather, facilitates discussion forums so her students can think for themselves and contribute to her area with new insights.

### **Carol McDonald**

School of Nursing  
*Phone:* (250) 472-5280  
*E-mail:* carolmcd@uvic.ca

#### **Expertise:**

Research interests with lesbian women and in particular the intersection of multiple oppressions experienced as heterosexism/ageism/ableism in health and social services.

### **Graham McDonough**

Curriculum and Instruction  
*Phone:* (250) 721-7779  
*E-mail:* gpmcd@uvic.ca

#### **Expertise:**

- Philosophy of Education
- Moral Education
- Dissent
- Minority Rights
- Religious Education and Catholic Education
- Religion/Spirituality in Schools
- Philosophy in High Schools

#### **Expertise Profile**

You can express disagreement on an issue while remaining part of the larger group with which you disagree, says Dr. Graham McDonough.

The philosophy of education professor studies dissent - how we treat the people who speak out against the popular views of society or groups within it, and in a way that benefits other minority members who are oppressed by the majority group.

Specifically, Dr. McDonough looks at dissent in the context of religious education in publicly-funded Catholic schools. Some Catholic students and parents in these schools experience frustration because the church disapproves of artificial contraception and considers homosexuality "disordered." Others perceive a lack of support when their complaints that the school is "not Catholic enough" seem to have no impact.

His book, *Beyond Obedience and Abandonment: Toward a Theory of Dissent in Catholic Education*, further explores these inner conflicts and challenges 21st-century Catholic schools to provide more support for dissenting views. Doing so will overcome the limitations of thinking that there is only one way to be Catholic.

"I would love to see more examples of diversity within religious groups or in any group generally so that one spokesperson who has a lot of control doesn't necessarily speak for everybody," he says.

Dr. McDonough likes to "put the experience before the theory" when teaching the philosophy of education. Students engage in role-playing and then discuss the merits, contributions and treatment of the minority view.

### **Catherine McGregor**

Educational Psychology & Leadership Studies

Phone: (250) 721-7757

E-mail: edadgr@uvic.ca

#### **Expertise:**

My doctoral work illustrated the connections between civic agency, aesthetic production and social/civic change among youth in a northern BC community. I am currently a collaborator with Dr. Wanda Cassidy (SFU Centre for Education, Law and Society) in a project designed to extend our understandings of how youth develop civic and legal literacies. This project will explore a range of youth civic activities in both Victoria and Vancouver.

I have extended this field of inquiry into teacher education, exploring the relationships between pre-service teacher beliefs about agency, civic and social justice learning, school/community based learning, aesthetic and technological production practices, and its intersection with notions of teacher leadership, and democratic inclusion. Discourse theory, sociocultural learning theory, critical pedagogies and practices, and semiotic analysis inform this work.

I am also interested in gender and leadership; democratic and social justice leadership; and the relationships between leadership and educational policy. In particular, I focus on how policy environments are products of social, cultural, historical and political discourses, and consider how deconstructing social, cultural and institutional norms and expectations provide opportunities for educational policy makers and teacher leaders to create more inclusive, socially just schools and communities.

In the field of research methodology, my work fits within the qualitative, interpretive, post modern/post structuralist paradigm; I am most interested in auto-ethnographic, narrative, and critical ethnography, as well as aesthetic forms of research and representation.

### **Mehmoona Moosa-Mitha**

Dr.

School of Social Work

Phone: (250) 721-8041

E-mail: mehmoona@uvic.ca

Languages: Gujarati and Swahili

#### **Expertise:**

Citizenship Rights of Children  
Social Policy Development in Relation to Marginalised Children  
Anti-Racist Feminist Theorisation and Analysis  
Child Welfare Social Work Practice

### **Laura Parisi**

Associate Professor

Women's Studies

Phone: (250) 472-4277

E-mail: lparisi@uvic.ca

#### **Expertise:**

- Gender and international human rights
- International development
- Globalization studies
- Transnational activism
- Feminist methodology

#### <h3>Expertise Profile</h3>

If you look at who is the most poor in the world, it is women, whether they live in a developing country such as Zambia, or in Canada, says Dr. Laura Parisi.

Dr. Parisi is a women's studies professor and political scientist who studies gender and international human rights, international development, and globalization. She is working on two projects that examine the impact of current trends in international development policy on the achievement of gender equality.

The first, partnered with the Victoria International Development Education Association, looks at how changes in international development funding are affecting women's human rights organizations in southern Africa.

"Many human rights organizations in these countries have lost 70-80 per cent of their funding to do their projects, and some have actually closed," says Dr. Parisi.

Programs being impacted include those that support girls going to school, and those that promote an end to childhood marriage. Other long-term programs at risk include violence reduction and decreasing maternal mortality rates.

"In every country, including Canada, poverty is the biggest obstacle to achieving gender, racial and sexual equality," she says.

Dr. Parisi's second project looks at globally accepted strategies, or gender mainstreaming practices, for

## SOCIAL ISSUES

promoting gender equality. She looks at how the widespread policies of these practices influences or constrains those of human rights organizations around the world.

Dr. Parisi has worked with the UN as a researcher and activist, giving behind-the-scenes experience to her students who learn everything from activist skills to policy-making. Through her classes, they also get to understand where, as citizens, they fit into the economy and politics.

### <h3>Related Links</h3>

Dr. Parisi's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=C1JvZfYw4IE>

Dr. Parisi's departmental website:  
<http://www.uvic.ca/humanities/women/people/faculty/parisilaura.php>

### **Helen Raptis**

Associate Professor  
Curriculum and Instruction

*Phone:* (250) 472-5076

*E-mail:* [hraptis@uvic.ca](mailto:hraptis@uvic.ca)

*Languages:* French, Spanish and Greek

#### **Expertise:**

- Intersection of government policy and minority learners
- Social and historical foundations of education in British Columbia
- Multicultural and anti-racist education
- School effectiveness and school improvement
- Examination of two generations of Tsimshian learners (from the Terrace region) to understand how government policies of segregation and integration shaped their schooling and their adulthood.

### <h3>Expertise Profile</h3>

Residential schools represent part of the story in understanding education and Indigenous communities, says Dr. Helen Raptis.

The professor in Curriculum and Instruction studies the history of education, specifically the intersection of minority learners and formal education systems.

Looking at the period from 1900-1969, Dr. Raptis has determined that more Indigenous students attended on-reserve day schools than residential schools.

She is contributing to a fuller story on Indigenous communities by examining how Aboriginal children transitioned from Aboriginal day schools to public schools.

In a recent project, Dr. Raptis collected narratives from two generations of Tsimshian learners to see how government policies of segregation and integration impacted their schooling and transition to adulthood.

Her findings enabled both the elders and their offspring to know more about each other and their own communities. It also showed that day schools were less benign than historians have previously thought.

Understanding the history of education can help us avoid the pitfalls of the past and enable learners of all genders, race, and culture to succeed at school, she says. Her research may even help us understand why the high school graduation rate for Aboriginal students is around 60 per cent.

Dr. Raptis's background in government consulting and teaching prior to becoming a professor gives her a multi-faceted approach to delivering classes.

In addition to her work with Indigenous communities, Dr. Raptis is also working on an interactive website, The Educational Heritage Museum, to enhance the learning and teaching of education history. The project is a partnership with Lower Vancouver Island Retired Teachers and UVic's Faculty of Education.

### <h3>Related Links</h3>

Dr. Raptis' Faces of UVic Research video:  
[http://www.youtube.com/watch?v=tWMf2n\\_LvPQ](http://www.youtube.com/watch?v=tWMf2n_LvPQ)

The Education Heritage Museum website:  
[www.educationheritage.ca](http://www.educationheritage.ca)

### **Stephen Ross**

Associate Professor  
English

*Phone:* (250) 721-7237

*E-mail:* [saross@uvic.ca](mailto:saross@uvic.ca)

*Languages:* French

#### **Expertise:**

- Modernism
- The novel
- Modern British literature
- Literary and critical theory
- Psychoanalysis
- Marxism
- Globalisation

### <h3>Expertise Profile</h3>

Dr. Stephen Ross is pushing modernist studies out in new directions.

He is a founding co-director of the Modernist Versions Project (MVP), which is based in the Maker Lab at the University of Victoria.

The MVP aims to spark an interest in differing versions of the same text by making available multiple online versions of early 20th-century literary novels and other texts. From the MVP website these can be studied, searched, and compared.

This unique method of analyzing literature makes it possible to find variations that would be almost impossible to find without a computer.

With different versions of, for example, James Joyce's *Ulysses*, Dr. Ross can make connections between when a version was published and the kinds of cultural changes that were happening at that time.

Modernism itself closely mirrors cultural change, as it is characterized by experimentation and a self-conscious break with traditional styles.

Dr. Ross is currently serving as general editor of the Routledge Encyclopedia of Modernism online. It will feature entries on all aspects of modernism across the arts, across time, and around the world.

Still a work-in-progress, the encyclopedia will let you sort, organize and discover information in new and exciting ways.

Dr. Ross teaches in the Department of English and in the Interdisciplinary Program in Cultural, Social and Political Thought. He also gives a community lecture on the English ghost story.

He finds teaching and public speaking to be excellent ways of bringing his work directly to the public, showing them where it's going and why it's important.

### **Susan Strega**

Professor  
School of Social Work  
*Phone:* (250) 721-8333  
*E-mail:* sstrega@uvic.ca

#### **Expertise:**

- Violence against women
- Sex work and the sexual exploitation of children and youth
- Child welfare
- Research practices and methodologies
- Anti-oppressive practices and teaching

#### **Expertise Profile**

Whether she's advocating for parents or children caught up in child protection, or for more resources for street sex workers, Susan Strega does so with a deep sense of social justice.

Dr. Strega is a researcher in the School of Social Work whose current work is investigating the "demand side" of street sex work.

Along with two researchers from the sociology department, Helga Hallgrimsdottir and Steven Garlick, she is conducting face-to-face interviews with a mostly invisible population - male customers of street sex

workers.

Their goal is to better understand the relationship between customer behaviour and masculinity, and how relationships between these men and the sex workers they patronize affect the experiences and trajectories of workers.

In a previous project, "Someone's Mother, Sister or Daughter," Dr. Strega and a Social Work research team - including Robina Thomas, Jeannine Carriere, and Leslie Brown - heard from street sex workers, and family members of street sex workers, in Winnipeg, Regina, Calgary and Edmonton about their lives, family relationships, and transitioning into and out of street sex work.

The team also collected and analysed media coverage of street sex work and the families of street sex workers. Among their findings, the team noted that research participants were active in resisting demeaning media coverage of workers, and advocated for themselves and other workers and family members.

Previous research projects focused on fathers and child welfare, young mothers in government care, and "failure to protect" practices and policies in child protection.

Dr. Strega's commitment to conducting research in socially just ways led her, with her colleague Leslie Brown, to edit a collection of work on socially just approaches to research, *Research as resistance* (CSPI, 2005). A second edition of this book is forthcoming.

#### **Related Links**

Dr. Strega's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=KPMhuEClswE>

## **HUMAN RIGHTS**

### **James Anglin**

Child and Youth Care  
*Phone:* (250) 721-8550  
*E-mail:* janglin@uvic.ca

#### **Expertise:**

Assessment of Education and Training Needs in Human Services  
Parent Education and Parent Support  
Qualitative Research Approaches, Grounded Theory  
International Child and Youth Care  
Residential Child and Youth Care  
Quality Assurance in Child and Family Services  
Child Advocacy and Youth in Care

## SOCIAL ISSUES

### **Jeffrey Ansloos**

Assistant Professor and Registered Psychologist  
Human and Social Development  
Child and Youth Care

Centre for Youth and Society

Phone: (250) 721-7990

E-mail: ansloos@uvic.ca

Languages: Basic conversational proficiency in French and Spanish

#### **Expertise:**

Narrative and Arts-Based Research  
Youth engagement in public policy development  
Indigenous youth mental health  
Indigenous rights  
Identity-based conflict, violence prevention, and peace-building  
Ethics of violence, nonviolence, and reconciliation  
Youth activism and social movements  
Youth migration, displacement, and resettlement  
Refugee mental health policy in the Middle East and North Africa

### **Jeff Corntassel**

Indigenous Governance Program  
Political Science

Phone: (250) 721-6440

E-mail: ctassel@uvic.ca

Languages: Tsalagi (Cherokee)

#### **Expertise:**

Global Indigenous Rights  
Indigenous governance  
Self-Determination  
Decolonization movements  
Indigenous Political Mobilization  
International Law/Organizations

### **Aaron Devor**

Professor

Sociology

Libraries, Archives

Libraries, Special Collections

Phone: (250) 721-7577

E-mail: ahdevor@uvic.ca

#### **Expertise:**

-Gender Variance and Diversity  
-Sexuality and Sexual Diversity  
-Transgender Experience Across the Life Course  
-Transsexualism  
-Lesbian, Gay, Bisexual, Transgender and Queer Movements for Social Change  
-The Life of Reed Erickson and the Impact of the Erickson Educational Foundation  
<h3>Expertise Profile</h3>  
Transgendered people are among the most discriminated-against people in the world today, says sociologist Aaron Devor.

Even though society is becoming increasingly welcoming toward transgendered people, many of them continue to

face verbal and physical abuse, and even murder. In many countries, there are no laws that protect transgender people against discrimination.

Dr. Devor studies how society perceives transgendered individuals, and what contributes to making it safer for them to express their identities. He is an author of the "Standards of Care" published by the World Professional Association for Transgendered Health. Devor explains that "It's a very important document because it specifies the appropriate and most beneficial way to treat people who come to health care professionals for assistance in changing their gender."

In his classes, he includes content about transgender people to emphasize that they are part of the spectrum of humanity: "I make sure," he says, "that people remember there are many different genders."

Dr. Devor is also the founder and academic director of the world's largest archival collection of documents recording the history of research and activism concerning transgendered people. He says that the Transgender Archives collection is promoting a positive future for transgendered individuals: "To thrive, people need to know their history and to be able to tell their stories with dignity and pride."

The archives, which are located at UVic, contain works from over 17 countries spanning more than 50 years of activism and 100 years of research and include enough material to fill a shelf the length of a football field.

#### **<h3>Related Links</h3>**

-Aaron Devor's Faces of UVic Research video:

[www.youtube.com/watch?v=kuv5rUUmFqY](http://www.youtube.com/watch?v=kuv5rUUmFqY)

-The Transgender Archives website:

[www.transgenderarchives.uvic.ca/](http://www.transgenderarchives.uvic.ca/)

-The Transgender Archives Facebook page:

[www.facebook.com/UVicTransArchives](http://www.facebook.com/UVicTransArchives)

-The Transgender Archives: Foundations for the Future pdf:

[www.uvic.ca/library/about/ul/publications/Devor\\_Foundations\\_for\\_the\\_Future.pdf](http://www.uvic.ca/library/about/ul/publications/Devor_Foundations_for_the_Future.pdf)

### **Cindy Holder**

Associate Professor

Philosophy

Indigenous Governance Program

E-mail: clholder@uvic.ca

Languages: French

#### **Expertise:**

-human rights  
-international law  
-group rights (including the right to culture and indigenous peoples' rights)  
-transitional justice (including truth commissions and international criminal law)  
-Metaethical and normative ethical theories

-public policy ethics

Dr. Cindy Holder researches and teaches the philosophy of international law, focusing on human rights and transitions from gross and systematic human rights violations. She questions what makes international law binding and how international law is and should be applied by national political communities.

### <h3>Related Links</h3>

Dr. Holder's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=ol\\_eajPjSkk](http://www.youtube.com/watch?v=ol_eajPjSkk)

### **Mehmoona Moosa-Mitha**

Dr.  
 School of Social Work  
 Phone: (250) 721-8041  
 E-mail: mehmoona@uvic.ca  
 Languages: Gujarati and Swahili

#### **Expertise:**

Citizenship Rights of Children  
 Social Policy Development in Relation to Marginalised Children  
 Anti-Racist Feminist Theorisation and Analysis  
 Child Welfare Social Work Practice

### **Laura Parisi**

Associate Professor  
 Women's Studies  
 Phone: (250) 472-4277  
 E-mail: lparisi@uvic.ca

#### **Expertise:**

- Gender and international human rights
- International development
- Globalization studies
- Transnational activism
- Feminist methodology

### <h3>Expertise Profile</h3>

If you look at who is the most poor in the world, it is women, whether they live in a developing country such as Zambia, or in Canada, says Dr. Laura Parisi.

Dr. Parisi is a women's studies professor and political scientist who studies gender and international human rights, international development, and globalization. She is working on two projects that examine the impact of current trends in international development policy on the achievement of gender equality.

The first, partnered with the Victoria International Development Education Association, looks at how changes in international development funding are affecting women's human rights organizations in southern Africa.

"Many human rights organizations in these countries have

lost 70-80 per cent of their funding to do their projects, and some have actually closed," says Dr. Parisi.

Programs being impacted include those that support girls going to school, and those that promote an end to childhood marriage. Other long-term programs at risk include violence reduction and decreasing maternal mortality rates.

"In every country, including Canada, poverty is the biggest obstacle to achieving gender, racial and sexual equality," she says.

Dr. Parisi's second project looks at globally accepted strategies, or gender mainstreaming practices, for promoting gender equality. She looks at how the widespread policies of these practices influences or constrains those of human rights organizations around the world.

Dr. Parisi has worked with the UN as a researcher and activist, giving behind-the-scenes experience to her students who learn everything from activist skills to policy-making. Through her classes, they also get to understand where, as citizens, they fit into the economy and politics.

### <h3>Related Links</h3>

Dr. Parisi's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=C1JvZfYw4IE>

Dr. Parisi's departmental website:  
<http://www.uvic.ca/humanities/women/people/faculty/parisilaura.php>

### **Jason Price**

Curriculum and Instruction  
 Phone: (250) 721-7830  
 E-mail: jasonp@uvic.ca

#### **Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

### **Lincoln Shlensky**

English  
 Phone: (250) 721-6206  
 E-mail: shlensky@uvic.ca  
 Languages: French, Hebrew, Spanish

#### **Expertise:**

I conduct research in the areas of international and American cinema studies and film, postcolonialism, cultural studies, and Holocaust studies. My research interests and background are described in greater detail at [www.shlensky.com](http://www.shlensky.com).

## SOCIAL ISSUES

### **Helga Thorson**

Associate Professor  
Germanic and Slavic Studies  
*Phone:* (250) 721-7320  
*E-mail:* helgat@uvic.ca  
*Languages:* German  
**Expertise:**

- Late 19th- and early 20th-century German and Austrian literature and cultural studies
- Scandinavian Studies
- Holocaust studies

<h3>Expertise Profile</h3>

Dr. Helga Thorson is the co-founder of the I-witness Holocaust Field School at the University of Victoria, the only course of its kind offered to undergraduate students in a Canadian university.

The unique field school explores how the memories and history of the Holocaust have been preserved at historical sites, museums and monuments in central Europe, and helps build an understanding of how the lessons of that time are relevant today.

Dr. Thorson and two former field school participants have launched a "Local Stories of the Holocaust" archive, a collection point for local life stories of individuals who experienced the Holocaust directly.

Whether she is bringing in a Holocaust survivor to speak in one of her classes or having students present their work to the community for a class on Vienna 1900, Dr. Thorson is committed to connecting students to the community at large. She makes every effort to include a hands-on and experiential learning dimension in all her courses.

Her other research concentrates on Austrian modernist literature, with a specific focus on issues of gender and Jewish identity.

Together with a colleague from Ottawa, Dr. Thorson is working on a manuscript focusing on middle-class women's movements in the Habsburg Monarchy in the late 19th century and early 20th century.

<h3>Related Links</h3>

Dr. Thorson's Faces of UVic Research video:  
<http://youtu.be/FO4WhnTBD5w>

## IMMIGRATION/MULTICULTURALISM

### **Elizabeth Adjin-Tettey**

Professor and Associate Dean, Administration and Research  
Faculty of Law  
*Phone:* (250) 721-8182  
*E-mail:* eadjinte@uvic.ca  
**Expertise:**

- Torts, specifically personal and fatal injuries
- Critical race and feminist theory
- Effect of laws on marginalized groups and individuals
- Judicial and government responses to claims of institutional abuse, special focus on Indigenous residential school survivors
- Remedies for personal and fatal injuries focusing on issues of inequalities in the assessment of damages for claimants from disadvantaged backgrounds

<h3>Expertise Profile</h3>

The law is not a set of arbitrary rules; it applies to living, breathing human subjects.

Dr. Elizabeth Adjin-Tettey studies how those subjects are sometimes treated differently under the law.

She focuses on marginalized groups such as women, racialized and Indigenous peoples and their treatment in private law cases. Private law refers to cases such as personal injury claims and insurance claims, those not involving the state.

In the case of insurance, Dr. Adjin-Tettey has looked into specific cases of domestic violence where the family home is burnt down and the victim can't claim their insurance because spouses are seen as co-insurers.

In her study of personal injury claims, Dr. Adjin-Tettey focuses on how the courts decide on remedies, which are what the injured party is entitled to as compensation.

One recent project looks at sexual assault claims and how they tend to be treated differently than other personal injury claims. In these cases, sexual assault claims often result in psychological injury but victims tend to be compensated less compared to those who suffer physical injuries. Why is that and how can it change?

Dr. Adjin-Tettey's research is directly related to the classes she teaches and she often brings in her own work to class.

In the classroom, her mantra is, "Let's not only talk about what the law is but who it affects and whether or not it actually is making a difference in people's lives."

Dr. Adjin-Tettey is the Associate Dean, Administration and Research in the Faculty of Law at the University of Victoria.



**Jeffrey Ansloos**

Assistant Professor and Registered Psychologist  
 Human and Social Development  
 Child and Youth Care  
 Centre for Youth and Society  
*Phone:* (250) 721-7990  
*E-mail:* ansloos@uvic.ca  
*Languages:* Basic conversational proficiency in French and Spanish

**Expertise:**

Narrative and Arts-Based Research  
 Youth engagement in public policy development  
 Indigenous youth mental health  
 Indigenous rights  
 Identity-based conflict, violence prevention, and peace-building  
 Ethics of violence, nonviolence, and reconciliation  
 Youth activism and social movements  
 Youth migration, displacement, and resettlement  
 Refugee mental health policy in the Middle East and North Africa

**Maneesha Deckha**

Associate Professor  
 Faculty of Law  
*Phone:* (250) 519-4717  
*E-mail:* mdeckha@uvic.ca

**Expertise:**

- Reproductive health and health law
- Bioethics
- Law and culture
- Law and Society
- Feminist Legal Theory
- Critical Animal Studies

**Expertise Profile**

Our laws on animals reflect outdated values, says law professor Maneesha Deckha, who explores why the law can be slow to change and how it can move forward.

"Our current laws about animals are as outdated as laws about child labour and women's rights were many years ago," she says. "As a society that claims to care about its weakest members, we need to challenge our thinking about the legal status of animals."

With few exceptions, Canadian law divides all legal entities into persons or property, and it describes animals as property. In other words, we can pamper them, cage them, even kill them, as long as we don't cause "unnecessary suffering" while we're doing it.

Professor Deckha believes animals should have an alternative legal status that provides better protection, but does not believe that personhood is an ideal status for animals. "Animals deserve the protection from exploitation personhood provides, but I'm dissatisfied with the personhood model for animals, because it is very much tied to the human form and shape and fits

non-human entities poorly," she says.

Professor Deckha's research into animal law springs from her interest in issues such as feminism, anti-racism, and health law and policy. "I'm fascinated with how unjust laws denying personhood for women and other disadvantaged groups changed as societal attitudes shifted. It seems natural to extend this to the way our laws treat non-humans, or animals."

When Professor Deckha teaches, she uses interactive learning techniques to get students more involved. She often has students take part in role-playing or structured debates that allow them to engage with the material. "It leads to better learning," she says, "because they're immediately processing rather than just transcribing a lecture on their laptops and then looking at their notes two weeks before an exam."

**Related Links**

Professor Deckha's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=inG1B6It61A>

**Cindy Holder**

Associate Professor  
 Philosophy  
 Indigenous Governance Program  
*E-mail:* clholder@uvic.ca  
*Languages:* French

**Expertise:**

- human rights
- international law
- group rights (including the right to culture and indigenous peoples' rights)
- transitional justice (including truth commissions and international criminal law)
- Metaethical and normative ethical theories
- public policy ethics

Dr. Cindy Holder researches and teaches the philosophy of international law, focusing on human rights and transitions from gross and systematic human rights violations. She questions what makes international law binding and how international law is and should be applied by national political communities.

**Related Links**

Dr. Holder's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=ol\\_eajPjSkk](http://www.youtube.com/watch?v=ol_eajPjSkk)

## SOCIAL ISSUES

### **Karen Kobayashi**

Sociology

Phone: (250) 721-7574

E-mail: kmkobay@uvic.ca

Languages: Japanese

#### **Expertise:**

Aging

Ethnicity

Health

Family

Mixed Methods in Social Research

### **Helen Raptis**

Associate Professor

Curriculum and Instruction

Phone: (250) 472-5076

E-mail: hraptis@uvic.ca

Languages: French, Spanish and Greek

#### **Expertise:**

- Intersection of government policy and minority learners
- Social and historical foundations of education in British Columbia
- Multicultural and anti-racist education
- School effectiveness and school improvement
- Examination of two generations of Tsimshian learners (from the Terrace region) to understand how government policies of segregation and integration shaped their schooling and their adulthood.

#### **Expertise Profile**

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The professor in Curriculum and Instruction studies the history of education, specifically the intersection of minority learners and formal education systems.

Looking at the period from 1900-1969, Dr. Raptis has determined that more Indigenous students attended on-reserve day schools than residential schools.

She is contributing to a fuller story on Indigenous communities by examining how Aboriginal children transitioned from Aboriginal day schools to public schools.

In a recent project, Dr. Raptis collected narratives from two generations of Tsimshian learners to see how government policies of segregation and integration impacted their schooling and transition to adulthood.

Her findings enabled both the elders and their offspring to know more about each other and their own communities. It also showed that day schools were less benign than historians have previously thought.

Understanding the history of education can help us avoid the pitfalls of the past and enable learners of all genders,

race, and culture to succeed at school, she says. Her research may even help us understand why the high school graduation rate for Aboriginal students is around 60 per cent.

Dr. Raptis's background in government consulting and teaching prior to becoming a professor gives her a multi-faceted approach to delivering classes.

In addition to her work with Indigenous communities, Dr. Raptis is also working on an interactive website, The Educational Heritage Museum, to enhance the learning and teaching of education history. The project is a partnership with Lower Vancouver Island Retired Teachers and UVic's Faculty of Education.

#### **Related Links**

Dr. Raptis' Faces of UVic Research video:

[http://www.youtube.com/watch?v=tWMf2n\\_LvPQ](http://www.youtube.com/watch?v=tWMf2n_LvPQ)

The Education Heritage Museum website:

[www.educationheritage.ca](http://www.educationheritage.ca)

### **Oliver Schmidtke**

Political Science

History

Phone: (250) 721-7490

E-mail: ofs@uvic.ca

Languages: German, French, Italian and Polish

#### **Expertise:**

- Comparative European politics
- Political sociology of immigration and ethnic conflict
- European integration
- Role of identities
- Collective memory in modern societies

### **Herbert Schuetze**

Economics

Phone: (250) 721-8541

E-mail: hschuetz@uvic.ca

#### **Expertise:**

My primary areas of research interest are labour economics, public economics and micro econometrics. In particular, my research to this point has focused on issues linked to self-employment. The topics I have examined include: taxes and economic conditions as possible determinants of the recent rise in self-employment, the dynamics of self-employment and male-female differences, the degree of income tax non-compliance by the self-employed and the labour market impacts of short spells in self-employment.

**Rosalie Starzomski**

School of Nursing  
*E-mail:* rosestar@uvic.ca

**Expertise:**

Organ Donation  
 Transplantation  
 Nephrology Nursing  
 Ethno-Cultural Attitudes and Beliefs About Organ Donation  
 Nursing Ethics

Biotechnology  
 Social and Ethical Implications of Genetic Testing  
 Health Care Ethics  
 Nursing Ethics  
 Health Policy  
 Advanced Nursing Practice  
 Community Involvement in Health Care Decision Making

**James Tully**

Distinguished Professor  
 Political Science  
 Faculty of Law  
 Philosophy

**Expertise:**

Political Theory  
 Democratic and Legal Theory  
 Canadian Constitutionalism  
 Indigenous Peoples

**Jeremy Webber**

Dean of Law  
 Faculty of Law  
*Phone:* (250) 721-8147  
*E-mail:* lawdean@uvic.ca  
*Languages:* French

**Expertise:**

Constitutional Law  
 Constitutional Theory  
 Legal Philosophy  
 Nationalism  
 Cultural Difference

<h3>Related Links</h3>

Dr. Webber's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=1nwXb-Mokr8>

**NATIVE AND ABORIGINAL CANADIANS****Jeffrey Ansloos**

Assistant Professor and Registered Psychologist  
 Human and Social Development  
 Child and Youth Care  
 Centre for Youth and Society  
*Phone:* (250) 721-7990  
*E-mail:* ansloos@uvic.ca

*Languages:* Basic conversational proficiency in French and Spanish

**Expertise:**

Narrative and Arts-Based Research  
 Youth engagement in public policy development  
 Indigenous youth mental health  
 Indigenous rights  
 Identity-based conflict, violence prevention, and peace-building  
 Ethics of violence, nonviolence, and reconciliation  
 Youth activism and social movements  
 Youth migration, displacement, and resettlement  
 Refugee mental health policy in the Middle East and North Africa

**Jeff Corntassel**

Indigenous Governance Program  
 Political Science  
*Phone:* (250) 721-6440  
*E-mail:* ctassel@uvic.ca

*Languages:* Tsalagi (Cherokee)

**Expertise:**

Global Indigenous Rights  
 Indigenous governance  
 Self-Determination  
 Decolonization movements  
 Indigenous Political Mobilization  
 International Law/Organizations

**Ewa Czaykowska-Higgins**

Associate Professor  
 Linguistics  
*Phone:* (250) 721-7271  
*E-mail:* eczh@uvic.ca  
*Languages:* Polish, French

**Expertise:**

-Phonology, Morphology, and Syntax of Salish languages  
 -Developing web-accessible Nxa'amxcin dictionary and database-  
 -Collaborative, community based work in linguistics and language revitalization of Indigenous languages  
 <h3>Expertise Profile</h3>  
 Linguist Ewa Czaykowska-Higgins is a theoretical phonologist who is interested in the building blocks of sounds; she studies how sounds function when we organize them into words and sentences.

Currently, she studies the sounds of Nxa'amxcin, one of 23 Salish languages spoken by Indigenous communities in coastal BC and Washington State. Like most Salish

## SOCIAL ISSUES

languages, Nxa'amxcin is going through language loss because community members predominately speak English in their homes.

"When you lose a language," she says, "you lose the soul of a culture, because people express themselves in language."

By studying Nxa'amxcin sounds and intonations, Dr. Czaykowska-Higgins contributes to description and documentation of the language. She's currently compiling a dictionary and online database of Nxa'amxcin words, using material recorded Dale Kinkade in the 1960s and through her own research. As part of the project, Dr. Czaykowska-Higgins works with community members to determine how best to represent sounds through written symbols, a task which is particularly difficult when there isn't an equivalent sound in English. When she's finished, Salish communities and linguists will be able to use the dictionary and database to increase their knowledge of, and their ability to speak, Nxa'amxcin.

Dr. Czaykowska-Higgins regularly shares her research with her students at UVic. In her theoretical phonology course, she shows students how languages assign stress patterns to words by using Nxa'amxcin as an example. She admires Nxa'amxcin because of its beauty: "I like to bring examples to class that are complex, to show students the mystery of language and how human beings use it."

### <h3>Related Links</h3>

Dr. Czaykowska-Higgins' Faces of UVic Research video:  
<http://www.youtube.com/watch?v=IA-zg71sBgA>

### **Christopher Darimont**

Hakai-Raincoast Conservation Scholar  
Geography  
*E-mail:* darimont@uvic.ca

#### **Expertise:**

<h3>Research Description</h3>

Chris Darimont is an interdisciplinary conservation scientist who applies natural and social science tools to confront conservation problems that are both conceptually interesting and acutely applied. Although Chris and his fledgling lab group have broad scholarly interests, they maintain three primary research domains: i) landscape ecology at the marine-terrestrial interface, ii) conservation biology of harvest management, and iii) conservation ethics.

<h3>Expertise Profile</h3>

The wildlife and people of the central coast of British Columbia – an area popularly known as the Great Bear Rainforest – comprise a study system of particular interest. While this geographic focus invokes a strong

sense of place, the research is designed to have a global reach.

Chris' interdisciplinary roots can be traced to broad training and a wide network of collaborators. After earning a PhD in Evolution and Ecology from the University of Victoria, his postdoctoral work took him to the University of California, Santa Cruz, and a large group of research partners – conservation leaders from First Nations communities of coastal British Columbia. He maintains these important relationships, which guide his research interests. Although many conceive these collaborations as opportunities to develop the capacity of First Nations, Chris views them as prospects to develop his own capacity as an applied scholar. Finally, much of Dr. Darimont's development can be traced to his long-term affiliation with the science-based eNGO Raincoast Conservation Foundation, having served as its Director of Science.

This background has cultivated in Chris a sense of responsibility to engage in outreach. His work is commonly featured in high-profile media (e.g., National Geographic television, New York Times).

### <h3>Related Links</h3>

<http://www.web.uvic.ca/~darimont/>

<http://geography.uvic.ca/people/faculty/darimont.php>

TWITTER@chrisdarimont

### **Budd Hall**

Public Administration  
*Phone:* (250) 721-8062  
*E-mail:* bhall@uvic.ca  
*Languages:* French, Spanish and Kiswahili

#### **Expertise:**

Participatory Research, Community-Based Research,  
Social Movement Learning  
Adult Education  
Global Civil Society  
Poetry and Social Movements

### **Cindy Holder**

Associate Professor  
Philosophy  
Indigenous Governance Program  
*E-mail:* clholder@uvic.ca  
*Languages:* French

#### **Expertise:**

-human rights  
-international law  
-group rights (including the right to culture and indigenous peoples' rights)  
-transitional justice (including truth commissions and international criminal law)  
-Metaethical and normative ethical theories  
-public policy ethics

Dr. Cindy Holder researches and teaches the philosophy of international law, focusing on human rights and transitions from gross and systematic human rights violations. She questions what makes international law binding and how international law is and should be applied by national political communities.

### Related Links

Dr. Holder's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=ol\\_eajPjSkk](http://www.youtube.com/watch?v=ol_eajPjSkk)

### Peter Jacobs

Assistant Professor  
 Linguistics  
*E-mail:* pejacobs@uvic.ca  
**Expertise:**

- Research on all aspects of Skwxwu7mesh (including phonetics, phonology, syntax and semantics, and pragmatics)
- Research on all aspects of Kwakw'ala (including phonetics, phonology, syntax and semantics, and pragmatics)
- Specialization in Indigenous language revitalization
- Master-apprentice programs

### Expertise Profile

First Nations languages in Canada are part of an international movement in Indigenous language revitalization after years of declining use. New ways of teaching these languages is becoming increasingly important.

Dr. Jacobs is a linguist and language revitalization expert: his 20-year career, in his own Skwxwu7mesh (Squamish) First Nations community and now at the University of Victoria, is guided by his commitment to Indigenous language revitalization.

Over his 20 year tenure working in the Squamish community, Dr. Jacobs proudly acted as editor-in-chief and collaborated with community members to publish a learner friendly bilingual Squamish-English dictionary.

He is currently researching models for Indigenous adults learning their own languages as adults, with particular focus on master-apprentice programs. Instead of traditional classroom learning, these programs see a younger adult paired with an elder for a year or two and taught the language through immersion.

He teaches in the Graduate Certificate and Master's program in Indigenous Language Revitalization, which enables students to develop the skills to create and lead successful language projects in their communities.

Growing up belonging to two First Nations communities - Skwxwu7mesh and Kwagulh (from Fort Rupert) - Dr.

Jacobs was always taught lessons through stories. He hopes this unique perspective to learning can be brought to his teaching here at UVic.

As language revitalization efforts continue to grow, Dr. Jacobs is interested in measuring the outcomes to bring more attention to the need for language revitalization teaching in Canada.

### Related Links

Dr. Jacobs's Linguistics Department profile:  
<http://web.uvic.ca/ling/faculty/jacobs.htm>

### Jason Price

Curriculum and Instruction  
*Phone:* (250) 721-7830  
*E-mail:* jasonp@uvic.ca  
**Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

### Helen Raptis

Associate Professor  
 Curriculum and Instruction  
*Phone:* (250) 472-5076  
*E-mail:* hraptis@uvic.ca  
*Languages:* French, Spanish and Greek  
**Expertise:**

- Intersection of government policy and minority learners
- Social and historical foundations of education in British Columbia
- Multicultural and anti-racist education
- School effectiveness and school improvement
- Examination of two generations of Tsimshian learners (from the Terrace region) to understand how government policies of segregation and integration shaped their schooling and their adulthood.

### Expertise Profile

Residential schools represent part of the story in understanding education and Indigenous communities, says Dr. Helen Raptis.

The professor in Curriculum and Instruction studies the history of education, specifically the intersection of minority learners and formal education systems.

Looking at the period from 1900-1969, Dr. Raptis has determined that more Indigenous students attended on-reserve day schools than residential schools.

She is contributing to a fuller story on Indigenous communities by examining how Aboriginal children transitioned from Aboriginal day schools to public schools.

In a recent project, Dr. Raptis collected narratives from

## SOCIAL ISSUES

two generations of Tsimshian learners to see how government policies of segregation and integration impacted their schooling and transition to adulthood.

Her findings enabled both the elders and their offspring to know more about each other and their own communities. It also showed that day schools were less benign than historians have previously thought.

Understanding the history of education can help us avoid the pitfalls of the past and enable learners of all genders, race, and culture to succeed at school, she says. Her research may even help us understand why the high school graduation rate for Aboriginal students is around 60 per cent.

Dr. Raptis's background in government consulting and teaching prior to becoming a professor gives her a multi-faceted approach to delivering classes.

In addition to her work with Indigenous communities, Dr. Raptis is also working on an interactive website, The Educational Heritage Museum, to enhance the learning and teaching of education history. The project is a partnership with Lower Vancouver Island Retired Teachers and UVic's Faculty of Education.

### <h3>Related Links</h3>

Dr. Raptis' Faces of UVic Research video:  
[http://www.youtube.com/watch?v=tWMf2n\\_LvPQ](http://www.youtube.com/watch?v=tWMf2n_LvPQ)

The Education Heritage Museum website:  
[www.educationheritage.ca](http://www.educationheritage.ca)

### **Brian Thom**

Associate Professor  
Anthropology  
*E-mail:* bthom@uvic.ca

#### **Expertise:**

- ethnographic mapping
- modern-day treaty negotiations
- Place, place names, political ontology
- Aboriginal rights, title and governance
- Indigenous Peoples, Coast Salish
- Applying anthropology to public policy

### <h3>Expertise Profile</h3>

Dr. Brian Thom has worked for over 15 years in British Columbia as a researcher, senior adviser and negotiator for Coast Salish Indigenous communities involved in land claims.

Much of this work has been in the BC Treaty Process, where Dr. Thom worked with First Nations groups in the negotiation room itself.

He has supported their efforts to establish new governance institutions, to resolve long-standing disputes about land

title, and to promote the recognition of Aboriginal and Indigenous rights.

Dr. Thom's work has also taken him to the Inter-American Commission on Human Rights where Hul'qumi'num leaders have sought international intervention in their claims.

At the heart of his research is an effort to find places of reconciliation of state power and colonial settlement with the ongoing presence of Coast Salish peoples on the land.

Dr. Thom's research has highlighted examples of how this may be done, such as the successful co-management parks, and through employing collaborative and long-term research to document Indigenous land use and territoriality.

He continues to work on these issues, most recently partnering with Google to develop tools and training for Indigenous mapping projects.

### <h3>Related Links</h3>

Dr. Thom's Faces of UVic Research  
<https://www.youtube.com/watch?v=cZDL3IuUu4>

UVic's Ethnographic Mapping Lab  
<http://ethnographicmapping.uvic.ca>

### **Robina Thomas**

School of Social Work  
*Phone:* (250) 472-4877  
*E-mail:* robinat@uvic.ca

#### **Expertise:**

- First Nations Issues
- Residential Schools
- Storytelling
- Anti-Racism

### **James Tully**

Distinguished Professor  
Political Science  
Faculty of Law  
Philosophy

#### **Expertise:**

- Political Theory
- Democratic and Legal Theory
- Canadian Constitutionalism
- Indigenous Peoples

**Suzanne Urbanczyk**

Linguistics

Phone: (250) 721-7431

E-mail: urbansu@uvic.ca

**Expertise:**

Research on word-formation of Salish languages.

**Andrea Walsh**

Anthropology

Phone: (250) 721-7050

E-mail: awalsh@uvic.ca

**Expertise:**

- Visual culture studies including film, photography and art
- Contemporary 20th-century Aboriginal art from North America
- Space and place and Aboriginal peoples

**Expertise Profile**

Dr. Andrea Walsh wears two hats as an academic.

She is both a visual artist and a visual anthropologist. She approaches anthropology from a visual perspective, exploring what it means as humans to make images while also making art of her own.

Currently Dr. Walsh is working in collaboration with Dr. Paulette Regan of the Truth and Reconciliation Commission on a collection of paintings done by Indigenous students at the Port Alberni Residential School.

The collection of paintings was part of a gift to the University of Victoria Art Collections by Robert Aller, the art teacher at the time they were produced.

Dr. Walsh's university team spent two years working with elders from Coast Salish communities to find the artists or their families. Roughly half of the paintings have been traced back to their creators and will be returned to them.

Since 2000, Dr. Walsh has also worked with the Osoyoos Indian Band and the Osoyoos Museum Society to research and document a collection of 1930s and 1940s Okanagan children's art from the Inkameep Day School.

Dr. Walsh and her team are now reaching out to an estimated 1,000 institutions across Canada to see what other artwork may have survived from the era of Canada's residential school system.

She hopes that uncovering art from this period can play a role in understanding the history of residential schools. Dr. Walsh explains that images like these can be used in unique ways to help us see each other differently and perhaps better understand each other's past and contemporary lives.

At UVic, Dr. Walsh runs a Coast Salish artist-in-residence

program. Every year she invites a different resident artist into her anthropology of art classes so her students learn not only through dialogue but also through actual art practice.

As an artist, Dr. Walsh works in printmaking, photography and video.

**Jeremy Webber**

Dean of Law

Faculty of Law

Phone: (250) 721-8147

E-mail: lawdean@uvic.ca

Languages: French

**Expertise:**

- Constitutional Law
- Constitutional Theory
- Legal Philosophy
- Nationalism
- Cultural Difference

**Related Links**

Dr. Webber's Faces of UVic Research video:

<http://www.youtube.com/watch?v=1nwXb-Mokr8>

**RACE AND ETHNIC RELATIONS****Elizabeth Adjin-Tetty**

Professor and Associate Dean, Administration and Research

Faculty of Law

Phone: (250) 721-8182

E-mail: eadjinte@uvic.ca

**Expertise:**

- Torts, specifically personal and fatal injuries
- Critical race and feminist theory
- Effect of laws on marginalized groups and individuals
- Judicial and government responses to claims of institutional abuse, special focus on Indigenous residential school survivors
- Remedies for personal and fatal injuries focusing on issues of inequalities in the assessment of damages for claimants from disadvantaged backgrounds

**Expertise Profile**

The law is not a set of arbitrary rules; it applies to living, breathing human subjects.

Dr. Elizabeth Adjin-Tetty studies how those subjects are sometimes treated differently under the law.

She focuses on marginalized groups such as women, racialized and Indigenous peoples and their treatment in private law cases. Private law refers to cases such as personal injury claims and insurance claims, those not involving the state.

In the case of insurance, Dr. Adjin-Tetty has looked into specific cases of domestic violence where the family home is burnt down and the victim can't claim their insurance because spouses are seen as co-insurers.

## SOCIAL ISSUES

In her study of personal injury claims, Dr. Adjin-Tetty focuses on how the courts decide on remedies, which are what the injured party is entitled to as compensation.

One recent project looks at sexual assault claims and how they tend to be treated differently than other personal injury claims. In these cases, sexual assault claims often result in psychological injury but victims tend to be compensated less compared to those who suffer physical injuries. Why is that and how can it change?

Dr. Adjin-Tetty's research is directly related to the classes she teaches and she often brings in her own work to class.

In the classroom, her mantra is, "Let's not only talk about what the law is but who it affects and whether or not it actually is making a difference in people's lives."

Dr. Adjin-Tetty is the Associate Dean, Administration and Research in the Faculty of Law at the University of Victoria.

### Jeffrey Ansloos

Assistant Professor and Registered Psychologist  
Human and Social Development  
Child and Youth Care  
Centre for Youth and Society

Phone: (250) 721-7990

E-mail: ansloos@uvic.ca

Languages: Basic conversational proficiency in French and Spanish

#### Expertise:

Narrative and Arts-Based Research  
Youth engagement in public policy development  
Indigenous youth mental health  
Indigenous rights  
Identity-based conflict, violence prevention, and peace-building  
Ethics of violence, nonviolence, and reconciliation  
Youth activism and social movements  
Youth migration, displacement, and resettlement  
Refugee mental health policy in the Middle East and North Africa

### Robert Dalton

Curriculum and Instruction

#### Expertise:

My research examines the periphery of the art world and examines ways of bringing that into the art curriculum. Those areas include child art, First Nations art and the art of other minority groups, mass media, and outsider art. I am also interested in critical analysis of children's art exhibitions, intergenerational art experiences, and studio pedagogy.

### Maneesha Deckha

Associate Professor

Faculty of Law

Phone: (250) 519-4717

E-mail: mdeckha@uvic.ca

#### Expertise:

- Reproductive health and health law
- Bioethics
- Law and culture
- Law and Society
- Feminist Legal Theory
- Critical Animal Studies

#### Expertise Profile

Our laws on animals reflect outdated values, says law professor Maneesha Deckha, who explores why the law can be slow to change and how it can move forward.

"Our current laws about animals are as outdated as laws about child labour and women's rights were many years ago," she says. "As a society that claims to care about its weakest members, we need to challenge our thinking about the legal status of animals."

With few exceptions, Canadian law divides all legal entities into persons or property, and it describes animals as property. In other words, we can pamper them, cage them, even kill them, as long as we don't cause "unnecessary suffering" while we're doing it.

Professor Deckha believes animals should have an alternative legal status that provides better protection, but does not believe that personhood is an ideal status for animals. "Animals deserve the protection from exploitation personhood provides, but I'm dissatisfied with the personhood model for animals, because it is very much tied to the human form and shape and fits non-human entities poorly," she says.

Professor Deckha's research into animal law springs from her interest in issues such as feminism, anti-racism, and health law and policy. "I'm fascinated with how unjust laws denying personhood for women and other disadvantaged groups changed as societal attitudes shifted. It seems natural to extend this to the way our laws treat non-humans, or animals."

When Professor Deckha teaches, she uses interactive learning techniques to get students more involved. She often has students take part in role-playing or structured debates that allow them to engage with the material. "It leads to better learning," she says, "because they're immediately processing rather than just transcribing a lecture on their laptops and then looking at their notes two weeks before an exam."

#### Related Links

Professor Deckha's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=inGIB6It6lA>



**Budd Hall**

Public Administration  
 Phone: (250) 721-8062  
 E-mail: bhall@uvic.ca

Languages: French, Spanish and Kiswahili

**Expertise:**

Participatory Research, Community-Based Research,  
 Social Movement Learning  
 Adult Education  
 Global Civil Society  
 Poetry and Social Movements

**Karen Kobayashi**

Sociology  
 Phone: (250) 721-7574  
 E-mail: kmkobay@uvic.ca  
 Languages: Japanese

**Expertise:**

Aging  
 Ethnicity  
 Health  
 Family  
 Mixed Methods in Social Research

**Jason Price**

Curriculum and Instruction  
 Phone: (250) 721-7830  
 E-mail: jasonp@uvic.ca

**Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

**Helen Raptis**

Associate Professor  
 Curriculum and Instruction  
 Phone: (250) 472-5076  
 E-mail: hraptis@uvic.ca  
 Languages: French, Spanish and Greek

**Expertise:**

- Intersection of government policy and minority learners
- Social and historical foundations of education in British Columbia
- Multicultural and anti-racist education
- School effectiveness and school improvement
- Examination of two generations of Tsimshian learners (from the Terrace region) to understand how government policies of segregation and integration shaped their schooling and their adulthood.

**Expertise Profile**

Residential schools represent part of the story in understanding education and Indigenous communities, says Dr. Helen Raptis.

The professor in Curriculum and Instruction studies the

history of education, specifically the intersection of minority learners and formal education systems.

Looking at the period from 1900-1969, Dr. Raptis has determined that more Indigenous students attended on-reserve day schools than residential schools.

She is contributing to a fuller story on Indigenous communities by examining how Aboriginal children transitioned from Aboriginal day schools to public schools.

In a recent project, Dr. Raptis collected narratives from two generations of Tsimshian learners to see how government policies of segregation and integration impacted their schooling and transition to adulthood.

Her findings enabled both the elders and their offspring to know more about each other and their own communities. It also showed that day schools were less benign than historians have previously thought.

Understanding the history of education can help us avoid the pitfalls of the past and enable learners of all genders, race, and culture to succeed at school, she says. Her research may even help us understand why the high school graduation rate for Aboriginal students is around 60 per cent.

Dr. Raptis's background in government consulting and teaching prior to becoming a professor gives her a multi-faceted approach to delivering classes.

In addition to her work with Indigenous communities, Dr. Raptis is also working on an interactive website, The Educational Heritage Museum, to enhance the learning and teaching of education history. The project is a partnership with Lower Vancouver Island Retired Teachers and UVic's Faculty of Education.

**Related Links**

Dr. Raptis' Faces of UVic Research video:  
[http://www.youtube.com/watch?v=tWMf2n\\_LvPQ](http://www.youtube.com/watch?v=tWMf2n_LvPQ)

The Education Heritage Museum website:  
[www.educationheritage.ca](http://www.educationheritage.ca)

## SOCIAL ISSUES

### **Oliver Schmidtke**

Political Science

History

Phone: (250) 721-7490

E-mail: ofs@uvic.ca

Languages: German, French, Italian and Polish

#### **Expertise:**

Comparative European politics  
Political sociology of immigration and ethnic conflict  
European integration  
Role of identities  
Collective memory in modern societies

### **Lincoln Shlensky**

English

Phone: (250) 721-6206

E-mail: shlensky@uvic.ca

Languages: French, Hebrew, Spanish

#### **Expertise:**

I conduct research in the areas of international and American cinema studies and film, postcolonialism, cultural studies, and Holocaust studies. My research interests and background are described in greater detail at [www.shlensky.com](http://www.shlensky.com).

### **Scott Watson**

Associate Professor and Graduate Advisor

Political Science

Phone: (250) 472-4715

E-mail: sdwatson@uvic.ca

#### **Expertise:**

-International Security  
-Migration  
-Refugees  
-Securitisation Theory

#### **<h3>Expertise Profile</h3>**

When boatloads of Tamil refugees arrived in Victoria's harbour in 2010, it elicited some angry responses. People feared--despite the lack of evidence--that the asylum-seekers were part of an illegal Tamil organization that used violent techniques to fight for an independent state.

A general fear is that people entering the country without documentation will participate in crimes such as human trafficking, says political scientist Scott Watson, who adds that these concerns can undermine the aspirations of people genuinely seeking safety: "Even though it's important to prevent crimes like human trafficking, we also need to be aware of how our efforts can undermine humanitarian protection for people in real need of assistance."

Dr. Watson is an expert in international security and the national response to humanitarian crises. He studies how countries such as Canada, the US and Australia respond to the arrival of asylum-seekers during forced migration crises.

Dr. Watson brings awareness of human refugee migration issues to UVic by having students complete projects on refugee movements and by participating in the World University Services of Canada's (WUSC) campus refugee services. Through WUSC, UVic students sponsor three to four refugees every year to study at UVic. Once they arrive, Dr. Watson and participating students help them find housing and a social network so they can adjust to life in Canada.

#### **<h3>Related links</h3>**

Scott Watson's Faces of UVic Research

video:<https://www.youtube.com/watch?v=BhiX-8ZRMNE>

## **SENIORS**

### **Neena Chappell**

Professor

Sociology

Aging, Centre on

#### **Expertise:**

- Informal and formal caregiving
- Care for people with dementia
- Drug policies
- Cross-cultural comparisons with Chinese society
- Quality of community-based home and residential care
- Canadian health care system

#### **<h3>Expertise Profile</h3>**

By 2020, fully 25 per cent of Canada's population will be over the age of 60.

For sociologist Dr. Neena Chappell, this isn't new.

Over the last 35 years, Dr. Chappell has been a leader in gerontological research, focusing on issues around aging, care giving and health and social policy.

She is internationally known for her work on home care, supporting the case for government expansion in this area to provide more efficient and appropriate health care for an aging society. In her upcoming book on the subject, Dr. Chappell argues that not only would such a system benefit older adults, but it could also be cost effective.

Dr. Chappell has done groundbreaking research on the extent and importance of informal support for seniors, including several cross-national studies on family provision of care to older adults when their health deteriorates.

Of particular interest to her are attitudes and beliefs towards providing care, among Chinese communities in Canada, Hong Kong and mainland China, as well as among Canadians.

She has established two world-class university-based

research centres on aging, one at the University of Manitoba and one here at the University of Victoria.

In her research and in the classroom, Dr. Chappell argues for recognition of the positive aspects of aging as well as recognition of the problems and challenges. Her students see much of her research and she is always bringing in a story or two from the field.

Dr. Chappell has been the Canada Research Chair in Social Gerontology since 2001 and is currently immediate past-president of the Canadian Association on Gerontology and President, Academy II (Social Sciences) of the Royal Society of Canada.

### <h3>Related Links</h3>

Dr. Chappell's Faces of UVic Research video:  
<http://youtu.be/wlJjHJ4XJao>

### **Karen Kobayashi**

Sociology

Phone: (250) 721-7574

E-mail: [kmkobay@uvic.ca](mailto:kmkobay@uvic.ca)

Languages: Japanese

#### **Expertise:**

Aging  
 Ethnicity  
 Health  
 Family  
 Mixed Methods in Social Research

### **Carol McDonald**

School of Nursing

Phone: (250) 472-5280

E-mail: [carolmcd@uvic.ca](mailto:carolmcd@uvic.ca)

#### **Expertise:**

Research interests with lesbian women and in particular the intersection of multiple oppressions experienced as heterosexism/ageism/ableism in health and social services.

### **Debra Sheets**

School of Nursing

Phone: (250) 853-3947

E-mail: [dsheets@uvic.ca](mailto:dsheets@uvic.ca)

#### **Expertise:**

gerontology, geriatric nursing, healthy aging, creativity and quality of life, aging with physical disability, family caregiving, end and evaluation

## SEXUAL DIVERSITY

### **Maureen Bradley**

Writing

Phone: (250) 721-6308

E-mail: [bradley@uvic.ca](mailto:bradley@uvic.ca)

#### **Expertise:**

Film and Video Production  
 Screenwriting  
 Literary Adaptations for the Screen

Dr. Bradley's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=P5\\_xLQOJ6GE](http://www.youtube.com/watch?v=P5_xLQOJ6GE)

### **Thea Cacchioni**

Assistant Professor

Women's Studies

E-mail: [tcacchio@uvic.ca](mailto:tcacchio@uvic.ca)

#### **Expertise:**

- Medicalization and healthification of sex
- Sexual 'function' and 'dysfunction' in women
- Sexual pain
- Heteronormativity

#### <h3>Expertise Profile</h3>

Thea Cacchioni is highly recognized for preventing the approval of a failed anti-depressant drug Flibanserin, dubbed pink Viagra, in 2010, after it caused severe 'unsexy' side effects in pre-menopausal women.

Dr. Cacchioni is a sociologist and Women's Studies professor. Her work has mapped the trials and tribulations of the drug company race to find a sexual pharmaceutical for women. She is interested in this case study as an example of the lengths that drug companies will go to in the name of profit, as well as what the language around these drugs tells us about social constructions of gender and sexuality.

According to Dr. Cacchioni, sexuality is far more complex than is imagined by the sexual pharmaceutical industry. Solving sexual problems is going to take more than a blue pill for him and a pink pill for her. She adds that sexual problems are rarely physiological, internal conditions, but rather interpersonal, social and cultural. A magic bullet pill cannot address these other issues.

Dr. Cacchioni also argues that sexual expectations and norms shift from era to era and culture to culture. She says people should be aware that pharmaceutical companies are increasingly oversimplifying the way we see human sexuality.

In classes at UVic, Dr. Cacchioni examine how science, medicine, and the pharmaceutical industry shape understandings of sex, gender, and sexuality more broadly. Examples include nineteenth century constructions of homosexuality, the systematic surgical alternation of intersex infants in North America, medical gatekeeping around transgender surgeries, debates

## SOCIAL ISSUES

surrounding the HPV vaccine, and the construction of race in health promotion.

### <h3>Related Links</h3>

Dr. Cacchioni's departmental website:

<http://www.uvic.ca/humanities/women/people/faculty/cacchionithea.php>

### **Aaron Devor**

Professor

Sociology

Libraries, Archives

Libraries, Special Collections

Phone: (250) 721-7577

E-mail: [ahdevor@uvic.ca](mailto:ahdevor@uvic.ca)

### **Expertise:**

- Gender Variance and Diversity
- Sexuality and Sexual Diversity
- Transgender Experience Across the Life Course
- Transsexualism
- Lesbian, Gay, Bisexual, Transgender and Queer Movements for Social Change
- The Life of Reed Erickson and the Impact of the Erickson Educational Foundation

### <h3>Expertise Profile</h3>

Transgendered people are among the most discriminated-against people in the world today, says sociologist Aaron Devor.

Even though society is becoming increasingly welcoming toward transgendered people, many of them continue to face verbal and physical abuse, and even murder. In many countries, there are no laws that protect transgender people against discrimination.

Dr. Devor studies how society perceives transgendered individuals, and what contributes to making it safer for them to express their identities. He is an author of the "Standards of Care" published by the World Professional Association for Transgendered Health. Devor explains that "It's a very important document because it specifies the appropriate and most beneficial way to treat people who come to health care professionals for assistance in changing their gender."

In his classes, he includes content about transgender people to emphasize that they are part of the spectrum of humanity: "I make sure," he says, "that people remember there are many different genders."

Dr. Devor is also the founder and academic director of the world's largest archival collection of documents recording the history of research and activism concerning transgendered people. He says that the Transgender Archives collection is promoting a positive future for transgendered individuals: "To thrive, people need to know their history and to be able to tell their stories with dignity and pride."

The archives, which are located at UVic, contain works from over 17 countries spanning more than 50 years of activism and 100 years of research and include enough material to fill a shelf the length of a football field.

### <h3>Related Links</h3>

-Aaron Devor's Faces of UVic Research video:

[www.youtube.com/watch?v=kuv5rUUmFqY](http://www.youtube.com/watch?v=kuv5rUUmFqY)

-The Transgender Archives website:

[www.transgenderarchives.uvic.ca/](http://www.transgenderarchives.uvic.ca/)

-The Transgender Archives Facebook page:

[www.facebook.com/UVicTransArchives](http://www.facebook.com/UVicTransArchives)

-The Transgender Archives: Foundations for the Future pdf:

[www.uvic.ca/library/about/ul/publications/Devor\\_Foundations\\_for\\_the\\_Future.pdf](http://www.uvic.ca/library/about/ul/publications/Devor_Foundations_for_the_Future.pdf)

### **Carol McDonald**

School of Nursing

Phone: (250) 472-5280

E-mail: [carolmcd@uvic.ca](mailto:carolmcd@uvic.ca)

### **Expertise:**

Research interests with lesbian women and in particular the intersection of multiple oppressions experienced as heterosexism/ageism/ableism in health and social services.

### **Graham McDonough**

Curriculum and Instruction

Phone: (250) 721-7779

E-mail: [gpmcd@uvic.ca](mailto:gpmcd@uvic.ca)

### **Expertise:**

- Philosophy of Education
- Moral Education
- Dissent
- Minority Rights
- Religious Education and Catholic Education
- Religion/Spirituality in Schools
- Philosophy in High Schools

### <h3>Expertise Profile</h3>

You can express disagreement on an issue while remaining part of the larger group with which you disagree, says Dr. Graham McDonough.

The philosophy of education professor studies dissent - how we treat the people who speak out against the popular views of society or groups within it, and in a way that benefits other minority members who are oppressed by the majority group.

Specifically, Dr. McDonough looks at dissent in the context of religious education in publicly-funded Catholic schools. Some Catholic students and parents in these schools experience frustration because the church disapproves of artificial contraception and considers homosexuality "disordered." Others perceive a lack of support when their complaints that the school is "not Catholic enough" seem to have no impact.

His book, *Beyond Obedience and Abandonment: Toward a Theory of Dissent in Catholic Education*, further explores these inner conflicts and challenges 21st-century Catholic schools to provide more support for dissenting views. Doing so will overcome the limitations of thinking that there is only one way to be Catholic.

"I would love to see more examples of diversity within religious groups or in any group generally so that one spokesperson who has a lot of control doesn't necessarily speak for everybody," he says.

Dr. McDonough likes to "put the experience before the theory" when teaching the philosophy of education. Students engage in role-playing and then discuss the merits, contributions and treatment of the minority view.

## SOCIAL SCIENCES

### ADULTHOOD AND AGING

#### Neena Chappell

Professor

Sociology

Aging, Centre on

#### Expertise:

- Informal and formal caregiving
  - Care for people with dementia
  - Drug policies
  - Cross-cultural comparisons with Chinese society
  - Quality of community-based home and residential care
  - Canadian health care system
- <h3>Expertise Profile</h3>  
By 2020, fully 25 per cent of Canada's population will be over the age of 60.

For sociologist Dr. Neena Chappell, this isn't new.

Over the last 35 years, Dr. Chappell has been a leader in gerontological research, focusing on issues around aging, care giving and health and social policy.

She is internationally known for her work on home care, supporting the case for government expansion in this area to provide more efficient and appropriate health care for an aging society. In her upcoming book on the subject, Dr. Chappell argues that not only would such a system benefit older adults, but it could also be cost effective.

Dr. Chappell has done groundbreaking research on the extent and importance of informal support for seniors, including several cross-national studies on family provision of care to older adults when their health deteriorates.

Of particular interest to her are attitudes and beliefs towards providing care, among Chinese communities in Canada, Hong Kong and mainland China, as well as among Canadians.

She has established two world-class university-based research centres on aging, one at the University of Manitoba and one here at the University of Victoria.

In her research and in the classroom, Dr. Chappell argues for recognition of the positive aspects of aging as well as recognition of the problems and challenges. Her students see much of her research and she is always bringing in a story or two from the field.

Dr. Chappell has been the Canada Research Chair in Social Gerontology since 2001 and is currently immediate past-president of the Canadian Association on Gerontology and President, Academy II (Social Sciences) of the Royal Society of Canada.

<h3>Related Links</h3>

Dr. Chappell's Faces of Uvic Research video:  
<http://youtu.be/wlJjHJ4XJao>

#### Budd Hall

Public Administration

Phone: (250) 721-8062

E-mail: [bhall@uvic.ca](mailto:bhall@uvic.ca)

Languages: French, Spanish and Kiswahili

#### Expertise:

Participatory Research, Community-Based Research,  
Social Movement Learning  
Adult Education  
Global Civil Society  
Poetry and Social Movements

#### Karen Kobayashi

Sociology

Phone: (250) 721-7574

E-mail: [kmkobay@uvic.ca](mailto:kmkobay@uvic.ca)

Languages: Japanese

#### Expertise:

Aging  
Ethnicity  
Health  
Family  
Mixed Methods in Social Research

#### Catherine Mateer

Psychology

E-mail: [cmateer@uvic.ca](mailto:cmateer@uvic.ca)

#### Expertise:

Clinical Neuropsychology  
Assessment of Cognitive Abilities  
Neuropsychological Rehabilitation  
Attention

#### Debra Sheets

School of Nursing

Phone: (250) 853-3947

E-mail: [dsheets@uvic.ca](mailto:dsheets@uvic.ca)

#### Expertise:

gerontology, geriatric nursing, healthy aging, creativity and quality of life, aging with physical disability, family caregiving, end and evaluation

**ANTHROPOLOGY****Alexandrine Boudreault-Fournier**

Assistant Professor

Anthropology

Phone: (250) 721-7052

E-mail: alexbf@uvic.ca

Languages: Spanish, French

**Expertise:**

- Visual anthropologist producing films and installations
- Music and sound
- Visual and media arts
- Music
- Music, youth and politics in Cuba

**Expertise Profile**

Alexandrine Boudreault-Fournier is a visual anthropologist with a focus on Cuba; she laces together the disciplines of anthropology, visual arts and sound studies to explore new theoretical and methodological avenues of research.

One of the main contributions she brings to visual anthropology is the recognition of sound, which she considers to be culturally meaningful but often forgotten in our everyday life. Her courses, where she has the most impact, focus on media, sound and visual anthropology.

Before becoming an assistant professor in the department of anthropology, Dr. Boudreault-Fournier examined hip-hop culture in urban Cuba and its significance for the youth after the Revolution in 1959.

She eventually directed a film on this topic in 2010 called Golden Scars. Having always been interested in producing videos as a creative outlet for showcasing her anthropological research.

More recently, her research has expanded to the enjoyment and sharing of digital music in Cuba, a country where there is little access to the internet due to technological and ideological reasons. She looks at how the memory stick promotes the sharing of files, but raises the risk of contaminating computers that lack security software.

Dr. Boudreault-Fournier's work informs people that even in our rapidly-changing world with digital media at its helm, not everyone has access to the internet. She looks at how the role of political will, power and the access to internet shape the way people interact with each other in Cuba.

In 2012, Dr. Boudreault-Fournier initiated a group of students called Sonoptica who organize events such as the annual Turbulent Film Festival. She is also managing a summer school program in Cuba for students in cultural anthropology to which she brings an immersive and contextual approach to the month-long course.

**R. Brendan Burke**

Greek and Roman Studies

Phone: (250) 721-8522

E-mail: bburke@uvic.ca

Languages: Modern Greek and Turkish

**Expertise:**

- Textile production in the Bronze and Iron Ages, in the Aegean and in Anatolia
- Greek Religion
- Aegean ceramics and chronology

**Robert Dalton**

Curriculum and Instruction

**Expertise:**

My research examines the periphery of the art world and examines ways of bringing that into the art curriculum. Those areas include child art, First Nations art and the art of other minority groups, mass media, and outsider art. I am also interested in critical analysis of children's art exhibitions, intergenerational art experiences, and studio pedagogy.

**April Nowell**

Anthropology

Phone: (250) 721-7054

E-mail: anowell@uvic.ca

Languages: French

**Expertise:**

I am a Paleolithic archaeologist. I study human evolution. Specifically, I specialize in Neanderthals, stone tools, and the evolution of human cognition, language and the origins of art and music.

**Ana Maria Peredo**

Professor, Director of the Centre for Co-operative and Community-Based Economy

Business

B.C. Institute for Cooperative Studies

Anthropology

Phone: (250) 853-3558

E-mail: aperedo@uvic.ca

Languages: Spanish

**Expertise:**

- Sustainable Communities
- Community-Based Entrepreneurship
- Local Development
- Culture, Ethnicity (Indigenous Peoples) and Entrepreneurship
- Global economic impacts on local economies
- International Development
- Social Innovation
- Environmental issues and social responsibility of the business sector.
- Qualitative Methods: Self-Management and Not-for-Profit Sector

**Expertise Profile**

The global poverty rate is more than just a statistic--it's the suffering of actual people who can laugh and cry, and

## SOCIAL SCIENCES

provide us with knowledge and wisdom that we don't always recognize.

This philosophy drives the work of business professor Ana Maria Peredo who stresses that she works "with people," not "frames to fit people in," to lessen poverty.

Dr. Peredo studies how impoverished communities, especially indigenous communities, can improve their economy through grassroots and alternative business models that use the resources they already have, including their cultural traditions and values.

"Most business models look at profit maximization. I am not interested in this. I look at emerging models that improve the social, the cultural, the political, the economic life of the people. This is business for the well-being of the people and their communities."

Dr. Peredo does not want to enter communities and impose an economic or mainstream business models, as people have historically done as a way to assimilation. Instead, she wants to aid them in nurturing their own emerging models.

Cultures can have different economic systems and business models. Dr. Peredo believes that, in many cultures, communities as well as individuals can develop businesses. She says, "This kind of entrepreneurship springs from the community itself and benefits everyone in the community. It draws on local history and culture to produce increased well-being for the whole group. Entrepreneurship takes on a whole new meaning in that context."

This is something she learned while working among Indigenous groups as a journalist and Anthropologist in Peru and Bolivia. "I found the richness of their culture, the richness of their lives impressive. The western world needs a broader understanding of value: beyond the market place. Indigenous peoples have the right to have their own development path," she explains.

<h3>Related Links</h3>

Dr. Peredo's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=xCqp9gVAJKQ>

### **Eric Roth**

Anthropology

Phone: (250) 721-6268

E-mail: [ericroth@uvic.ca](mailto:ericroth@uvic.ca)

Languages: Spanish and Kiswahili

#### **Expertise:**

My current research is concerned with modelling HIV/AIDS and sexually transmitted diseases. I consider this part of my basic field of demography. I have also completed studies in human ecology, maternal/child health, and childhood growth and development.

### **Daromir Rudnyckyj**

Associate Professor

Anthropology

Studies in Religion and Society

Global Studies

Phone: (250) 721-6273

E-mail: [daromir@uvic.ca](mailto:daromir@uvic.ca)

Languages: Indonesian, Malay, Dutch

#### **Expertise:**

- Economic development and Islam in Southeast Asia
- Islamic finance and alternative forms of capitalism
- Religious and spiritual reform
- Transnational labour migration

#### <h3>Expertise Profile</h3>

What gratifies Dr. Daromir Rudnyckyj the most when he teaches and conducts research on development and social change in Southeast Asia is the opportunity to shift perspectives.

He's an expert on two countries in particular, Indonesia and Malaysia. Indonesia is the world's largest Muslim country and Malaysia is a global leader in the Muslim world in pursuing a model of moderate Islam conducive to economic growth.

Dr. Rudnyckyj says both countries are important in understanding how Muslims are trying to merge their religious practices with the demands of modern economic development.

His first book, "Spiritual Economies: Islam, Globalization and the Afterlife of Development," which examined how Muslims in Southeast Asia were devising a form of Islam conducive to globalization, earned a prize from the American Ethnological Society, North America's oldest professional association of anthropologists.

Dr. Rudnyckyj examined how Islamic practices were reinterpreted to be compatible with tips found in corporate motivational training programs and self-help books such as the "Seven Habits of Highly Effective People." Leaders of this movement argued that the Muslim prophet Muhammad was an ideal CEO and that required Islamic practices such as giving to charity were in fact directives to look for "synergy" and "win-win solutions."

Dr. Rudnyckyj challenged the common contention that religion in general, and Islam in particular, are resistant to change.

Currently, Dr. Rudnyckyj is documenting the innovative steps Malaysia is taking to create an "Islamic Wall Street" in Kuala Lumpur. Because Islam forbids the collection or payment of interest, experts are finding ways for Muslims to conduct business while actively engaging with an increasingly globalized world. One of the questions he is pursuing is whether Islamic finance offers lessons for North American and European countries in wake of the



ongoing financial crises that have swept these regions in recent years.

In his classes and lectures, Dr. Rudnyckyj's work is challenging the misconceptions that people have about Southeast Asian countries and Islam. He enjoys seeing students learn to appreciate and understand the cultural diversity that characterizes each Asian country and the rapid social, economic, and cultural changes that are taking place in the region.

### <h3> Related Links</h3>

Dr. Rudnyckyj's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=Mh9Js\\_a4Jqg](http://www.youtube.com/watch?v=Mh9Js_a4Jqg)

Dr. Rudnyckyj's website:  
<http://web.uvic.ca/pacificasia/faculty/Rudnyckyj.php>

### **Brian Thom**

Associate Professor  
 Anthropology  
*E-mail:* bthom@uvic.ca

#### **Expertise:**

- ethnographic mapping
- modern-day treaty negotiations
- Place, place names, political ontology
- Aboriginal rights, title and governance
- Indigenous Peoples, Coast Salish
- Applying anthropology to public policy

### <h3>Expertise Profile</h3>

Dr. Brian Thom has worked for over 15 years in British Columbia as a researcher, senior adviser and negotiator for Coast Salish Indigenous communities involved in land claims.

Much of this work has been in the BC Treaty Process, where Dr. Thom worked with First Nations groups in the negotiation room itself.

He has supported their efforts to establish new governance institutions, to resolve long-standing disputes about land title, and to promote the recognition of Aboriginal and Indigenous rights.

Dr. Thom's work has also taken him to the Inter-American Commission on Human Rights where Hul'qumi'num leaders have sought international intervention in their claims.

At the heart of his research is an effort to find places of reconciliation of state power and colonial settlement with the ongoing presence of Coast Salish peoples on the land.

Dr. Thom's research has highlighted examples of how this may be done, such as the successful co-management parks, and through employing collaborative and long-term research to document Indigenous land use and

territoriality.

He continues to work on these issues, most recently partnering with Google to develop tools and training for Indigenous mapping projects.

### <h3>Related Links</h3>

Dr. Thom's Faces of UVic Research  
<https://www.youtube.com/watch?v=cZDL13IuUu4>

UVic's Ethnographic Mapping Lab  
<http://ethnographicmapping.uvic.ca>

### **Andrea Walsh**

Anthropology  
*Phone:* (250) 721-7050  
*E-mail:* awalsh@uvic.ca

#### **Expertise:**

- Visual culture studies including film, photography and art
- Contemporary 20th-century Aboriginal art from North America
- Space and place and Aboriginal peoples

### <h3>Expertise Profile</h3>

Dr. Andrea Walsh wears two hats as an academic.

She is both a visual artist and a visual anthropologist. She approaches anthropology from a visual perspective, exploring what it means as humans to make images while also making art of her own.

Currently Dr. Walsh is working in collaboration with Dr. Paulette Regan of the Truth and Reconciliation Commission on a collection of paintings done by Indigenous students at the Port Alberni Residential School.

The collection of paintings was part of a gift to the University of Victoria Art Collections by Robert Aller, the art teacher at the time they were produced.

Dr. Walsh's university team spent two years working with elders from Coast Salish communities to find the artists or their families. Roughly half of the paintings have been traced back to their creators and will be returned to them.

Since 2000, Dr. Walsh has also worked with the Osoyoos Indian Band and the Osoyoos Museum Society to research and document a collection of 1930s and 1940s Okanagan children's art from the Inkameep Day School.

Dr. Walsh and her team are now reaching out to an estimated 1,000 institutions across Canada to see what other artwork may have survived from the era of Canada's residential school system.

She hopes that uncovering art from this period can play a role in understanding the history of residential schools.

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Dr. Walsh explains that images like these can be used in unique ways to help us see each other differently and perhaps better understand each other's past and contemporary lives.

At UVic, Dr. Walsh runs a Coast Salish artist-in-residence program. Every year she invites a different resident artist into her anthropology of art classes so her students learn not only through dialogue but also through actual art practice.

As an artist, Dr. Walsh works in printmaking, photography and video.

### APPLIED RESEARCH

#### Jillianne Code

Assistant Professor, Educational Technology and Psychology

Faculty of Education

Curriculum and Instruction

Educational Psychology & Leadership Studies

Phone: (250) 721-7831

E-mail: jcode@uvic.ca

#### Expertise:

My area of research is at the praxis of educational technology, psychology and measurement. Specifically, my research is focused on the role of agency in learning, the use of measurement methods in learning analytics, and the design of immersive and virtual environments for learning.

#### Daniela Damian

Associate Professor

Computer Science

Phone: (250) 472-5788

Languages: Romanian

#### Expertise:

- Global software development
- Empirical software engineering
- Human-computer interaction
- Computer-supported cooperative design
- Requirements engineering

#### Expertise Profile

Contrary to popular belief, there's more to software development than a set of programmers and developers, says computer scientist Daniela Damian.

In fact, there's a broader set of players involved in the creation and success of a software project. This includes business analysts, managers, architects, testers and the customers.

Dr. Damian's research looks at how these key players communicate with each other when working on software development projects. Many of these stakeholders are dispersed across different parts of the world, she notes. While this strategy gives the software industry a competitive advantage, interacting with teams from remote places around the globe presents complex

challenges due to differences in time zones, work culture, and knowledge management technologies.

Dr. Damian's research projects use a synergy of empirical methods, data mining and social network analysis to understand these complex interactions and address them by improving the effectiveness of communication and coordination in large, distributed software projects.

She leads the Software Engineering Global interAction Lab (SEGAL) at UVic, a computer science facility equipped with state-of-the-art collaboration technologies, such as large interactive displays and videoconferencing systems.

This research lab provides the physical and intellectual space for UVic students and international collaborators working with her. Students get first-hand experience collaborating with industrial partners and adjoining labs from other international universities.

#### Related Links

<https://www.youtube.com/watch?v=xgSwKDOYB5M>

#### Christopher Darimont

Hakai-Raincoast Conservation Scholar

Geography

E-mail: darimont@uvic.ca

#### Expertise:

Research Description

Chris Darimont is an interdisciplinary conservation scientist who applies natural and social science tools to confront conservation problems that are both conceptually interesting and acutely applied. Although Chris and his fledgling lab group have broad scholarly interests, they maintain three primary research domains: i) landscape ecology at the marine-terrestrial interface, ii) conservation biology of harvest management, and iii) conservation ethics.

#### Expertise Profile

The wildlife and people of the central coast of British Columbia – an area popularly known as the Great Bear Rainforest – comprise a study system of particular interest. While this geographic focus invokes a strong sense of place, the research is designed to have a global reach.

Chris' interdisciplinary roots can be traced to broad training and a wide network of collaborators. After earning a PhD in Evolution and Ecology from the University of Victoria, his postdoctoral work took him to the University of California, Santa Cruz, and a large group of research partners – conservation leaders from First Nations communities of coastal British Columbia. He maintains these important relationships, which guide his research interests. Although many conceive these collaborations as opportunities to develop the capacity of

First Nations, Chris views them as prospects to develop his own capacity as an applied scholar. Finally, much of Dr. Darimont's development can be traced to his long-term affiliation with the science-based eNGO Raincoast Conservation Foundation, having served as its Director of Science.

This background has cultivated in Chris a sense of responsibility to engage in outreach. His work is commonly featured in high-profile media (e.g., National Geographic television, New York Times).

### <h3>Related Links</h3>

<http://www.web.uvic.ca/~darimont/>

<http://geography.uvic.ca/people/faculty/darimont.php>

TWITTER@chrisdarimont

### **Valerie Irvine**

Assistant Professor  
Curriculum and Instruction  
Educational Psychology & Leadership Studies  
*Phone:* (250) 721-7778  
*E-mail:* [virvine@uvic.ca](mailto:virvine@uvic.ca)

#### **Expertise:**

- Educational technology
- Multi-access learning
- 21st-century learning/innovation in learning designs
- Integration and evaluation of technology and media in education
- Distributed e-learning models
- Connected learning via social media
- Theories of technology adoption
- Educational change
- Personalized learning
- Online learning community development

### <h3>Expertise Profile</h3>

How often do we hear about students graduating from a program without the skills necessary for the workforce?

Valerie Irvine, a professor of educational technology in the Faculty of Education, is finding innovative ways for students to get the most out of their learning experience, shifting the focus of education from curriculum content to supporting the learner's interests and aptitudes first and foremost.

"Almost any profession requires the ability to project-manage your own work," she says.

But most higher education institutions only offer programs or courses that are either face-to-face or online and don't leave much room for personalized learning.

Dr. Irvine co-directs the Technology Integration and Evaluation Research Lab at UVic, where she conducts

studies on multi-access learning - a model that merges different ways of accessing education.

She designs her own classes to be multi-access. Students can choose to attend a course face-to-face, log in online or follow lectures via video conferencing.

"This method offers a richer and more dynamic student body," she says. "It changes the very nature of a university's identity."

A connected student from anywhere in the world can attend a class based on this model, without being restricted by location and affordability to live close to campus.

Dr. Irvine plans to expand multi-access learning to other institutions to evaluate its effectiveness. Her goal is for education to be focused more on the inquiry and learning process and less on material that needs to be memorized.

Dr. Irvine is also interested in using technological tools such as blogging and social media to enhance student learning in class. She sees blogging as a form of curating course material, allowing students to archive their own ideas and remember them better.

### <h3>Related Links</h3>

Dr. Irvine's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=pOQbVuWL\\_04](http://www.youtube.com/watch?v=pOQbVuWL_04)

### **Karen Kobayashi**

Sociology  
*Phone:* (250) 721-7574  
*E-mail:* [kmkobay@uvic.ca](mailto:kmkobay@uvic.ca)  
*Languages:* Japanese  
**Expertise:**  
Aging  
Ethnicity  
Health  
Family  
Mixed Methods in Social Research

### **Donald Lindsay**

Prof.  
Psychology  
*Phone:* (250) 721-8593  
*E-mail:* [slindsay@uvic.ca](mailto:slindsay@uvic.ca)  
**Expertise:**  
Psychology  
Cognitive Psychology  
Human memory  
Eyewitness memory

## SOCIAL SCIENCES

### **Douglas Magnuson**

Child and Youth Care  
Phone: (250) 721-6479  
E-mail: dougm@uvic.ca

#### **Expertise:**

Youth Development  
Youth Work  
Evaluation Models  
Child protection practice  
Quantitative and qualitative methods

### **Helen Raptis**

Associate Professor  
Curriculum and Instruction  
Phone: (250) 472-5076  
E-mail: hraptis@uvic.ca  
Languages: French, Spanish and Greek

#### **Expertise:**

- Intersection of government policy and minority learners
- Social and historical foundations of education in British Columbia
- Multicultural and anti-racist education
- School effectiveness and school improvement
- Examination of two generations of Tsimshian learners (from the Terrace region) to understand how government policies of segregation and integration shaped their schooling and their adulthood.

#### **Expertise Profile**

Residential schools represent part of the story in understanding education and Indigenous communities, says Dr. Helen Raptis.

The professor in Curriculum and Instruction studies the history of education, specifically the intersection of minority learners and formal education systems.

Looking at the period from 1900-1969, Dr. Raptis has determined that more Indigenous students attended on-reserve day schools than residential schools.

She is contributing to a fuller story on Indigenous communities by examining how Aboriginal children transitioned from Aboriginal day schools to public schools.

In a recent project, Dr. Raptis collected narratives from two generations of Tsimshian learners to see how government policies of segregation and integration impacted their schooling and transition to adulthood.

Her findings enabled both the elders and their offspring to know more about each other and their own communities. It also showed that day schools were less benign than historians have previously thought.

Understanding the history of education can help us avoid the pitfalls of the past and enable learners of all genders, race, and culture to succeed at school, she says. Her

research may even help us understand why the high school graduation rate for Aboriginal students is around 60 per cent.

Dr. Raptis's background in government consulting and teaching prior to becoming a professor gives her a multi-faceted approach to delivering classes.

In addition to her work with Indigenous communities, Dr. Raptis is also working on an interactive website, The Educational Heritage Museum, to enhance the learning and teaching of education history. The project is a partnership with Lower Vancouver Island Retired Teachers and UVic's Faculty of Education.

#### **Related Links**

Dr. Raptis' Faces of UVic Research video:  
[http://www.youtube.com/watch?v=tWMf2n\\_LvPQ](http://www.youtube.com/watch?v=tWMf2n_LvPQ)

The Education Heritage Museum website:  
[www.educationheritage.ca](http://www.educationheritage.ca)

### **Debra Sheets**

School of Nursing  
Phone: (250) 853-3947  
E-mail: dsheets@uvic.ca

#### **Expertise:**

gerontology, geriatric nursing, healthy aging, creativity and quality of life, aging with physical disability, family caregiving, end and evaluation

### **Kelli Stajduhar**

Associate Professor  
Nursing  
Aging, Centre on  
Phone: (250) 721-7487  
E-mail: kis@uvic.ca

#### **Expertise:**

- Palliative and end of life care
- Home care and family caregiving
- Oncology
- HIV/AIDS
- Vulnerable and marginalized populations
- Gerontology
- Qualitative and quantitative methodologies

#### **Expertise Profile**

If there's one absolute certainty in life, it's that we will all eventually die.

When we do, we hope that the health system and those who work in it are there to support us and our family members.

Dr. Kelli Stajduhar, an associate professor in the School of Nursing at the University of Victoria, is committed to quality end of life care for any person who is dying, of any illness, regardless of where they are being cared for.

Her research focuses on identifying the elements needed for a comprehensive and coordinated system of health care for people at the end of their lives.

Dr. Stajduhar is co-leader of an initiative aimed at integrating palliative philosophies and services earlier into nursing care for people with life-limiting or chronic illness.

This palliative approach will move conversations about a patient's comfort and their needs and wishes for end-of-life care earlier in their disease trajectory.

Dr. Stajduhar's other line of research focuses on family caregiving and the impact on families when they are providing care at home to people who are dying.

Her findings are informing policy development and front-line practice, and changing health care as we know it.

Dr. Stajduhar brings her passion for research into the classroom.

"I don't see any separation between teaching and research," she says. "I use my findings to develop curriculum and to capture students' attention, and their questions inspire new avenues of research."

### Related Links

Dr. Stajduhar's Faces of UVic Research video:  
<http://youtu.be/O3CVEMGtbZg>

### James Tanaka

Professor  
Psychology  
Phone: (250) 721-7541  
E-mail: [jtanaka@uvic.ca](mailto:jtanaka@uvic.ca)

#### Expertise:

- The cognitive and neurological processes underlying object and face recognition
- The perceptual processes involved in expert object recognition
- Applying the principles of perceptual expertise to teach children with autism how to recognize faces
- Developing new technologies to help kids recognize faces

Expertise Profile

What's the first thing you notice upon entering a room?

For most of us, it's people or, more specifically, people's faces. Individuals with autism, however, are just as likely to first notice a chair, book or painting.

Dr. Jim Tanaka, a cognitive neuroscientist, has developed a computer program called "Let's Face it!" that may improve the face processing abilities of children with autism by jumpstarting the area of the brain that recognizes faces.

The most recent addition to the program is Scrapbook, an iPad app that can take pictures of a child's friends, family and teachers and then give the child use of those faces to play different games.

Dr. Tanaka explains how with practice, children with autism have shown great improvement in their ability to recognize faces. He hopes in the long run that these new technologies will also improve their social skills and ability to pick up on emotional cues.

Dr. Tanaka helms the Visual Cognition Lab at the University of Victoria and is director of the Centre for Autism Research, Technology and Education on campus.

He recruits undergraduate and graduate students from psychology, computer science, education and counselling to help with his research. They are given the unique opportunity to work in schools and in the lab with the children, where they can see first-hand the outcomes of their work.

### Related Links

Dr. Tanaka's Faces of UVic Research video:  
<http://youtu.be/KyYfitNePak>

The Visual Cognition Lab:  
<http://web.uvic.ca/psyc/vizcoglab/>

The Centre for Autism Research, Technology and Education: <http://web.uvic.ca/~carte/index.html>

### Rebecca Warburton

Assistant Professor  
Public Administration  
Phone: (250) 721-8066  
E-mail: [rnwarbur@uvic.ca](mailto:rnwarbur@uvic.ca)  
Languages: French

#### Expertise:

I'm a health economist interested in evidence-based policy and practice. Specific interests include patient safety, low-income populations, health technology assessment, and research using administrative data.

### CANADIAN STUDIES

#### Nicholas Bradley

Assistant Professor  
English  
E-mail: [nbradley@uvic.ca](mailto:nbradley@uvic.ca)  
Languages: French

#### Expertise:

- Literatures of the West Coast
- Literature and the Environment
- Canadian Literature

Expertise Profile

There has been literature on the West Coast of North America for a very long time.

As an academic discipline, however, the study of this

## SOCIAL SCIENCES

literature is relatively new.

Dr. Nicholas Bradley is the first professor of literatures of the West Coast at the University of Victoria, and one of the few specialists in this field in the country.

He teaches a graduate course on the subject in which students learn about the poetry and prose of the region while visiting some of the local places that have shaped it.

You can learn a lot from being in the same place a writer has been, says Dr. Bradley. It's a way to put yourself in the writer's shoes and to try to understand the creative process of writing.

His research focuses on poetry of the West Coast. He looks for answers to questions such as "How do poets respond to places in their writing?" and "What knowledge of places do poems convey?"

Dr. Bradley is writing a book about poetry of the Pacific Northwest. The book examines the works of contemporary authors inspired by the West Coast and connects them to traditions of poetry and writers of the past.

Dr. Bradley also researches the historical processes in which oral traditions from the West Coast have been recorded in print and adapted by writers.

### **Misao Dean**

Professor  
English

Phone: (250) 721-7253

E-mail: mdean@uvic.ca

#### **Expertise:**

- Early Canadian literature (19th- and early 20th-centuries)
- Representation of Aboriginal peoples in literature
- Canoes and Canoeing in Canadian culture
- Women novelists
- Motorcycling in literature

#### **Expertise Profile**

Canadian literature expert and literary theorist Misao Dean's most recent book is about how Canadians use the canoe as a symbol in Canadian culture.

In *Inheriting a Canoe Paddle*, Dr. Dean looks at the symbolism of the canoe in Canadian culture. "People tend to look at the canoe as a non-controversial symbol, as a natural way for a person to enjoy the landscape," she says. "But it should also make people think about the Indigenous peoples of Canada and our responsibilities towards them."

"A lot of people talk about inheriting the canoe as a technology for engaging with the landscape," she says,

"but it seems to me that using the word 'inheritance' is a way of smoothing over how we actually got the canoe. Certainly most First Nations know how they got here; they're very in tune with their history. But non-Indigenous people need to reflect on our history--on how we as individuals have participated in continuing the colonization of First Nations peoples."

Dr. Dean is also interested in why people enjoy reading. "In popular culture there has been such a distinction between the academic study of books and the pleasure one gets in reading them." She adds that students often won't study English because they fear that "tearing books to pieces" will decrease their love of reading. In reality, Dr. Dean says, literary research is an expression of that love.

Dr. Dean also wants students to gain strong research skills. In her 19th-century literature course, she asks students to only quote works written before 1920 so they can learn how to access 19th-century materials from the library.

#### **Related Links**

Misao Dean's Faces of UVic Research video:  
[www.youtube.com/watch?v=3QLci3ugTm0](http://www.youtube.com/watch?v=3QLci3ugTm0)

### **James Dopp**

Professor

English

E-mail: jdopp@uvic.ca

#### **Expertise:**

Canadian Literature; contemporary poetry and fiction; popular culture

### **Graham McDonough**

Curriculum and Instruction

Phone: (250) 721-7779

E-mail: gpmcd@uvic.ca

#### **Expertise:**

- Philosophy of Education
- Moral Education
- Dissent
- Minority Rights
- Religious Education and Catholic Education
- Religion/Spirituality in Schools
- Philosophy in High Schools

#### **Expertise Profile**

You can express disagreement on an issue while remaining part of the larger group with which you disagree, says Dr. Graham McDonough.

The philosophy of education professor studies dissent - how we treat the people who speak out against the popular views of society or groups within it, and in a way that benefits other minority members who are oppressed by the majority group.

Specifically, Dr. McDonough looks at dissent in the

context of religious education in publicly-funded Catholic schools. Some Catholic students and parents in these schools experience frustration because the church disapproves of artificial contraception and considers homosexuality "disordered." Others perceive a lack of support when their complaints that the school is "not Catholic enough" seem to have no impact.

His book, *Beyond Obedience and Abandonment: Toward a Theory of Dissent in Catholic Education*, further explores these inner conflicts and challenges 21st-century Catholic schools to provide more support for dissenting views. Doing so will overcome the limitations of thinking that there is only one way to be Catholic.

"I would love to see more examples of diversity within religious groups or in any group generally so that one spokesperson who has a lot of control doesn't necessarily speak for everybody," he says.

Dr. McDonough likes to "put the experience before the theory" when teaching the philosophy of education. Students engage in role-playing and then discuss the merits, contributions and treatment of the minority view.

## CHILD AND YOUTH HEALTH

### James Anglin

Child and Youth Care

Phone: (250) 721-8550

E-mail: janglin@uvic.ca

#### Expertise:

- Assessment of Education and Training Needs in Human Services
- Parent Education and Parent Support
- Qualitative Research Approaches, Grounded Theory
- International Child and Youth Care
- Residential Child and Youth Care
- Quality Assurance in Child and Family Services
- Child Advocacy and Youth in Care

### Jeffrey Ansloos

Assistant Professor and Registered Psychologist

Human and Social Development

Child and Youth Care

Centre for Youth and Society

Phone: (250) 721-7990

E-mail: ansloos@uvic.ca

Languages: Basic conversational proficiency in French and Spanish

#### Expertise:

- Narrative and Arts-Based Research
- Youth engagement in public policy development
- Indigenous youth mental health
- Indigenous rights
- Identity-based conflict, violence prevention, and peace-building
- Ethics of violence, nonviolence, and reconciliation
- Youth activism and social movements
- Youth migration, displacement, and resettlement

Refugee mental health policy in the Middle East and North Africa

### Marion Ehrenberg

Psychology

Phone: (250) 721-8771

E-mail: ehrm@uvic.ca

#### Expertise:

I study families experiencing divorce and other family transitions.

I am particularly interested in the dynamics of cooperation and conflict in divorced families, how parents and children are affected, and what facilitates or compromises healthy adjustment to family transitions.

### Catherine Gaul

School of Exercise Science, Physical and Health Ed  
Medical Sciences

Phone: (250) 721-8380

E-mail: kgaul@uvic.ca

Languages: French

#### Expertise:

- Exercise and Cancer
- Pediatric Exercise Physiology
- Occupational Work Physiology
- Health and Physical Activity
- Medical Education in a distributed setting

### Robert Gifford

Professor

Psychology

School of Environmental Studies

Phone: (250) 721-7532

E-mail: rgifford@uvic.ca

#### Expertise:

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

<h3>Expertise Profile</h3>

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that

## SOCIAL SCIENCES

suffer from the disease.

Today his focus has moved more towards the psychology of sustainability.

Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook *Environmental Psychology: Principles and Practice* and is the editor of the *Journal of Environmental Psychology*.

<h3>Related Links</h3>

The Environmental, Social and Personality Lab:

<http://web.uvic.ca/~esplab/>

### Lara Lauzon

School of Exercise Science, Physical and Health Ed

Phone: (250) 721-8378

E-mail: [llauzon@uvic.ca](mailto:llauzon@uvic.ca)

#### Expertise:

Teacher Wellness

STEP IT UP - exploring the use of pedometers as an interactive intervention with middle school aged children.

Wellness Planning in Community Recreation departments in British Columbia.

SITE - Situated Instruction for Teacher Education - exploring group dynamics in a research team.

### Jason Price

Curriculum and Instruction

Phone: (250) 721-7830

E-mail: [jasonp@uvic.ca](mailto:jasonp@uvic.ca)

#### Expertise:

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

### Eric Roth

Anthropology

Phone: (250) 721-6268

E-mail: [ericroth@uvic.ca](mailto:ericroth@uvic.ca)

Languages: Spanish and Kiswahili

#### Expertise:

My current research is concerned with modelling HIV/AIDS and sexually transmitted diseases. I consider this part of my basic field of demography. I have also completed studies in human ecology, maternal/child health, and childhood growth and development.

## CLIMATE

### Robert Gifford

Professor

Psychology

School of Environmental Studies

Phone: (250) 721-7532

E-mail: [rgifford@uvic.ca](mailto:rgifford@uvic.ca)

#### Expertise:

- Resource management (commons dilemmas and social dilemmas)

- Personality and nonverbal behaviour

- Ecological issues such as environmental activism and pro-environmental behavior

- The meaning and liveability of neighbourhoods

<h3>Expertise Profile</h3>

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

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At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

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and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook *Environmental Psychology: Principles and Practice* and is the editor of the *Journal of Environmental Psychology*.

<h3>Related Links</h3>

The Environmental, Social and Personality Lab:  
<http://web.uvic.ca/~esplab/>

### Stephen Johnston

School of Earth & Ocean Sciences

*E-mail:* stj@uvic.ca

*Languages:* un petit peu francais, y lo mismo por  
 Espanol

#### **Expertise:**

<h3>Research Description</h3>

Origin of mountain belts

Earth's ever changing paleogeography

The role of mountain belts in the growth of continents, the evolution of the biosphere and the development of our atmosphere

<h3>Expertise Profile</h3>

I research the origin and evolution of mountain belts, including addressing their role in the growth of continents and the evolution of the biosphere and the atmosphere, using their development as a constraint on Earth's ever changing paleogeography.

My research is rooted in field-based geological mapping of key parts of mountain belts, both modern and ancient. Multidisciplinary studies, including geophysical investigations and geochemical and geochronological analyses are utilized to further constrain the geometry and evolution of mountain belts. Models of development and evolution of ancient earth crust are tested against (1) tectonically active modern analogues, including the Apennines of southern Italy, and the Melanesian region of the southwest Pacific, and (2) geodynamic, geometric, climate and thermal models.

### Stanley Juniper

Professor

School of Earth & Ocean Sciences

Biology

NEPTUNE

*Phone:* (250) 472-5379

*E-mail:* kjuniper@uvic.ca

*Languages:* French

#### **Expertise:**

- Ecology and biogeochemistry of deep-sea hydrothermal vents
- Microbial ecology
- Marine conservation
- Deep-sea ecosystems of the arctic

<h3>Expertise Profile</h3>

Microbes matter - we don't see them but we couldn't live without them, says Kim Juniper, an internationally renowned marine ecologist who studies how seasonal and climatic cycles affect the ecology of the ocean floor.

Trained in marine microbiology, Dr. Juniper is well-known for his primary research on the biogeochemistry and ecology of submarine hydrothermal vents.

His work uncovered that high-temperature bacteria decompose the toxic chemicals emitted by the vents, providing energy and nutrients for lush biological communities to thrive there.

More recently, his area of research involves the innovative use of new generations of underwater sensors and imaging devices centrally-controlled at UVic's leading underwater observatories VENUS and NEPTUNE, where he directs the scientific research teams.

Partnered with Oceans Network Canada, NEPTUNE is a ring of six research stations off the west coast of Vancouver Island, connected in real-time on the Internet through fibre optic cables. VENUS, its sister project, has deep sea installations located near Victoria and Vancouver.

One laboratory project aims at better understanding the nitrogen cycle in the ocean, starting with plankton - tiny drifting plants and animals that consume nitrogen for productivity. When plankton sink to the ocean floor, they become the primary food source for seafloor ecosystems, allowing microbes, fish and marine mammals to grow and diversify.

By tracking live data on how nitrogen or carbon cycles work in today's changing oceans, Dr. Juniper and his team can predict what future oceans will look like and where resources such as fisheries will be.

He is already advising the UN with insights from his research to regulate pressing issues such as deep sea

## SOCIAL SCIENCES

mining and extracting genetic resources from the deep sea.

When with students, Dr. Juniper likes them to make their own discoveries by analyzing real-life data and critically challenging published results.

### <h3>Related Links</h3>

LinkedIn Kim Juniper

<http://ca.linkedin.com/pub/kim-juniper/19/210/745>

Twitter: <https://twitter.com/skjuniper>

Faces of UVic Research Video:

[http://www.youtube.com/watch?v=bFB67lzWK\\_8](http://www.youtube.com/watch?v=bFB67lzWK_8)

### **Jody Klymak**

School of Earth & Ocean Sciences

Physics & Astronomy

Phone: (250) 472-5969

E-mail: [jklymak@uvic.ca](mailto:jklymak@uvic.ca)

#### **Expertise:**

Oceanography, Fluid Mechanics, Turbulence, Ocean Circulation, Coastal Oceanography.

### **Asit Mazumder**

NSERC Industry Research Chair

Biology

Phone: (472) 4789

E-mail: [mazumder@uvic.ca](mailto:mazumder@uvic.ca)

Languages: French, a little Spanish, and Bengali

#### **Expertise:**

<h3>Research Description</h3>

Ecology of freshwater and marine ecosystems in fisheries and water quality

<h3>Expertise Profile</h3>

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

<h3>Related Links</h3>

<http://www.uvic.ca/water/>

### **Adam Monahan**

School of Earth & Ocean Sciences

Phone: (250) 472-5075

#### **Expertise:**

My research is in the area of Climate Dynamics, in particular the effects of interactions between different space and time scales in the climate system.

Research interests include large-scale variability of the ocean and atmosphere, variability and predictability of surface winds, understanding the relationship between statistical and physical descriptions of climate variability, stochastic dynamics, and the mathematics of climate modeling.

### **Thomas Pedersen**

School of Earth & Ocean Sciences

Phone: (250) 217-3641

Languages: Limited French

#### **Expertise:**

The marine carbon cycle.

Climate policy in British Columbia and elsewhere.

<h3>Expertise Profile</h3>

Paleoceanography, in which geochemical and isotopic variations found in marine sediments are used to interpret climate and oceanographic history. The chemical behaviour of mine wastes in the sea and in lakes.

<h3>Related Links</h3>

<http://pics.uvic.ca/>

Twitter: @PICSCanada

### **Vera Pospelova**

School of Earth & Ocean Sciences

Earth and Ocean Sciences

Phone: (250) 721-6314

E-mail: [vpospe@uvic.ca](mailto:vpospe@uvic.ca)

Languages: Russian

#### **Expertise:**

Understanding of causes and mechanisms of environmental change, whether it is related to climate change, or ecosystem degradation due to natural variability, or anthropogenic activity, requires compilation of environmental data that span beyond the period of instrumental measurements. If long-term monitoring measurements are scarce or unavailable, such information could be obtained only by studying (paleo)proxies from sedimentary records. My group is using organic-walled microfossils (dinoflagellate cysts, foraminiferal organic linings, pollen and spores, etc.) and geochemical proxies as indicators of past and present environmental conditions.

**Real Roy**

Biology

*Phone:* (250) 472-5071*E-mail:* realroy@uvic.ca*Languages:* French**Expertise:**

My research focus is on the ecology and diversity of bacteria in the natural environment. I am currently doing research on bacteria that can grow from methane gas, a greenhouse gas emitted in landfill soils. I am also interested in soil bacteria that transforms nitrogen, an important plant nutrient.

**Brian Starzomski**

Ian McTaggart Cowan Professor of Biodiversity Conservation and Ecological Restoration  
School of Environmental Studies

*Phone:* (250) 853-3564*E-mail:* starzom@uvic.ca**Expertise:**

- Biodiversity structure and dynamics
- Novel ecosystems
- Ecological monitoring
- Determinants of local diversity in light of climate change

[Expertise Profile](#)

The province of BC is the last "best place on earth" for many plant and animal species. In fact, fully half of all species in Canada call BC home.

Yet climate change and human interference threaten to reduce those numbers drastically.

Dr. Brian Starzomski studies biodiversity in the landscape, its resilience and how best to minimize the threats that plant and animal species face.

He is the winner of the prestigious Ian McTaggart-Cowan Professorship of Biodiversity, Conservation and Ecological Restoration in the School of Environmental Studies at the University of Victoria.

Dr. Starzomski and his lab team work mainly in the field, conducting experiments and observational studies to look at changes in community pattern and structure.

The majority of his work focuses on alpine plant communities in the Coast Mountains of southwestern British Columbia and the blanket bog ecosystems of the Central Coast.

Much of the latter research is funded by the Hakai Beach Institute on the Central Coast, where Dr. Starzomski also teaches some of his undergraduate UVic classes.

In the School of Environmental Studies, he collaborates with Dr. Eric Higgs on the Mountain Legacy Project. They replicate photos taken over 80 years ago to compare and study change in mountain environments.

Dr. Starzomski is part of Ecology@UVic, an effort to

unite ecologists across campus, providing a forum that fosters discussion, problem-solving, and collaboration, culminating in outstanding ecological research. &#8232;

[Related Links](#)

Dr. Starzomski's Faces of UVic Research video:

<http://youtu.be/juGant1tEyc>

The Starzomski Lab: <http://web.uvic.ca/~starzom/>

The Mountain Legacy Project: <http://mountainlegacy.ca/>

**Ian Walker**

Geography

*Phone:* (250) 721-7347*E-mail:* ijwalker@uvic.ca**Expertise:**

[Research Description](#)

Beach and dune geomorphology

Sedimentary processes

Coastal erosion

Wind (aeolian) processes

[Expertise profile](#)

Professor Walker is a geomorphologist with expertise in beach and sand dune geomorphology, sedimentary processes, wind (aeolian) processes, and the impacts coastal erosion and sea level changes. Dr. Walker's research takes place on beaches and dunes across north America in Prince Edward Island National Park, Haida Gwaii, Pacific Rim National Park, and Cape Cod National Seashore. This work involves close collaboration with Parks Canada, BC Parks, US National Park Service, the Geological Survey of Canada, and many international colleagues. Dr. Walker directs the Coastal Erosion & Dune Dynamics (CEDD) Laboratory, which studies the erosion, dynamics, and restoration of sandy beach-dune systems and explores linkages to land use changes and climatic change impacts using leading-edge technology and collaborative training opportunities.

[Related Links](#)

<http://cedd.geog.uvic.ca/>

**CLINICAL PSYCHOLOGY**

**Jeffrey Ansloos**

Assistant Professor and Registered Psychologist  
Human and Social Development  
Child and Youth Care  
Centre for Youth and Society  
Phone: (250) 721-7990  
E-mail: ansloos@uvic.ca  
Languages: Basic conversational proficiency in French and Spanish

**Expertise:**

Narrative and Arts-Based Research  
Youth engagement in public policy development  
Indigenous youth mental health  
Indigenous rights  
Identity-based conflict, violence prevention, and peace-building  
Ethics of violence, nonviolence, and reconciliation  
Youth activism and social movements  
Youth migration, displacement, and resettlement  
Refugee mental health policy in the Middle East and North Africa

**Catherine Mateer**

Psychology  
E-mail: cmateer@uvic.ca

**Expertise:**

Clinical Neuropsychology  
Assessment of Cognitive Abilities  
Neuropsychological Rehabilitation  
Attention

**Tara Ney**

Assistant Professor  
Human and Social Development  
Public Administration  
Phone: (250) 721-8199  
E-mail: tney@uvic.ca

**Expertise:**

Conflict theory, participatory governance mechanisms, restorative justice, discourse theory

**Erica Woodin**

Assistant Professor  
Psychology  
Centre for Addictions Research of BC  
Phone: (250) 721-8590  
E-mail: ewoodin@uvic.ca

**Expertise:**

- Domestic violence and substance use in close relationships
- The causes and consequences of verbal conflict and physical aggression
- The impact of harmful behaviours on individual, couple, and child functioning
- Effectiveness of treatment efforts to reduce aggressive behaviours
- Use of prevention efforts to avert partner aggression in

adolescence and early adulthood  
- Links between partner aggression and substance abuse

**Expertise Profile**

Dr. Erica Woodin studies intimate relationships and the things that damage them, specifically domestic violence and substance abuse.

As a research affiliate with the Centre for Addictions Research BC and the director of UVic's Couples and Families Lab, Dr. Woodin helps partners cope with the stresses associated with becoming parents for the first time.

Collaborating with departmental colleague Ulrich Mueller on the transition from partners to parents, Dr. Woodin is following local couples in their third trimester of pregnancy over one, two and four years.

Her goal is to look for patterns of aggressive behaviour and identify which couples are at higher risk for problems in their relationships.

"Awareness is critical for these couples who don't always realize they're fighting," she says.

Dr. Woodin adds that pregnancy is an opportunity for partners to accommodate change in their relationship. Her work can inform the way mental health practitioners, nurses and maternity doctors support their community.

Before her career at UVic, Dr. Woodin worked with university couples where partners were at high risk of physical aggression using a model specifically designed for people with alcohol abuse. Motivational interviewing, where partners talked through their goals for changing their behaviour, reduced the levels of physical aggression for up to nine months after the counselling stage.

In the Department of Psychology, where she teaches, Dr. Woodin uses her background as a clinical psychologist to shape student's understanding of how mental health issues can affect healthy relationships and how intimate relationships in turn, can impact individual health.

**Related Links**

Dr. Woodin's Faces of Uvic Research video:  
<https://www.youtube.com/watch?v=yA9eZWtaYIQ>

## COGNITIVE PSYCHOLOGY AND NEUROSCIENCE

### Mauricio Garcia-Barrera

Psychology

Phone: (250) 472-5067

E-mail: mgarcia@uvic.ca

Languages: Spanish

#### Expertise:

I conduct my research at CORTEX, a lab at the University of Victoria, Department of Psychology, dedicated to the analysis of human behavior and cognitive processing that is executive in nature. Currently, we have four areas of research: (1) Conceptualization of the construct executive function and development of ecologically valid and reliable methods to assess executive functions. (2) Examination of structural patterns of executive systems including the prefrontal cortex and its subdivisions (orbitofrontal, dorsolateral, and ventromedial areas), the Anterior Cingulate Cortex, the Cerebellum, and corpus callosum). (3) Development of executive functions from preschool years to adulthood and examination of patterns of decline through aging. And (4) examination of moderators of executive functioning such as exercise, bilingualism, and history of neurodevelopmental disorders (e.g., ADHD) or acquired (e.g., concussions) brain injuries.

### Olave Krigolson

Assistant Professor

School of Exercise Science, Physical and Health Ed

Psychology

Medical Sciences

Phone: (250) 721-7843

E-mail: krigolson@uvic.ca

Languages: French, German

#### Expertise:

- Neuroeconomics
- Decision-making
- Motor-learning and control

<h3>Expertise Profile</h3>

Neuroscientist Olav Krigolson wants to understand how we make decisions.

He measures people's brainwaves as they acquire new skills and make choices. With that information, he can see what part of the brain people use when making different types of decisions, such as emotional ones or logical ones. He also seeks to understand how people learn to make the choices they do. "When you make a decision it's usually based on experience, so learning experiences impact the decisions that you make," he says.

Through his research, Dr. Krigolson learns how external factors affect people's decision-making processes: "We're looking at why doctors make the decisions they do and how that changes with experiences and how it changes with fatigue. We can actually show with the brain that people are making poor decisions as fatigue increases

because parts of their brain aren't performing the way they should."

Dr. Krigolson says his research has changed the way he teaches. After he assesses them, his students learn where they went wrong and can figure out how to improve. This is why Dr. Krigolson always allows his students to re-do exams. "If one of the goals of his class is to know the lobes of the brain," he says, "do you really care if it takes students one try or ten? I just want them to know the lobes of the brain."

#### <h3>Related links</h3>

-UVic neuroeconomics laboratory's website:

<http://neuroeconlab.com/>

-Dr. Krigolson's Faces of UVic research video:

[www.youtube.com/watch?v=e6QOXIzWw3s](http://www.youtube.com/watch?v=e6QOXIzWw3s)

### Donald Lindsay

Prof.

Psychology

Phone: (250) 721-8593

E-mail: slindsay@uvic.ca

#### Expertise:

- Psychology
- Cognitive Psychology
- Human memory
- Eyewitness memory

### Michael Masson

Psychology

Phone: (250) 721-7536

E-mail: mmasson@uvic.ca

#### Expertise:

- Embodied cognition, cognitive control, basic processes of human memory.

### Catherine Mateer

Psychology

E-mail: cmateer@uvic.ca

#### Expertise:

- Clinical Neuropsychology
- Assessment of Cognitive Abilities
- Neuropsychological Rehabilitation
- Attention

## SOCIAL SCIENCES

### **W. Andrew Schloss**

Professor

Music

Computer Science

Phone: (250) 721-7931

E-mail: [aschloss@uvic.ca](mailto:aschloss@uvic.ca)

Languages: Spanish

#### **Expertise:**

- Electronic and computer music
- Computer-human interaction
- Non-western music
- New musical instruments
- Ethnomusicology

<h3>Expertise Profile</h3>

Dr. Andrew Schloss combines science and art by experimenting with music using technology.

Dr. Schloss is the co-creator of the combined Music and Computer Science degree program at the University of Victoria. Even in his class on acoustics, which is largely technical, he is still interested in how acoustics can inspire his students as artists.

From the beginning of his career, Dr. Schloss has paid particular attention to the role of the computer in musical performance and has composed several pieces using computers and virtual instruments.

He has a keen interest in new musical instruments and as a percussionist and electronic musician he's a virtuoso on a new instrument called the radiodrum. He has had great success with the instrument, performing across Europe and North America since 1988.

Recently he has developed an interest in music and robotics. He uses a computer to activate robotics that produce acoustic sound live.

Another longstanding interest is the field of public art and sound art. He has collaborated with numerous artists around the world and most recently worked on translating the tides into sound with a sculpture in False Creek by the Seattle artist Buster Simpson.

His other research interests rest in ethnomusicology, specifically Cuban and West African music.

<h3>Degrees</h3>

Ph.D. (Stanford)

<h3>Related Links</h3>

Dr. Schloss' Faces of UVic Research video:

<http://youtu.be/8VtPnr4WF0w>

### **Ronald Skelton**

Psychology

#### **Expertise:**

Recovery of Function After Brain Injury:  
Loss of memory and spatial navigation (wayfinding).  
Measuring outcome after brain injury and changes in functioning during rehabilitation.

### **James Tanaka**

Professor

Psychology

Phone: (250) 721-7541

E-mail: [jtanaka@uvic.ca](mailto:jtanaka@uvic.ca)

#### **Expertise:**

- The cognitive and neurological processes underlying object and face recognition
- The perceptual processes involved in expert object recognition
- Applying the principles of perceptual expertise to teach children with autism how to recognize faces
- Developing new technologies to help kids recognize faces

<h3>Expertise Profile</h3>

What's the first thing you notice upon entering a room?

For most of us, it's people or, more specifically, people's faces. Individuals with autism, however, are just as likely to first notice a chair, book or painting.

Dr. Jim Tanaka, a cognitive neuroscientist, has developed a computer program called "Let's Face it!" that may improve the face processing abilities of children with autism by jumpstarting the area of the brain that recognizes faces.

The most recent addition to the program is Scrapbook, an iPad app that can take pictures of a child's friends, family and teachers and then give the child use of those faces to play different games.

Dr. Tanaka explains how with practice, children with autism have shown great improvement in their ability to recognize faces. He hopes in the long run that these new technologies will also improve their social skills and ability to pick up on emotional cues.

Dr. Tanaka helms the Visual Cognition Lab at the University of Victoria and is director of the Centre for Autism Research, Technology and Education on campus.

He recruits undergraduate and graduate students from psychology, computer science, education and counselling to help with his research. They are given the unique opportunity to work in schools and in the lab with the children, where they can see first-hand the outcomes of their work.

<h3>Related Links</h3>

Dr. Tanaka's Faces of UVic Research video:

<http://youtu.be/KyYfitNePak>

The Visual Cognition Lab:  
<http://web.uvic.ca/psyc/vizcoglab/>

The Centre for Autism Research, Technology and  
 Education: <http://web.uvic.ca/~carte/index.html>

## ECOLOGICAL RESTORATION

### Eric Higgs

School of Environmental Studies

Phone: (250) 721-8228

E-mail: [ehiggs@uvic.ca](mailto:ehiggs@uvic.ca)

#### Expertise:

- Ecological Restoration
- Philosophy of Ecological Restoration
- Policy and Practice of Ecological Restoration (especially in mountain regions and protected areas)
- Historical Ecology, including Cultural and Ecological Change
- Repeat Photography
- Philosophy of Technology

#### Expertise Profile

Climate change, species extinction and extreme weather are rapidly changing the face of our planet.

Dr. Eric Higgs concentrates on how we can help ecosystems recover from that change.

His integrative approach to ecological restoration draws on resources from philosophy, anthropology and ecology.

Dr. Higgs is trained as a philosopher and ecological planner and uses both to look at the conceptual and ethical issues involved in restoring ecosystems. What responsibility do we as humans have? What intervention methods should we use?

As a professor and former director of the University of Victoria's School of Environmental Studies, Dr. Higgs uses a combination of fieldwork and interdisciplinary learning in many of his undergraduate and graduate classes.

He helms the Mountain Legacy Project, where students and researchers venture to the tops of peaks across BC and Alberta. There, they replicate photos taken over 80 years ago to compare and study change in these mountain environments.

The project makes policy recommendations to bodies such as Parks Canada and the Government of Alberta.

His current research interests include nature and technology, novel and hybrid ecosystems, and cultural changes in the way we value nature.

Future projects include a sequel to Nature by Design, his oft-cited book on how we think about ecological restoration.

#### Related Links

Dr. Higgs' Faces of UVic Research video:  
<http://youtu.be/38GjawDgguA>

### Asit Mazumder

NSERC Industry Research Chair

Biology

Phone: (472) 4789

E-mail: [mazumder@uvic.ca](mailto:mazumder@uvic.ca)

Languages: French, a little Spanish, and Bengali

#### Expertise:

Research Description

Ecology of freshwater and marine ecosystems in fisheries and water quality

#### Expertise Profile

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

#### Related Links

<http://www.uvic.ca/water/>

### Jason Price

Curriculum and Instruction

Phone: (250) 721-7830

E-mail: [jasonp@uvic.ca](mailto:jasonp@uvic.ca)

#### Expertise:

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

## SOCIAL SCIENCES

### **Valentin Schaefer**

School of Environmental Studies

Phone: (250) 472-4387

E-mail: [schaefer@uvic.ca](mailto:schaefer@uvic.ca)

#### **Expertise:**

My research highlights the value of nature in urban areas. It involves biophysical inventories of natural areas in cities and approaches to improving their health through connectivity, ecological memory, invasives removal and environmental stewardship.

### **Brian Starzomski**

Ian McTaggart Cowan Professor of Biodiversity Conservation and Ecological Restoration  
School of Environmental Studies

Phone: (250) 853-3564

E-mail: [starzom@uvic.ca](mailto:starzom@uvic.ca)

#### **Expertise:**

- Biodiversity structure and dynamics
- Novel ecosystems
- Ecological monitoring
- Determinants of local diversity in light of climate change

#### **Expertise Profile**

The province of BC is the last "best place on earth" for many plant and animal species. In fact, fully half of all species in Canada call BC home.

Yet climate change and human interference threaten to reduce those numbers drastically.

Dr. Brian Starzomski studies biodiversity in the landscape, its resilience and how best to minimize the threats that plant and animal species face.

He is the winner of the prestigious Ian McTaggart-Cowan Professorship of Biodiversity, Conservation and Ecological Restoration in the School of Environmental Studies at the University of Victoria.

Dr. Starzomski and his lab team work mainly in the field, conducting experiments and observational studies to look at changes in community pattern and structure.

The majority of his work focuses on alpine plant communities in the Coast Mountains of southwestern British Columbia and the blanket bog ecosystems of the Central Coast.

Much of the latter research is funded by the Hakai Beach Institute on the Central Coast, where Dr. Starzomski also teaches some of his undergraduate UVic classes.

In the School of Environmental Studies, he collaborates with Dr. Eric Higgs on the Mountain Legacy Project. They replicate photos taken over 80 years ago to compare and study change in mountain environments.

Dr. Starzomski is part of Ecology@UVic, an effort to unite ecologists across campus, providing a forum that fosters discussion, problem-solving, and collaboration,

culminating in outstanding ecological research. &#8232;

#### **Related Links**

Dr. Starzomski's Faces of UVic Research video:  
<http://youtu.be/juGant1tEyc>

The Starzomski Lab: <http://web.uvic.ca/~starzom/>

The Mountain Legacy Project: <http://mountainlegacy.ca/>

### **John Volpe**

School of Environmental Studies

Phone: (250) 472-4298

E-mail: [jpv@uvic.ca](mailto:jpv@uvic.ca)

#### **Expertise:**

Aquaculture  
Sustainability  
Systems Theory  
Restoration

#### **Related Links**

Dr. Volpe's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=CrFLq6tnFCM>

## **ECONOMICS**

### **Ali Dastmalchian**

Business

Phone: (250) 472-4614

E-mail: [dastmal@uvic.ca](mailto:dastmal@uvic.ca)

Languages: Farsi/Persian

#### **Expertise:**

Organizational Design and Flexibility, Work-Life Balance  
Organizational Climate, Management of Change,  
Organizational Power and Politics, Executive Leadership,  
and Cross-Cultural Management Theory  
Organizational Issues in Health Care Industry

### **Daniel Rondeau**

Dr.

Economics

Phone: (250) 472-4423

E-mail: [rondeau@uvic.ca](mailto:rondeau@uvic.ca)

Languages: French

#### **Expertise:**

My principal areas of research interest are environmental, natural resource and public economics.

I have a special interest for economic issues inherent to the existence and management of controversial wildlife species. I am currently working on the compensation of ranchers and peasants in developing countries for the damage they sustain from predators (e.g. leopards) and large herbivores (e.g. elephants). I have also published on the reintroduction of predators and culling of deer in urban settings.

I am also interested in the unresolved questions regarding the voluntary funding and valuation of public goods,



including the effect of altruism on voting for public programs.

### Stephen Ross

Associate Professor  
English  
*Phone:* (250) 721-7237  
*E-mail:* saross@uvic.ca  
*Languages:* French  
*Expertise:*

- Modernism
- The novel
- Modern British literature
- Literary and critical theory
- Psychoanalysis
- Marxism
- Globalisation

#### Expertise Profile

Dr. Stephen Ross is pushing modernist studies out in new directions.

He is a founding co-director of the Modernist Versions Project (MVP), which is based in the Maker Lab at the University of Victoria.

The MVP aims to spark an interest in differing versions of the same text by making available multiple online versions of early 20th-century literary novels and other texts. From the MVP website these can be studied, searched, and compared.

This unique method of analyzing literature makes it possible to find variations that would be almost impossible to find without a computer.

With different versions of, for example, James Joyce's *Ulysses*, Dr. Ross can make connections between when a version was published and the kinds of cultural changes that were happening at that time.

Modernism itself closely mirrors cultural change, as it is characterized by experimentation and a self-conscious break with traditional styles.

Dr. Ross is currently serving as general editor of the Routledge Encyclopedia of Modernism online. It will feature entries on all aspects of modernism across the arts, across time, and around the world.

Still a work-in-progress, the encyclopedia will let you sort, organize and discover information in new and exciting ways.

Dr. Ross teaches in the Department of English and in the Interdisciplinary Program in Cultural, Social and Political Thought. He also gives a community lecture on the English ghost story.

He finds teaching and public speaking to be excellent

ways of bringing his work directly to the public, showing them where it's going and why it's important.

### Herbert Schuetze

Economics  
*Phone:* (250) 721-8541  
*E-mail:* hschuetz@uvic.ca  
*Expertise:*

My primary areas of research interest are labour economics, public economics and micro econometrics. In particular, my research to this point has focused on issues linked to self-employment. The topics I have examined include: taxes and economic conditions as possible determinants of the recent rise in self-employment, the dynamics of self-employment and male-female differences, the degree of income tax non-compliance by the self-employed and the labour market impacts of short spells in self-employment.

### Paul Schure

Economics  
*E-mail:* schure@uvic.ca  
*Languages:* Fluent: Dutch, German and Italian; some French  
*Expertise:*

- Microeconomics
- Industrial Organization
- Firm Behaviour
- Financial Intermediation
- Banking
- Venture Capital

### Lindsay Tedds

Public Administration  
Economics  
*Phone:* (250) 721-8068  
*E-mail:* ltetts@uvic.ca  
*Expertise:*

Applied microeconometrics; applied econometrics; applied public economics; economics of taxation; tax non-compliance; evasion; avoidance; underground economy; time use.

### Rebecca Warburton

Assistant Professor  
Public Administration  
*Phone:* (250) 721-8066  
*E-mail:* rnwarbur@uvic.ca  
*Languages:* French  
*Expertise:*

I'm a health economist interested in evidence-based policy and practice. Specific interests include patient safety, low-income populations, health technology assessment, and research using administrative data.

**ENVIRONMENTAL PROTECTION**

**Robert Gifford**

Professor

Psychology

School of Environmental Studies

Phone: (250) 721-7532

E-mail: rgifford@uvic.ca

**Expertise:**

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

**Expertise Profile**

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

Today his focus has moved more towards the psychology of sustainability.

Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook Environmental Psychology: Principles and Practice and is the editor of the Journal of Environmental Psychology.

**Related Links**

The Environmental, Social and Personality Lab:  
<http://web.uvic.ca/~esplab/>

**Eric Higgs**

School of Environmental Studies

Phone: (250) 721-8228

E-mail: ehiggs@uvic.ca

**Expertise:**

- Ecological Restoration
- Philosophy of Ecological Restoration
- Policy and Practice of Ecological Restoration (especially in mountain regions and protected areas)
- Historical Ecology, including Cultural and Ecological Change
- Repeat Photography
- Philosophy of Technology

**Expertise Profile**

Climate change, species extinction and extreme weather

are rapidly changing the face of our planet.

Dr. Eric Higgs concentrates on how we can help ecosystems recover from that change.

His integrative approach to ecological restoration draws on resources from philosophy, anthropology and ecology.

Dr. Higgs is trained as a philosopher and ecological planner and uses both to look at the conceptual and ethical issues involved in restoring ecosystems. What responsibility do we as humans have? What intervention methods should we use?

As a professor and former director of the University of Victoria's School of Environmental Studies, Dr. Higgs uses a combination of fieldwork and interdisciplinary learning in many of his undergraduate and graduate classes.

He helms the Mountain Legacy Project, where students and researchers venture to the tops of peaks across BC and Alberta. There, they replicate photos taken over 80 years ago to compare and study change in these mountain environments.

The project makes policy recommendations to bodies such as Parks Canada and the Government of Alberta.

His current research interests include nature and technology, novel and hybrid ecosystems, and cultural changes in the way we value nature.

Future projects include a sequel to Nature by Design, his oft-cited book on how we think about ecological restoration.

**Related Links**

Dr. Higgs' Faces of UVic Research video:  
<http://youtu.be/38GjawDgguA>

**James Lawson**

Political Science

*Phone:* (250) 721-7496*E-mail:* lawsonj@uvic.ca*Languages:* French (some German)**Expertise:**

Forest Policy

Forest Tenure

Natural Resource Politics

Political Economy

Public Policy

BC

Ontario

Maritimes

Newfoundland

occupational health and safety

Economic History

**Asit Mazumder**

NSERC Industry Research Chair

Biology

*Phone:* (472) 4789*E-mail:* mazumder@uvic.ca*Languages:* French, a little Spanish, and Bengali**Expertise:**

### Research Description

Ecology of freshwater and marine ecosystems in fisheries and water quality

### Expertise Profile

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

### Related Links

<http://www.uvic.ca/water/>**Thomas Pedersen**

School of Earth &amp; Ocean Sciences

*Phone:* (250) 217-3641*Languages:* Limited French**Expertise:**

The marine carbon cycle.

Climate policy in British Columbia and elsewhere.

### Expertise Profile

Paleoceanography, in which geochemical and isotopic variations found in marine sediments are used to interpret climate and oceanographic history. The chemical behaviour of mine wastes in the sea and in lakes.

### Related Links

<http://pics.uvic.ca/>

Twitter: @PICSCanada

**Jason Price**

Curriculum and Instruction

*Phone:* (250) 721-7830*E-mail:* jasonp@uvic.ca**Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

**Brian Starzomski**

Ian McTaggart Cowan Professor of Biodiversity Conservation and Ecological Restoration

School of Environmental Studies

*Phone:* (250) 853-3564*E-mail:* starzom@uvic.ca**Expertise:**

- Biodiversity structure and dynamics

- Novel ecosystems

- Ecological monitoring

- Determinants of local diversity in light of climate change

### Expertise Profile

The province of BC is the last "best place on earth" for many plant and animal species. In fact, fully half of all species in Canada call BC home.

Yet climate change and human interference threaten to reduce those numbers drastically.

Dr. Brian Starzomski studies biodiversity in the landscape, its resilience and how best to minimize the threats that plant and animal species face.

He is the winner of the prestigious Ian McTaggart-Cowan Professorship of Biodiversity, Conservation and Ecological Restoration in the School of Environmental Studies at the University of Victoria.

Dr. Starzomski and his lab team work mainly in the field, conducting experiments and observational studies to look

## SOCIAL SCIENCES

at changes in community pattern and structure.

The majority of his work focuses on alpine plant communities in the Coast Mountains of southwestern British Columbia and the blanket bog ecosystems of the Central Coast.

Much of the latter research is funded by the Hakai Beach Institute on the Central Coast, where Dr. Starzomski also teaches some of his undergraduate UVic classes.

In the School of Environmental Studies, he collaborates with Dr. Eric Higgs on the Mountain Legacy Project. They replicate photos taken over 80 years ago to compare and study change in mountain environments.

Dr. Starzomski is part of Ecology@UVic, an effort to unite ecologists across campus, providing a forum that fosters discussion, problem-solving, and collaboration, culminating in outstanding ecological research. &#8232;

### <h3>Related Links</h3>

Dr. Starzomski's Faces of UVic Research video:  
<http://youtu.be/juGant1tEyc>

The Starzomski Lab: <http://web.uvic.ca/~starzom/>

The Mountain Legacy Project: <http://mountainlegacy.ca/>

## EUROPEAN UNION

### Martha O'Brien

Professor

Faculty of Law

*Languages:* French

#### **Expertise:**

- Canadian taxation law
- International taxation law
- International investment law
- Law of the European Union
- Constitutional law

#### <h3>Expertise Profile</h3>

Every rule has a reason. Taxes are no exception.

Martha O'Brien, professor in the Faculty of Law at the University of Victoria, studies Canadian, international and European Union tax law.

One thing she finds fascinating about taxes are their influences, which range from the social to the political to the economic.

Every state must decide who should bear the burden of taxes, why and what should be subsidized. For instance, in Canada we have subsidized health care and education, but we draw the line at cosmetic surgery and post-secondary tuition.

Globalization is also changing tax systems and tax law. Keeping a handle on the current state of the law through

her research allows O'Brien to inform her students of its changing nature.

In her research, O'Brien reviews an area of tax law and then thinks about how it can be improved and where it's weak -- for example, is it enforceable? Much of her time is spent comparing tax law in Canada and the EU, their policies and their functions.

O'Brien got her LL.M. in EU law in Belgium and she is one of only a few Canadian tax scholars who focuses her research on EU issues.

In 2013, Professor O'Brien had the privilege of teaching at the Sorbonne in Paris. She taught comparative federal tax systems in a 12-hour intensive professional master's program in business and tax law.

### Amy Verdun

Jean Monnet Chair

Political Science

*Phone:* (250) 721-7491

*E-mail:* [averdun@uvic.ca](mailto:averdun@uvic.ca)

*Languages:* Dutch, Italian, French and German

#### **Expertise:**

European monetary integration and the creation of a European single currency: Why and how does/did it happen?

European Governance and Enlargement

Theories of European Integration

Transatlantic Foreign and Security Policy Political

Economy of Europe

### <h3>Related Links</h3>

Dr. Verdun's Faces of UVic Research video:

[http://www.youtube.com/watch?v=4\\_XrMCj6bUo](http://www.youtube.com/watch?v=4_XrMCj6bUo)

## FAMILY/CHILDREN

### James Anglin

Child and Youth Care

*Phone:* (250) 721-8550

*E-mail:* [janglin@uvic.ca](mailto:janglin@uvic.ca)

#### **Expertise:**

Assessment of Education and Training Needs in Human Services

Parent Education and Parent Support

Qualitative Research Approaches, Grounded Theory

International Child and Youth Care

Residential Child and Youth Care

Quality Assurance in Child and Family Services

Child Advocacy and Youth in Care

**Marion Ehrenberg**

Psychology

*Phone:* (250) 721-8771*E-mail:* ehrm@uvic.ca**Expertise:**

I study families experiencing divorce and other family transitions.

I am particularly interested in the dynamics of cooperation and conflict in divorced families, how parents and children are affected, and what facilitates or compromises healthy adjustment to family transitions.

**Karen Kobayashi**

Sociology

*Phone:* (250) 721-7574*E-mail:* kmkobay@uvic.ca*Languages:* Japanese**Expertise:**

Aging

Ethnicity

Health

Family

Mixed Methods in Social Research

**Colin Macleod**

Associate Professor

Faculty of Law

Philosophy

Political Science

*Phone:* (250) 721-7521*E-mail:* cmacleod@uvic.ca**Expertise:**

- Contemporary moral and political philosophy (especially theories of justice, children's rights and democratic ethics)
- Philosophy of law

<h3>Expertise Profile</h3>

For Dr. Colin Macleod, philosophy is as much about connecting to real on the ground problems as it is about debating an idea.

Dr. Macleod conducts research in democratic ethics and theory and examines the responsibilities of the various groups that make up a democratic society - citizens, politicians, political strategists and the media.

He has extensive knowledge of law and politics, which allows him to comment on the equality and morality of our own democratic system here in Canada.

His hope is to engage his students and society in considering what "justice" really means. How can we create a more just society?

Much of Dr. Macleod's work focuses on children and family justice and children's rights.

One research project looks at justice in the education system. The study considers what access to educational resources - like textbooks and school supplies - children in

a just society should have.

Another project considers the place of religion in US public education.

Dr. Macleod is one of the founders of the Consortium on Democratic Constitutionalism (DEMCON) at UVic. The consortium is an interdisciplinary and international group of legal, political and social theorists who work on questions of constitutional theory, design and practice.

Dr. Macleod has published multiple articles and volumes on various subjects including contemporary moral and political philosophy, justice and equality, democratic theory, the nature of law, and children's rights.

<h3>Related Links</h3>

Dr. Macleod's website:

[http://web.uvic.ca/~cmacleod/Colin\\_Macleod/Welcome.html](http://web.uvic.ca/~cmacleod/Colin_Macleod/Welcome.html)

**Douglas Magnuson**

Child and Youth Care

*Phone:* (250) 721-6479*E-mail:* dougm@uvic.ca**Expertise:**

Youth Development

Youth Work

Evaluation Models

Child protection practice

Quantitative and qualitative methods

**Lynne Marks**

History

*Phone:* (250) 721-7392*E-mail:* lsmarks@uvic.ca**Expertise:**

- Social history of religion/irreligion

- Canadian history

- Women's/Gender history

- History of social welfare and current issues in social welfare/social policy.

<h3>Expertise Profile</h3>

To understand why British Columbians are less religious than the rest of Canada, we need to step back in time to the 19th century.

History professor Dr. Lynne Marks unearths the historical roots of the West Coast's secular behaviour from the 1880s to World War I. In a manuscript she authored, Dr. Marks explores how factors such as ethnic diversity and religious practice in 19th century British Columbia influenced people's perceptions on gender and social class.

To the people of that time, choosing a religion or none impacted the way they understood their lives, she says. Dr. Marks looks at how their choices have shaped our present culture, down to why gay rights don't stir as much

## SOCIAL SCIENCES

uproar in this province as in Ontario.

Dr. Marks has recently begun a new project with Dr. Margaret Little of Queen's department of politics and gender studies that explores the second wave women's movement in Canada from the late 1960s to the 1980s, looking particularly at how different elements of the women's movement perceived issues of motherhood and family.

In class, Dr. Marks refrains from imposing her opinions on the research matter, but rather, facilitates discussion forums so her students can think for themselves and contribute to her area with new insights.

### **Tara Ney**

Assistant Professor  
Human and Social Development  
Public Administration  
Phone: (250) 721-8199  
E-mail: tney@uvic.ca

#### **Expertise:**

Conflict theory, participatory governance mechanisms, restorative justice, discourse theory

### **Jason Price**

Curriculum and Instruction  
Phone: (250) 721-7830  
E-mail: jasonp@uvic.ca

#### **Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

### **Susan Strega**

Professor  
School of Social Work  
Phone: (250) 721-8333  
E-mail: sstrega@uvic.ca

#### **Expertise:**

- Violence against women
- Sex work and the sexual exploitation of children and youth
- Child welfare
- Research practices and methodologies
- Anti-oppressive practices and teaching

#### **Expertise Profile**

Whether she's advocating for parents or children caught up in child protection, or for more resources for street sex workers, Susan Strega does so with a deep sense of social justice.

Dr. Strega is a researcher in the School of Social Work whose current work is investigating the "demand side" of street sex work.

Along with two researchers from the sociology department, Helga Hallgrimsdottir and Steven Garlick, she is conducting face-to-face interviews with a mostly invisible population - male customers of street sex workers.

Their goal is to better understand the relationship between customer behaviour and masculinity, and how relationships between these men and the sex workers they patronize affect the experiences and trajectories of workers.

In a previous project, "Someone's Mother, Sister or Daughter," Dr. Strega and a Social Work research team - including Robina Thomas, Jeannine Carriere, and Leslie Brown - heard from street sex workers, and family members of street sex workers, in Winnipeg, Regina, Calgary and Edmonton about their lives, family relationships, and transitioning into and out of street sex work.

The team also collected and analysed media coverage of street sex work and the families of street sex workers. Among their findings, the team noted that research participants were active in resisting demeaning media coverage of workers, and advocated for themselves and other workers and family members.

Previous research projects focused on fathers and child welfare, young mothers in government care, and "failure to protect" practices and policies in child protection.

Dr. Strega's commitment to conducting research in socially just ways led her, with her colleague Leslie Brown, to edit a collection of work on socially just approaches to research, *Research as resistance* (CSPI, 2005). A second edition of this book is forthcoming.

#### **Related Links**

Dr. Strega's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=KPMhuEClswE>

## **GENDER**

### **Elizabeth Adjin-Tettey**

Professor and Associate Dean, Administration and Research  
Faculty of Law  
Phone: (250) 721-8182  
E-mail: eadjinte@uvic.ca

#### **Expertise:**

- Torts, specifically personal and fatal injuries
- Critical race and feminist theory
- Effect of laws on marginalized groups and individuals
- Judicial and government responses to claims of institutional abuse, special focus on Indigenous residential school survivors
- Remedies for personal and fatal injuries focusing on issues of inequalities in the assessment of damages for claimants from disadvantaged backgrounds

### Expertise Profile

The law is not a set of arbitrary rules; it applies to living, breathing human subjects.

Dr. Elizabeth Adjin-Tetty studies how those subjects are sometimes treated differently under the law.

She focuses on marginalized groups such as women, racialized and Indigenous peoples and their treatment in private law cases. Private law refers to cases such as personal injury claims and insurance claims, those not involving the state.

In the case of insurance, Dr. Adjin-Tetty has looked into specific cases of domestic violence where the family home is burnt down and the victim can't claim their insurance because spouses are seen as co-insurers.

In her study of personal injury claims, Dr. Adjin-Tetty focuses on how the courts decide on remedies, which are what the injured party is entitled to as compensation.

One recent project looks at sexual assault claims and how they tend to be treated differently than other personal injury claims. In these cases, sexual assault claims often result in psychological injury but victims tend to be compensated less compared to those who suffer physical injuries. Why is that and how can it change?

Dr. Adjin-Tetty's research is directly related to the classes she teaches and she often brings in her own work to class.

In the classroom, her mantra is, "Let's not only talk about what the law is but who it affects and whether or not it actually is making a difference in people's lives."

Dr. Adjin-Tetty is the Associate Dean, Administration and Research in the Faculty of Law at the University of Victoria.

### Janni Aragon

Political Science

Phone: (250) 721-8796

E-mail: DTIL@uvic.ca

#### Expertise:

Gender & Politics, American Politics, Feminist Theories and Methodologies (including 3rd Wave Feminisms), Social Movements, Youth and Politics, Pedagogy, and Transnational Feminisms

### Sikata Banerjee

Women's Studies

Phone: (250) 721-6158

E-mail: sikatab@uvic.ca

Languages: Bengali and Hindi

#### Expertise:

- Women and politics
- Gender, nation and war
- Indian politics
- Nationalism
- Masculinity

### Expertise Profile

Muscular nations impose expected ways of behaving on their men and women, says Dr. Sikata Banerjee.

The professor of women's studies and associate dean of humanities at UVic developed the idea of muscular nationalism, which she describes as a community that imagines itself as strong, muscular and warrior-like.

This vision ultimately shapes the political representation of a nation, affecting decisions on whether money should be spent on war or on schools and hospitals, what material should be taught in school, and who is defined as a good or bad citizen.

Dr. Banerjee specifically focuses on muscular nationalism in India and what it means for the country to prove its strength. She explores these issues further in her latest book, "Muscular Nationalism: Gender, Violence, and Empire in India and Ireland."

But her voice reaches out farther than the spine-bound page; her classes are where she circulates her ideas the most, dispelling myths about masculinity and femininity generated by pop culture.

Dr. Banerjee also presents guest lectures on campus; in a 2010 public discussion forum alongside faculty colleague Janni Aragon, she analyzed Stephenie Meyer's Twilight character Jacob as a way of studying how minority groups, such as Indigenous men, fit in with the ideal of the muscular man.

Her other area of focus relates to women's issues in India. She is sometimes interviewed by the news media on issues related to this topic, most recently on the verdict that was pronounced in September 2013 against the four men who were convicted of raping and murdering a New Delhi woman.

### Related Links

Dr. Banerjee's Faces of UVic Research video:

<http://www.youtube.com/watch?v=xw5q0w6pgEU>

## SOCIAL SCIENCES

### **Cecilia Benoit**

Professor  
Centre for Addictions Research of BC  
Sociology  
Phone: (250) 853-3132  
E-mail: cbenoit@uvic.ca

#### **Expertise:**

- Social equity and social justice
- Sex work and social rights
- Midwifery and maternity care
- Substance use
- Stigma and resiliency
- Street-involved youth
- Aboriginal women's health
- Intersectionality

#### <h3>Expertise Profile</h3>

Dr. Cecilia Benoit conducts the kind of research that pulls vulnerable and hidden populations from the shadows of social stigma in British Columbia and across Canada.

The sociologist has worked on projects including the legalization of midwives in Canada since 1993, the health of Aboriginal girls and women in Vancouver's Downtown Eastside, and a HerWay Home program for pregnant women using substances in Victoria - an initiative that provides this group with better access to clinical services and advocates affordable housing.

Dr. Benoit also leads a nation-wide project examining situations where violence arises in the sex industry and the well-being of sex workers in general.

So far, the study has empowered male, female and transgender sex workers to develop resilience against stigma, and the ability to maintain a positive sense of mental, emotional and physical well-being during times of difficulty and transition.

Dr. Benoit's work on the sex industry is challenging parts of the Criminal Code of Canada and dispelling some of the negative stereotypes the public has about sex workers.

"It's the attitudes and actions of the majority who hold power that has to change," she says. "People are becoming unhealthy because of the views society imposes on them."

Dr. Benoit's direct experience with studying the lives of sex workers shapes the way she approaches her class topics. She brings a more complex and realistic understanding of sex workers who are more diverse and have greater agency than current stereotypes portray.

#### <h3>Related Links</h3>

Dr. Benoit's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=vnT5Mfdw4Jo>

### **Laurel Bowman**

Assistant Professor  
Greek and Roman Studies  
Phone: (250) 721-8517  
E-mail: lbowman@uvic.ca  
Languages: Latin, Ancient Greek, French and German  
(all but French reading only)

#### **Expertise:**

- Ancient Greek literature, especially tragedy
- Classical mythology in popular culture
- Female-authored Greek poetry
- Ancient Greek literature and world on film
- Modern revisions of Greek literature

#### <h3>Expertise Profile</h3>

If ancient texts weren't still relevant today, we wouldn't be reading them.

The very fact that society still studies ancient Greek literature is proof of its lasting power, says Greek and Roman Studies assistant professor Dr. Laurel Bowman.

Her area of interest lies specifically in Greek tragedy, a genre she says has inspired countless other works of literature, right up to modern day film and television.

Dr. Bowman persistently highlights the role, or lack of one, of women, the construction of gender and the significance of that construction in any text she looks at.

Her most recent research project focuses on a recent translation of Homer's The Iliad by poet Alice Oswald. The poem concentrates only on the death scenes and the similes. Dr. Bowman argues that the translation highlights the depths of human sacrifice, torment and loss suffered by the foot-soldiers, and by their families and communities, as a result of the Trojan War.

Another research project focuses on the myth of the sacrificial virgin and its presence in pop culture, specifically the works of writer/director Joss Whedon of Buffy the Vampire Slayer fame.

She brings her research on Antigone or Electra into the classroom, where her enthusiasm for the subject matter is palpable.

Dr. Bowman's hope is that everyone comes out of her classes with a new filter to look at the stories they read, the films they watch and even the newspapers they pick up.

#### <h3>Related Links</h3>

Dr. Bowman's Faces of UVic Research video:  
<http://youtu.be/uBzPM-21Hbc>



**Maureen Bradley**

Writing

Phone: (250) 721-6308

E-mail: bradley@uvic.ca

**Expertise:**

Film and Video Production

Screenwriting

Literary Adaptations for the Screen

Dr. Bradley's Faces of UVic Research video:

[http://www.youtube.com/watch?v=P5\\_xLQOJ6GE](http://www.youtube.com/watch?v=P5_xLQOJ6GE)**Thea Cacchioni**

Assistant Professor

Women's Studies

E-mail: tcacchio@uvic.ca

**Expertise:**

- Medicalization and healthization of sex
- Sexual 'function' and 'dysfunction' in women
- Sexual pain
- Heteronormativity

**Expertise Profile**

Thea Cacchioni is highly recognized for preventing the approval of a failed anti-depressant drug Flibanserin, dubbed pink Viagra, in 2010, after it caused severe 'unsexy' side effects in pre-menopausal women.

Dr. Cacchioni is a sociologist and Women's Studies professor. Her work has mapped the trials and tribulations of the drug company race to find a sexual pharmaceutical for women. She is interested in this case study as an example of the lengths that drug companies will go to in the name of profit, as well as what the language around these drugs tells us about social constructions of gender and sexuality.

According to Dr. Cacchioni, sexuality is far more complex than is imagined by the sexual pharmaceutical industry. Solving sexual problems is going to take more than a blue pill for him and a pink pill for her. She adds that sexual problems are rarely physiological, internal conditions, but rather interpersonal, social and cultural. A magic bullet pill cannot address these other issues.

Dr. Cacchioni also argues that sexual expectations and norms shift from era to era and culture to culture. She says people should be aware that pharmaceutical companies are increasingly oversimplifying the way we see human sexuality.

In classes at UVic, Dr. Cacchioni examine how science, medicine, and the pharmaceutical industry shape understandings of sex, gender, and sexuality more broadly. Examples include nineteenth century constructions of homosexuality, the systematic surgical alternation of intersex infants in North America, medical gatekeeping around transgender surgeries, debates surrounding the HPV vaccine, and the construction of race

in health promotion.

**Related Links**

Dr. Cacchioni's departmental website:

<http://www.uvic.ca/humanities/women/people/faculty/cacchionithea.php>**Robert Dalton**

Curriculum and Instruction

**Expertise:**

My research examines the periphery of the art world and examines ways of bringing that into the art curriculum. Those areas include child art, First Nations art and the art of other minority groups, mass media, and outsider art. I am also interested in critical analysis of children's art exhibitions, intergenerational art experiences, and studio pedagogy.

**Maneesha Deckha**

Associate Professor

Faculty of Law

Phone: (250) 519-4717

E-mail: mdeckha@uvic.ca

**Expertise:**

- Reproductive health and health law
- Bioethics
- Law and culture
- Law and Society
- Feminist Legal Theory
- Critical Animal Studies

**Expertise Profile**

Our laws on animals reflect outdated values, says law professor Maneesha Deckha, who explores why the law can be slow to change and how it can move forward.

"Our current laws about animals are as outdated as laws about child labour and women's rights were many years ago," she says. "As a society that claims to care about its weakest members, we need to challenge our thinking about the legal status of animals."

With few exceptions, Canadian law divides all legal entities into persons or property, and it describes animals as property. In other words, we can pamper them, cage them, even kill them, as long we don't cause "unnecessary suffering" while we're doing it.

Professor Deckha believes animals should have an alternative legal status that provides better protection, but does not believe that personhood is an ideal status for animals. "Animals deserve the protection from exploitation personhood provides, but I'm dissatisfied with the personhood model for animals, because it is very much tied to the human form and shape and fits non-human entities poorly," she says.

Professor Deckha's research into animal law springs from her interest in issues such as feminism, anti-racism, and

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health law and policy. "I'm fascinated with how unjust laws denying personhood for women and other disadvantaged groups changed as societal attitudes shifted. It seems natural to extend this to the way our laws treat non-humans, or animals."

When Professor Deckha teaches, she uses interactive learning techniques to get students more involved. She often has students take part in role-playing or structured debates that allow them to engage with the material. "It leads to better learning," she says, "because they're immediately processing rather than just transcribing a lecture on their laptops and then looking at their notes two weeks before an exam."

### <h3>Related Links</h3>

Professor Deckha's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=inG1B6It6IA>

### **Aaron Devor**

Professor  
Sociology  
Libraries, Archives  
Libraries, Special Collections

*Phone:* (250) 721-7577

*E-mail:* [ahdevor@uvic.ca](mailto:ahdevor@uvic.ca)

#### **Expertise:**

- Gender Variance and Diversity
- Sexuality and Sexual Diversity
- Transgender Experience Across the Life Course
- Transsexualism
- Lesbian, Gay, Bisexual, Transgender and Queer Movements for Social Change
- The Life of Reed Erickson and the Impact of the Erickson Educational Foundation

#### <h3>Expertise Profile</h3>

Transgendered people are among the most discriminated-against people in the world today, says sociologist Aaron Devor.

Even though society is becoming increasingly welcoming toward transgendered people, many of them continue to face verbal and physical abuse, and even murder. In many countries, there are no laws that protect transgender people against discrimination.

Dr. Devor studies how society perceives transgendered individuals, and what contributes to making it safer for them to express their identities. He is an author of the "Standards of Care" published by the World Professional Association for Transgendered Health. Devor explains that "It's a very important document because it specifies the appropriate and most beneficial way to treat people who come to health care professionals for assistance in changing their gender."

In his classes, he includes content about transgender people to emphasize that they are part of the spectrum of humanity: "I make sure," he says, "that people remember

there are many different genders."

Dr. Devor is also the founder and academic director of the world's largest archival collection of documents recording the history of research and activism concerning transgendered people. He says that the Transgender Archives collection is promoting a positive future for transgendered individuals: "To thrive, people need to know their history and to be able to tell their stories with dignity and pride."

The archives, which are located at UVic, contain works from over 17 countries spanning more than 50 years of activism and 100 years of research and include enough material to fill a shelf the length of a football field.

### <h3>Related Links</h3>

-Aaron Devor's Faces of UVic Research video:

[www.youtube.com/watch?v=kuv5rUUmFqY](http://www.youtube.com/watch?v=kuv5rUUmFqY)

-The Transgender Archives website:

[www.transgenderarchives.uvic.ca/](http://www.transgenderarchives.uvic.ca/)

-The Transgender Archives Facebook page:

[www.facebook.com/UVicTransArchives](http://www.facebook.com/UVicTransArchives)

-The Transgender Archives: Foundations for the Future pdf:

[www.uvic.ca/library/about/ul/publications/Devor\\_Foundations\\_for\\_the\\_Future.pdf](http://www.uvic.ca/library/about/ul/publications/Devor_Foundations_for_the_Future.pdf)

### **Timothy Hopper**

Assistant Professor  
School of Exercise Science, Physical and Health Ed  
Elementary Teacher Education  
Secondary Teacher Education

*Phone:* (250) 721-8385

*E-mail:* [thopper@uvic.ca](mailto:thopper@uvic.ca)

#### **Expertise:**

My research interests divide into three main areas:

- E-potfolios and teacher education program renewal
- Socialization in physical education teacher education
- School Integrated Teacher Education
- Teaching Games for Understanding

### **Karen Kobayashi**

Sociology  
*Phone:* (250) 721-7574  
*E-mail:* [kmkobay@uvic.ca](mailto:kmkobay@uvic.ca)  
*Languages:* Japanese

#### **Expertise:**

- Aging
- Ethnicity
- Health
- Family
- Mixed Methods in Social Research

**Lynne Marks**

History

*Phone: (250) 721-7392**E-mail: lsmarks@uvic.ca***Expertise:**

- Social history of religion/irreligion
- Canadian history
- Women's/Gender history
- History of social welfare and current issues in social welfare/social policy.

**Expertise Profile**

To understand why British Columbians are less religious than the rest of Canada, we need to step back in time to the 19th century.

History professor Dr. Lynne Marks unearths the historical roots of the West Coast's secular behaviour from the 1880s to World War I. In a manuscript she authored, Dr. Marks explores how factors such as ethnic diversity and religious practice in 19th century British Columbia influenced people's perceptions on gender and social class.

To the people of that time, choosing a religion or none impacted the way they understood their lives, she says. Dr. Marks looks at how their choices have shaped our present culture, down to why gay rights don't stir as much uproar in this province as in Ontario.

Dr. Marks has recently begun a new project with Dr. Margaret Little of Queen's department of politics and gender studies that explores the second wave women's movement in Canada from the late 1960s to the 1980s, looking particularly at how different elements of the women's movement perceived issues of motherhood and family.

In class, Dr. Marks refrains from imposing her opinions on the research matter, but rather, facilitates discussion forums so her students can think for themselves and contribute to her area with new insights.

**Carol McDonald**

School of Nursing

*Phone: (250) 472-5280**E-mail: carolmcd@uvic.ca***Expertise:**

Research interests with lesbian women and in particular the intersection of multiple oppressions experienced as heterosexism/ageism/ableism in health and social services.

**Graham McDonough**

Curriculum and Instruction

*Phone: (250) 721-7779**E-mail: gpmcd@uvic.ca***Expertise:**

- Philosophy of Education
- Moral Education
- Dissent
- Minority Rights
- Religious Education and Catholic Education
- Religion/Spirituality in Schools
- Philosophy in High Schools

**Expertise Profile**

You can express disagreement on an issue while remaining part of the larger group with which you disagree, says Dr. Graham McDonough.

The philosophy of education professor studies dissent - how we treat the people who speak out against the popular views of society or groups within it, and in a way that benefits other minority members who are oppressed by the majority group.

Specifically, Dr. McDonough looks at dissent in the context of religious education in publicly-funded Catholic schools. Some Catholic students and parents in these schools experience frustration because the church disapproves of artificial contraception and considers homosexuality "disordered." Others perceive a lack of support when their complaints that the school is "not Catholic enough" seem to have no impact.

His book, *Beyond Obedience and Abandonment: Toward a Theory of Dissent in Catholic Education*, further explores these inner conflicts and challenges 21st-century Catholic schools to provide more support for dissenting views. Doing so will overcome the limitations of thinking that there is only one way to be Catholic.

"I would love to see more examples of diversity within religious groups or in any group generally so that one spokesperson who has a lot of control doesn't necessarily speak for everybody," he says.

Dr. McDonough likes to "put the experience before the theory" when teaching the philosophy of education. Students engage in role-playing and then discuss the merits, contributions and treatment of the minority view.

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### **Catherine McGregor**

Educational Psychology & Leadership Studies

Phone: (250) 721-7757

E-mail: edadgr@uvic.ca

#### **Expertise:**

My doctoral work illustrated the connections between civic agency, aesthetic production and social/civic change among youth in a northern BC community. I am currently a collaborator with Dr. Wanda Cassidy (SFU Centre for Education, Law and Society) in a project designed to extend our understandings of how youth develop civic and legal literacies. This project will explore a range of youth civic activities in both Victoria and Vancouver.

I have extended this field of inquiry into teacher education, exploring the relationships between pre-service teacher beliefs about agency, civic and social justice learning, school/community based learning, aesthetic and technological production practices, and its intersection with notions of teacher leadership, and democratic inclusion. Discourse theory, sociocultural learning theory, critical pedagogies and practices, and semiotic analysis inform this work.

I am also interested in gender and leadership; democratic and social justice leadership; and the relationships between leadership and educational policy. In particular, I focus on how policy environments are products of social, cultural, historical and political discourses, and consider how deconstructing social, cultural and institutional norms and expectations provide opportunities for educational policy makers and teacher leaders to create more inclusive, socially just schools and communities.

In the field of research methodology, my work fits within the qualitative, interpretive, post modern /post structuralist paradigm; I am most interested in auto-ethnographic, narrative, and critical ethnography, as well as aesthetic forms of research and representation.

### **Mehmoona Moosa-Mitha**

Dr.

School of Social Work

Phone: (250) 721-8041

E-mail: mehmoona@uvic.ca

Languages: Gujarati and Swahili

#### **Expertise:**

Citizenship Rights of Children  
Social Policy Development in Relation to Marginalised Children  
Anti-Racist Feminist Theorisation and Analysis  
Child Welfare Social Work Practice

### **Laura Parisi**

Associate Professor

Women's Studies

Phone: (250) 472-4277

E-mail: lparisi@uvic.ca

#### **Expertise:**

- Gender and international human rights
- International development
- Globalization studies
- Transnational activism
- Feminist methodology

#### **Expertise Profile**

If you look at who is the most poor in the world, it is women, whether they live in a developing country such as Zambia, or in Canada, says Dr. Laura Parisi.

Dr. Parisi is a women's studies professor and political scientist who studies gender and international human rights, international development, and globalization. She is working on two projects that examine the impact of current trends in international development policy on the achievement of gender equality.

The first, partnered with the Victoria International Development Education Association, looks at how changes in international development funding are affecting women's human rights organizations in southern Africa.

"Many human rights organizations in these countries have lost 70-80 per cent of their funding to do their projects, and some have actually closed," says Dr. Parisi.

Programs being impacted include those that support girls going to school, and those that promote an end to childhood marriage. Other long-term programs at risk include violence reduction and decreasing maternal mortality rates.

"In every country, including Canada, poverty is the biggest obstacle to achieving gender, racial and sexual equality," she says.

Dr. Parisi's second project looks at globally accepted strategies, or gender mainstreaming practices, for promoting gender equality. She looks at how the widespread policies of these practices influences or constrains those of human rights organizations around the world.

Dr. Parisi has worked with the UN as a researcher and activist, giving behind-the-scenes experience to her students who learn everything from activist skills to policy-making. Through her classes, they also get to understand where, as citizens, they fit into the economy and politics.

#### **Related Links**

Dr. Parisi's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=C1JvZfYw4IE>

Dr. Parisi's departmental website:  
<http://www.uvic.ca/humanities/women/people/faculty/parisilaura.php>

### **Helen Raptis**

Associate Professor  
 Curriculum and Instruction

*Phone:* (250) 472-5076

*E-mail:* hraptis@uvic.ca

*Languages:* French, Spanish and Greek

#### **Expertise:**

- Intersection of government policy and minority learners
- Social and historical foundations of education in British Columbia
- Multicultural and anti-racist education
- School effectiveness and school improvement
- Examination of two generations of Tsimshian learners (from the Terrace region) to understand how government policies of segregation and integration shaped their schooling and their adulthood.

#### <h3>Expertise Profile</h3>

Residential schools represent part of the story in understanding education and Indigenous communities, says Dr. Helen Raptis.

The professor in Curriculum and Instruction studies the history of education, specifically the intersection of minority learners and formal education systems.

Looking at the period from 1900-1969, Dr. Raptis has determined that more Indigenous students attended on-reserve day schools than residential schools.

She is contributing to a fuller story on Indigenous communities by examining how Aboriginal children transitioned from Aboriginal day schools to public schools.

In a recent project, Dr. Raptis collected narratives from two generations of Tsimshian learners to see how government policies of segregation and integration impacted their schooling and transition to adulthood.

Her findings enabled both the elders and their offspring to know more about each other and their own communities. It also showed that day schools were less benign than historians have previously thought.

Understanding the history of education can help us avoid the pitfalls of the past and enable learners of all genders, race, and culture to succeed at school, she says. Her research may even help us understand why the high school graduation rate for Aboriginal students is around 60 per cent.

Dr. Raptis's background in government consulting and teaching prior to becoming a professor gives her a multi-faceted approach to delivering classes.

In addition to her work with Indigenous communities, Dr. Raptis is also working on an interactive website, The Educational Heritage Museum, to enhance the learning and teaching of education history. The project is a partnership with Lower Vancouver Island Retired Teachers and UVic's Faculty of Education.

#### <h3>Related Links</h3>

Dr. Raptis' Faces of UVic Research video:  
[http://www.youtube.com/watch?v=tWMf2n\\_LvPQ](http://www.youtube.com/watch?v=tWMf2n_LvPQ)

The Education Heritage Museum website:  
[www.educationheritage.ca](http://www.educationheritage.ca)

### **Stephen Ross**

Associate Professor

English

*Phone:* (250) 721-7237

*E-mail:* saross@uvic.ca

*Languages:* French

#### **Expertise:**

- Modernism
- The novel
- Modern British literature
- Literary and critical theory
- Psychoanalysis
- Marxism
- Globalisation

#### <h3>Expertise Profile</h3>

Dr. Stephen Ross is pushing modernist studies out in new directions.

He is a founding co-director of the Modernist Versions Project (MVP), which is based in the Maker Lab at the University of Victoria.

The MVP aims to spark an interest in differing versions of the same text by making available multiple online versions of early 20th-century literary novels and other texts. From the MVP website these can be studied, searched, and compared.

This unique method of analyzing literature makes it possible to find variations that would be almost impossible to find without a computer.

With different versions of, for example, James Joyce's *Ulysses*, Dr. Ross can make connections between when a version was published and the kinds of cultural changes that were happening at that time.

Modernism itself closely mirrors cultural change, as it is characterized by experimentation and a self-conscious break with traditional styles.

## SOCIAL SCIENCES

Dr. Ross is currently serving as general editor of the Routledge Encyclopedia of Modernism online. It will feature entries on all aspects of modernism across the arts, across time, and around the world.

Still a work-in-progress, the encyclopedia will let you sort, organize and discover information in new and exciting ways.

Dr. Ross teaches in the Department of English and in the Interdisciplinary Program in Cultural, Social and Political Thought. He also gives a community lecture on the English ghost story.

He finds teaching and public speaking to be excellent ways of bringing his work directly to the public, showing them where it's going and why it's important.

### **Susan Strega**

Professor  
School of Social Work  
Phone: (250) 721-8333  
E-mail: sstrega@uvic.ca

#### **Expertise:**

- Violence against women
- Sex work and the sexual exploitation of children and youth
- Child welfare
- Research practices and methodologies
- Anti-oppressive practices and teaching

#### **Expertise Profile**

Whether she's advocating for parents or children caught up in child protection, or for more resources for street sex workers, Susan Strega does so with a deep sense of social justice.

Dr. Strega is a researcher in the School of Social Work whose current work is investigating the "demand side" of street sex work.

Along with two researchers from the sociology department, Helga Hallgrimsdottir and Steven Garlick, she is conducting face-to-face interviews with a mostly invisible population - male customers of street sex workers.

Their goal is to better understand the relationship between customer behaviour and masculinity, and how relationships between these men and the sex workers they patronize affect the experiences and trajectories of workers.

In a previous project, "Someone's Mother, Sister or Daughter," Dr. Strega and a Social Work research team - including Robina Thomas, Jeannine Carriere, and Leslie Brown - heard from street sex workers, and family members of street sex workers, in Winnipeg, Regina,

Calgary and Edmonton about their lives, family relationships, and transitioning into and out of street sex work.

The team also collected and analysed media coverage of street sex work and the families of street sex workers. Among their findings, the team noted that research participants were active in resisting demeaning media coverage of workers, and advocated for themselves and other workers and family members.

Previous research projects focused on fathers and child welfare, young mothers in government care, and "failure to protect" practices and policies in child protection.

Dr. Strega's commitment to conducting research in socially just ways led her, with her colleague Leslie Brown, to edit a collection of work on socially just approaches to research, *Research as resistance (CSPI, 2005)*. A second edition of this book is forthcoming.

#### **Related Links**

Dr. Strega's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=KPMhuEClswE>

## **GEOGRAPHY**

### **Christopher Darimont**

Hakai-Raincoast Conservation Scholar  
Geography  
E-mail: darimont@uvic.ca

#### **Expertise:**

#### **Research Description**

Chris Darimont is an interdisciplinary conservation scientist who applies natural and social science tools to confront conservation problems that are both conceptually interesting and acutely applied. Although Chris and his fledgling lab group have broad scholarly interests, they maintain three primary research domains: i) landscape ecology at the marine-terrestrial interface, ii) conservation biology of harvest management, and iii) conservation ethics.

#### **Expertise Profile**

The wildlife and people of the central coast of British Columbia – an area popularly known as the Great Bear Rainforest – comprise a study system of particular interest. While this geographic focus invokes a strong sense of place, the research is designed to have a global reach.

Chris' interdisciplinary roots can be traced to broad training and a wide network of collaborators. After earning a PhD in Evolution and Ecology from the University of Victoria, his postdoctoral work took him to the University of California, Santa Cruz, and a large group of research partners – conservation leaders from First Nations communities of coastal British Columbia. He maintains these important relationships, which guide his

research interests. Although many conceive these collaborations as opportunities to develop the capacity of First Nations, Chris views them as prospects to develop his own capacity as an applied scholar. Finally, much of Dr. Darimont's development can be traced to his long-term affiliation with the science-based eNGO Raincoast Conservation Foundation, having served as its Director of Science.

This background has cultivated in Chris a sense of responsibility to engage in outreach. His work is commonly featured in high-profile media (e.g., National Geographic television, New York Times).

### <h3>Related Links</h3>

<http://www.web.uvic.ca/~darimont/>

<http://geography.uvic.ca/people/faculty/darimont.php>

TWITTER@chrisdarimont

### **Philip Dearden**

Professor

Geography

*Phone:* (250) 721-7335

*E-mail:* profdearden@gmail.com

*Languages:* Thai

#### **Expertise:**

- Conservation
- Ecotourism with a special focus on communities and protected areas
- Marine protected areas in the tropics and Canada
- Marine wildlife tourism
- Climate change

Marine protected areas in tropics and Canada

<h3>Expertise Profile</h3>

The 2014 Living Planet Index shows that species' populations have dropped by 50 percent since 1970. With increasing numbers of species on the World Endangered List, many scientists feel we are on the brink of a major mass extinction. The oceans are particularly vulnerable because global protection mechanisms, such as national parks, are not as well developed as on the terrestrial areas of the globe, with under 3 percent protected.

We rely on the ocean's biodiversity: even the smallest organisms like phytoplankton are important. "We would not be breathing oxygen now if it wasn't for the phytoplankton in the ocean. Every second breath you take comes from the ocean," Geographer Dr. Philip Dearden says.

Dr. Dearden studies the biodiversity of terrestrial and marine environments, but he focuses on marine environments because of the lack of adequate protective mechanisms, his main area of research expertise.

For over forty years, he has worked with communities and organizations across the world to implement sustainable practises. He says conservation is mostly about human behaviour modifications: "We work with communities, and we see how we can lessen their impact and yet build them sustainable livelihoods." Much of his work is concentrated in the tropics where the pressures on biodiversity are the strongest and his research teams have worked in Ghana, Tanzania, Mexico, Sri Lanka, India and throughout Southeast Asia.

In Thailand, Dr. Dearden shows fishermen the economic value of preserving coral for tourism. Often, fishermen dynamite reefs to stun the fish and make them float to the surface, but this also blasts the coral. Dr. Dearden and his team work with those communities to prove that they can make more money by giving dive tours than by dynamiting coral for fish. He says, "We replace a destructive practice with tourism, but then we also have to ensure that tourism is well-managed." A rapidly emerging problem is climate change as the reefs die due to higher water temperatures and Dr. Dearden's team are examining ways to make marine protected areas and communities more resilient to these changes.

### <h3>Related Links</h3>

<http://people.geog.uvic.ca/?q=pdearden>

Faces of UVic Research video:

<http://www.youtube.com/watch?v=3XvD7eNMKoM>

### **Wanda Hurren**

Associate Dean, Administration

Curriculum and Instruction

*Phone:* (250) 472-4246

*E-mail:* whurren@uvic.ca

#### **Expertise:**

I continue to explore links between Place, Identity, Aesthetics and Epistemology. I have completed two studies funded by the Social Sciences and Humanities Research Council of Canada; one examined how space is used in public secondary schools and implications for policies and practice regarding equitable use of school space; another explored approaches to mapping place so that links between people and places are more evident. Both studies explored how where we are influences who we are.

I am currently conducting a study on the UVic campus, titled "Constructing Sights" that is exploring how an attention to aesthetics influences how we "think and do" in places, particularly in places of work, and particularly during a construction project.

## SOCIAL SCIENCES

### **Janelle Jenstad**

Professor

English

Phone: (250) 721-7245

E-mail: [jenstad@uvic.ca](mailto:jenstad@uvic.ca)

Languages: French

#### **Expertise:**

- Shakespeare in performance
- Editing and bibliography
- The literature and culture of London in the 16th and 17th centuries
- Digital humanities, GIS, and text encoding
- London livery companies and civic pageantry

#### <h3>Expertise Profile</h3>

Dr. Janelle Jenstad is interested in building communities for scholars, students and the public alike.

As founder and director of The Map of Early Modern London, she digitally maps cultural documents onto a bird's-eye view of 16th- and 17th-century London, England.

In the same way that maps were used in Shakespeare's time to build a community identity among newcomers flocking to London, Dr. Jenstad's digital map is attracting a widening circle of online devotees.

She is also the assistant coordinating editor of Internet Shakespeare Editions (ISE). The ISE receives over a million hits a month and is used in rehearsal halls and classrooms around the world.

As a professor in the Department of English at the University of Victoria, Dr. Jenstad is increasingly interested in how students learn.

She is certified to administer the Myers-Briggs Type Indicator test, a personality assessment tool commonly given to college and university students. This comes in handy when she's mentoring teaching assistants on how to teach -- they can learn their type to find their own personalized teaching style.

Dr. Jenstad also lectures regularly on Shakespeare in performance for classes and audiences across Canada, and writes about Canadian productions and adaptations of Shakespeare. She has curated two exhibits on Shakespeare and opera in partnership with Pacific Opera Victoria.

Dr. Jenstad's research interests include Shakespeare and his contemporaries, editing, mapping literature, early modern London, and digital humanities.

#### <h3>Related Links</h3>

Dr. Jenstad's Faces of UVic Research video:

<http://www.youtube.com/watch?v=klkLh76fOc8>

The Map of Early Modern London

<http://mapoflondon.uvic.ca>

Internet Shakespeare Editions

<http://internetshakespeare.uvic.ca>

### **Trisalyn Nelson**

Geography

E-mail: [trisalyn@uvic.ca](mailto:trisalyn@uvic.ca)

#### **Expertise:**

My primary research interests include: the development and application of methods for spatial analysis, spatial-temporal pattern analysis, and geographic information science.

I am interested in using spatial analysis to answer applied questions that relate to the natural and human environments. Through collaborative research I develop methods and apply spatial analysis to address issues relating to mountain pine beetle epidemics, large area forest inventories, marine mammals, climate modelling, and dendrochronological networks.

Currently I lead the Spatial Pattern Analysis and Research Laboratory (<http://www.geog.uvic.ca/spar/>) and am conducting several studies on the spatial-temporal investigation of mountain pine beetle epidemics at a landscape scale.

### **Vera Pospelova**

School of Earth & Ocean Sciences

Earth and Ocean Sciences

Phone: (250) 721-6314

E-mail: [vpospe@uvic.ca](mailto:vpospe@uvic.ca)

Languages: Russian

#### **Expertise:**

Understanding of causes and mechanisms of environmental change, whether it is related to climate change, or ecosystem degradation due to natural variability, or anthropogenic activity, requires compilation of environmental data that span beyond the period of instrumental measurements. If long-term monitoring measurements are scarce or unavailable, such information could be obtained only by studying (paleo)proxies from sedimentary records. My group is using organic-walled microfossils (dinoflagellate cysts, foraminiferal organic linings, pollen and spores, etc.) and geochemical proxies as indicators of past and present environmental conditions.

### **Reuben Rose-Redwood**

Geography

E-mail: [redwood@uvic.ca](mailto:redwood@uvic.ca)

#### **Expertise:**

Urban historical geography; cultural landscape studies; politics of memory and place-making; historical cartography; history of geographical thought.



**Ian Walker**

Geography

Phone: (250) 721-7347

E-mail: [ijwalker@uvic.ca](mailto:ijwalker@uvic.ca)**Expertise:**

&lt;h3&gt;Research Description&lt;/h3&gt;

Beach and dune geomorphology

Sedimentary processes

Coastal erosion

Wind (aeolian) processes

&lt;h3&gt;Expertise profile&lt;/h3&gt;

Professor Walker is a geomorphologist with expertise in beach and sand dune geomorphology, sedimentary processes, wind (aeolian) processes, and the impacts coastal erosion and sea level changes. Dr. Walker's research takes place on beaches and dunes across north America in Prince Edward Island National Park, Haida Gwaii, Pacific Rim National Park, and Cape Cod National Seashore. This work involves close collaboration with Parks Canada, BC Parks, US National Park Service, the Geological Survey of Canada, and many international colleagues. Dr. Walker directs the Coastal Erosion & Dune Dynamics (CEDD) Laboratory, which studies the erosion, dynamics, and restoration of sandy beach-dune systems and explores linkages to land use changes and climatic change impacts using leading-edge technology and collaborative training opportunities.

&lt;h3&gt;Related Links&lt;/h3&gt;

<http://cedd.geog.uvic.ca/>**LIFESPAN PSYCHOLOGY****Joan Martin**

Educational Psychology &amp; Leadership Studies

E-mail: [jmmartin@uvic.ca](mailto:jmmartin@uvic.ca)**Expertise:**

I am presently conducting a 3 year longitudinal psychosocial study of children and adolescents who undergo surgical repair of a chest wall deformity called pectus excavatum. We are primarily interested in the impact of surgical repair on the psychosocial development of youth. This research is being done in conjunction with Dr. Allen Hayashi (Vancouver Island Health Authority), Dr. Jillian Roberts (UVic), Dr. Erik Skarsgard (UBC), and Dr. Sigalet (University of Calgary).

I conduct research on emotional regulation and motivation. In particular, I am interested in emotional regulation during difficult learning or testing situations, failure resiliency in the context of learning, and rumination.

I have conducted research on depression in children and its relation to perceived competence. This area is now

merging with my research on emotional regulation and motivation.

**Erica Woodin**

Assistant Professor

Psychology

Centre for Addictions Research of BC

Phone: (250) 721-8590

E-mail: [ewoodin@uvic.ca](mailto:ewoodin@uvic.ca)**Expertise:**

- Domestic violence and substance use in close relationships
- The causes and consequences of verbal conflict and physical aggression
- The impact of harmful behaviours on individual, couple, and child functioning
- Effectiveness of treatment efforts to reduce aggressive behaviours
- Use of prevention efforts to avert partner aggression in adolescence and early adulthood
- Links between partner aggression and substance abuse

&lt;h3&gt;Expertise Profile&lt;/h3&gt;

Dr. Erica Woodin studies intimate relationships and the things that damage them, specifically domestic violence and substance abuse.

As a research affiliate with the Centre for Addictions Research BC and the director of UVic's Couples and Families Lab, Dr. Woodin helps partners cope with the stresses associated with becoming parents for the first time.

Collaborating with departmental colleague Ulrich Mueller on the transition from partners to parents, Dr. Woodin is following local couples in their third trimester of pregnancy over one, two and four years.

Her goal is to look for patterns of aggressive behaviour and identify which couples are at higher risk for problems in their relationships.

"Awareness is critical for these couples who don't always realize they're fighting," she says.

Dr. Woodin adds that pregnancy is an opportunity for partners to accommodate change in their relationship. Her work can inform the way mental health practitioners, nurses and maternity doctors support their community.

Before her career at UVic, Dr. Woodin worked with university couples where partners were at high risk of physical aggression using a model specifically designed for people with alcohol abuse. Motivational interviewing, where partners talked through their goals for changing their behaviour, reduced the levels of physical aggression for up to nine months after the counselling stage.

In the Department of Psychology, where she teaches, Dr.

## SOCIAL SCIENCES

Woodin uses her background as a clinical psychologist to shape student's understanding of how mental health issues can affect healthy relationships and how intimate relationships in turn, can impact individual health.

### <h3>Related Links</h3>

Dr. Woodin's Faces of Uvic Research video:  
<https://www.youtube.com/watch?v=yA9eZWtaYIQ>

## MEMORY AND ATTENTION

### Neena Chappell

Professor  
Sociology  
Aging, Centre on

#### *Expertise:*

- Informal and formal caregiving
- Care for people with dementia
- Drug policies
- Cross-cultural comparisons with Chinese society
- Quality of community-based home and residential care
- Canadian health care system

#### <h3>Expertise Profile</h3>

By 2020, fully 25 per cent of Canada's population will be over the age of 60.

For sociologist Dr. Neena Chappell, this isn't new.

Over the last 35 years, Dr. Chappell has been a leader in gerontological research, focusing on issues around aging, care giving and health and social policy.

She is internationally known for her work on home care, supporting the case for government expansion in this area to provide more efficient and appropriate health care for an aging society. In her upcoming book on the subject, Dr. Chappell argues that not only would such a system benefit older adults, but it could also be cost effective.

Dr. Chappell has done groundbreaking research on the extent and importance of informal support for seniors, including several cross-national studies on family provision of care to older adults when their health deteriorates.

Of particular interest to her are attitudes and beliefs towards providing care, among Chinese communities in Canada, Hong Kong and mainland China, as well as among Canadians.

She has established two world-class university-based research centres on aging, one at the University of Manitoba and one here at the University of Victoria.

In her research and in the classroom, Dr. Chappell argues for recognition of the positive aspects of aging as well as recognition of the problems and challenges. Her students see much of her research and she is always bringing in a story or two from the field.

Dr. Chappell has been the Canada Research Chair in Social Gerontology since 2001 and is currently immediate past-president of the Canadian Association on Gerontology and President, Academy II (Social Sciences) of the Royal Society of Canada.

### <h3>Related Links</h3>

Dr. Chappell's Faces of Uvic Research video:  
<http://youtu.be/wlJjHJ4XJao>

### Donald Lindsay

Prof.  
Psychology  
Phone: (250) 721-8593  
E-mail: [slindsay@uvic.ca](mailto:slindsay@uvic.ca)

#### *Expertise:*

Psychology  
Cognitive Psychology  
Human memory  
Eyewitness memory

### Joan Martin

Educational Psychology & Leadership Studies  
E-mail: [jmmartin@uvic.ca](mailto:jmmartin@uvic.ca)

#### *Expertise:*

I am presently conducting a 3 year longitudinal psychosocial study of children and adolescents who undergo surgical repair of a chest wall deformity called pectus excavatum. We are primarily interested in the impact of surgical repair on the psychosocial development of youth. This research is being done in conjunction with Dr. Allen Hayashi (Vancouver Island Health Authority), Dr. Jillian Roberts (UVic), Dr. Erik Skarsgard (UBC), and Dr. Sigale (University of Calgary).

I conduct research on emotional regulation and motivation. In particular, I am interested in emotional regulation during difficult learning or testing situations, failure resiliency in the context of learning, and rumination.

I have conducted research on depression in children and its relation to perceived competence. This area is now merging with my research on emotional regulation and motivation.

### Michael Masson

Psychology  
Phone: (250) 721-7536  
E-mail: [mmasson@uvic.ca](mailto:mmasson@uvic.ca)

#### *Expertise:*

Embodied cognition, cognitive control, basic processes of human memory.

**Catherine Mateer**

Psychology

*E-mail:* cmateer@uvic.ca**Expertise:**

Clinical Neuropsychology  
 Assessment of Cognitive Abilities  
 Neuropsychological Rehabilitation  
 Attention

**Ronald Skelton**

Psychology

**Expertise:**

Recovery of Function After Brain Injury:  
 Loss of memory and spatial navigation (wayfinding).  
 Measuring outcome after brain injury and changes in  
 functioning during rehabilitation.

**MENTAL HEALTH AND ADDICTIONS****Cecilia Benoit**

Professor

Centre for Addictions Research of BC

Sociology

*Phone:* (250) 853-3132*E-mail:* cbenoit@uvic.ca**Expertise:**

- Social equity and social justice
- Sex work and social rights
- Midwifery and maternity care
- Substance use
- Stigma and resiliency
- Street-involved youth
- Aboriginal women's health
- Intersectionality

**Expertise Profile**

Dr. Cecilia Benoit conducts the kind of research that pulls vulnerable and hidden populations from the shadows of social stigma in British Columbia and across Canada.

The sociologist has worked on projects including the legalization of midwives in Canada since 1993, the health of Aboriginal girls and women in Vancouver's Downtown Eastside, and a HerWay Home program for pregnant women using substances in Victoria - an initiative that provides this group with better access to clinical services and advocates affordable housing.

Dr. Benoit also leads a nation-wide project examining situations where violence arises in the sex industry and the well-being of sex workers in general.

So far, the study has empowered male, female and transgender sex workers to develop resilience against stigma, and the ability to maintain a positive sense of mental, emotional and physical well-being during times of difficulty and transition.

Dr. Benoit's work on the sex industry is challenging parts

of the Criminal Code of Canada and dispelling some of the negative stereotypes the public has about sex workers.

"It's the attitudes and actions of the majority who hold power that has to change," she says. "People are becoming unhealthy because of the views society imposes on them."

Dr. Benoit's direct experience with studying the lives of sex workers shapes the way she approaches her class topics. She brings a more complex and realistic understanding of sex workers who are more diverse and have greater agency than current stereotypes portray.

**Related Links**

Dr. Benoit's Faces of UVic Research video:

<http://www.youtube.com/watch?v=vnT5Mfdw4Jo>

**Timothy Black**

Associate Professor

Educational Psychology &amp; Leadership Studies

*Phone:* (250) 721-7760*E-mail:* tblack@uvic.ca**Expertise:**

My research has focused mainly on group therapy approaches and psychological trauma and its effects on civilian and military populations. I am currently examining the transition of former members of the Canadian Forces to civilian life. I am also pursuing research into Integral Psychotherapy based on Ken Wilber's Integral Metatheory, which includes Integral Methodological Pluralism (IMP) as the next step in comprehensive research strategies.

**Related Links**

Dr. Black's Faces of UVic Research video:

<http://www.youtube.com/watch?v=tul-G52h45Y>

**Benedikt Fischer**

Sociology

*Languages:* German**Expertise:**

substance use  
 public health  
 infectious disease (i.e., HepC & HIV)  
 crime & deviance  
 criminal justice  
 policing  
 interventions & policy

## SOCIAL SCIENCES

### **Karen Kobayashi**

Sociology

Phone: (250) 721-7574

E-mail: kmkobay@uvic.ca

Languages: Japanese

#### **Expertise:**

Aging

Ethnicity

Health

Family

Mixed Methods in Social Research

### **E. Anne Marshall**

Professor

Educational Psychology & Leadership Studies

Centre for Youth and Society

Phone: (250) 721-7815

E-mail: amarshal@uvic.ca

Languages: French

#### **Expertise:**

-Adolescent identity and mental health

-Indigenous cultural identity

-Career transitions

-Cultural identity

-Counsellor skill development

-Community-based research

<h3>Expertise Database</h3>

For most young people, the first day of university or a new job is usually a blur of excitement and anxiety as they enter a world of more freedom and responsibility.

Mental health psychologist Anne Marshall studies the transitional experiences of adolescents and young adults. She's working with colleagues at UVic and the University of Toronto on a study that demonstrates how the transitional experiences of Indigenous youth are both similar to and different from those of other Canadian youth.

"We're looking at the relationship aspect," she says. "For most Indigenous youth, relationships are a key part--for many the biggest part--of any decision they make about their lives. But many non-Indigenous youth are a bit more individually focused like following your career path or making decisions that you think are right for you."

Dr. Marshall researches youth transitions because she believes that children are our future: "the decisions they make now will have an impact not only on their own future, but their families and the country, so it is important to support them to make good decisions."

Dr. Marshall also played a pivotal role in developing UVic's master's program in Indigenous Communities Counselling Psychology, the only one of its kind in Canada. "There's a real need for counselling in Aboriginal communities, but the people have some different needs because of their historical background and issues around colonization and continual changes in how they are

housed and treated and supported," she says. The program bears many similarities to the existing graduate counselling program, but with a focus on Aboriginal values and priorities, so that it can blend their traditional knowledge with Western knowledge.

<h3>Related Links</h3>

Anne Marshall's Faces of UVic Research video:

<https://www.youtube.com/watch?v=-buo9ORUW0w&feature=youtu.be>

### **Joan Martin**

Educational Psychology & Leadership Studies

E-mail: jmmartin@uvic.ca

#### **Expertise:**

I am presently conducting a 3 year longitudinal psychosocial study of children and adolescents who undergo surgical repair of a chest wall deformity called pectus excavatum. We are primarily interested in the impact of surgical repair on the psychosocial development of youth. This research is being done in conjunction with Dr. Allen Hayashi (Vancouver Island Health Authority), Dr. Jillian Roberts (UVic), Dr. Erik Skarsgard (UBC), and Dr. Sigale (University of Calgary).

I conduct research on emotional regulation and motivation. In particular, I am interested in emotional regulation during difficult learning or testing situations, failure resiliency in the context of learning, and rumination.

I have conducted research on depression in children and its relation to perceived competence. This area is now merging with my research on emotional regulation and motivation.

### **Tara Ney**

Assistant Professor

Human and Social Development

Public Administration

Phone: (250) 721-8199

E-mail: tney@uvic.ca

#### **Expertise:**

Conflict theory, participatory governance mechanisms, restorative justice, discourse theory

### **Bernie Pauly**

Associate Professor

Nursing

Centre for Addictions Research of BC

Phone: (250) 472-5915

E-mail: bpauly@uvic.ca

#### **Expertise:**

- Interventions to prevent harms associated with substance use and homelessness
- Promotion of health equity
- Removing barriers to health care services
- Evaluation of the implementation and effectiveness of harm reduction services including managed alcohol programs
- Evaluation of transitional housing interventions

### Expertise Profile

### Related Links

Dr. Pauly's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=d9MFTsDUWiI>

### Timothy Stockwell

Professor  
 Psychology  
 Centre for Addictions Research of BC  
 Phone: (250) 472-5445  
 E-mail: [timstock@uvic.ca](mailto:timstock@uvic.ca)

#### Expertise:

Broadly, prevention policy and practice relating to harms from legal and illegal drugs. Specifically, epidemiological and policy research on patterns of alcohol use and related harms.

### Related Links

Dr. Stockwell's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=pxCn\\_sQHcLM](http://www.youtube.com/watch?v=pxCn_sQHcLM)

### Erica Woodin

Assistant Professor  
 Psychology  
 Centre for Addictions Research of BC  
 Phone: (250) 721-8590  
 E-mail: [ewoodin@uvic.ca](mailto:ewoodin@uvic.ca)

#### Expertise:

- Domestic violence and substance use in close relationships
- The causes and consequences of verbal conflict and physical aggression
- The impact of harmful behaviours on individual, couple, and child functioning
- Effectiveness of treatment efforts to reduce aggressive behaviours
- Use of prevention efforts to avert partner aggression in adolescence and early adulthood
- Links between partner aggression and substance abuse

### Expertise Profile

Dr. Erica Woodin studies intimate relationships and the things that damage them, specifically domestic violence and substance abuse.

As a research affiliate with the Centre for Addictions Research BC and the director of UVic's Couples and Families Lab, Dr. Woodin helps partners cope with the stresses associated with becoming parents for the first time.

Collaborating with departmental colleague Ulrich Mueller on the transition from partners to parents, Dr. Woodin is following local couples in their third trimester of pregnancy over one, two and four years.

Her goal is to look for patterns of aggressive behaviour and identify which couples are at higher risk for problems in their relationships.

"Awareness is critical for these couples who don't always realize they're fighting," she says.

Dr. Woodin adds that pregnancy is an opportunity for partners to accommodate change in their relationship. Her work can inform the way mental health practitioners, nurses and maternity doctors support their community.

Before her career at UVic, Dr. Woodin worked with university couples where partners were at high risk of physical aggression using a model specifically designed for people with alcohol abuse. Motivational interviewing, where partners talked through their goals for changing their behaviour, reduced the levels of physical aggression for up to nine months after the counselling stage.

In the Department of Psychology, where she teaches, Dr. Woodin uses her background as a clinical psychologist to shape student's understanding of how mental health issues can affect healthy relationships and how intimate relationships in turn, can impact individual health.

### Related Links

Dr. Woodin's Faces of Uvic Research video:  
<https://www.youtube.com/watch?v=yA9eZWtaYIQ>

## PACIFIC AND ASIAN STUDIES

### Gregory Blue

History  
 Languages: Dutch, French; also read Spanish, Italian, German; Russian and basic Chinese

#### Expertise:

Intellectual and Cultural History  
 History of Western Relations with China, especially pre-1949  
 Colonialism, Decolonisation and the Post-Colonial Third World  
 History of Science, including science & society relations, 20th century life sciences and pre-modern Chinese science

### Emmanuel Herique

French  
 Phone: (250) 595-2544  
 E-mail: [herique@uvic.ca](mailto:herique@uvic.ca)  
 Languages: French, German, Spanish, Japanese and Arabic

#### Expertise:

General linguistics, Phonetics  
 French and English languages  
 Editing explorers' journals (18-19th c.)  
 Translation, Interpreting

## SOCIAL SCIENCES

### **Timothy Iles**

Pacific and Asian Studies

Phone: (250) 721-6237

E-mail: timiles@uvic.ca

Languages: Japanese

#### **Expertise:**

Contemporary Japanese culture, including literature and film

### **Hua Lin**

Linguistics

Pacific and Asian Studies

Centre for Asia-Pacific Initiatives

Phone: (250) 721-6643

E-mail: luahin@uvic.ca

Languages: Mandarin Chinese

#### **Expertise:**

Phonology (the sound system of language)

Second language acquisition

Chinese linguistics (sound system, word system, sentence structure, writing, history and dialects)

English as a second language teaching and learning

Chinese as a second language teaching and learning

Chinese and English sound systems in contrast

Applied linguistics

Bilingual education

### **Daromir Rudnyckyj**

Associate Professor

Anthropology

Studies in Religion and Society

Global Studies

Phone: (250) 721-6273

E-mail: daromir@uvic.ca

Languages: Indonesian, Malay, Dutch

#### **Expertise:**

- Economic development and Islam in Southeast Asia
- Islamic finance and alternative forms of capitalism
- Religious and spiritual reform
- Transnational labour migration

#### **Expertise Profile**

What gratifies Dr. Daromir Rudnyckyj the most when he teaches and conducts research on development and social change in Southeast Asia is the opportunity to shift perspectives.

He's an expert on two countries in particular, Indonesia and Malaysia. Indonesia is the world's largest Muslim country and Malaysia is a global leader in the Muslim world in pursuing a model of moderate Islam conducive to economic growth.

Dr. Rudnyckyj says both countries are important in understanding how Muslims are trying to merge their religious practices with the demands of modern economic development.

His first book, "Spiritual Economies: Islam, Globalization

and the Afterlife of Development," which examined how Muslims in Southeast Asia were devising a form of Islam conducive to globalization, earned a prize from the American Ethnological Society, North America's oldest professional association of anthropologists.

Dr. Rudnyckyj examined how Islamic practices were reinterpreted to be compatible with tips found in corporate motivational training programs and self-help books such as the "Seven Habits of Highly Effective People." Leaders of this movement argued that the Muslim prophet Muhammad was an ideal CEO and that required Islamic practices such as giving to charity were in fact directives to look for "synergy" and "win-win solutions."

Dr. Rudnyckyj challenged the common contention that religion in general, and Islam in particular, are resistant to change.

Currently, Dr. Rudnyckyj is documenting the innovative steps Malaysia is taking to create an "Islamic Wall Street" in Kuala Lumpur. Because Islam forbids the collection or payment of interest, experts are finding ways for Muslims to conduct business while actively engaging with an increasingly globalized world. One of the questions he is pursuing is whether Islamic finance offers lessons for North American and European countries in wake of the ongoing financial crises that have swept these regions in recent years.

In his classes and lectures, Dr. Rudnyckyj's work is challenging the misconceptions that people have about Southeast Asian countries and Islam. He enjoys seeing students learn to appreciate and understand the cultural diversity that characterizes each Asian country and the rapid social, economic, and cultural changes that are taking place in the region.

#### **Related Links**

Dr. Rudnyckyj's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=Mh9Js\\_a4Jqg](http://www.youtube.com/watch?v=Mh9Js_a4Jqg)

Dr. Rudnyckyj's website:  
<http://web.uvic.ca/pacificasia/faculty/Rudnyckyj.php>

<b>POLITICAL SCIENCE</b>
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**Janni Aragon**

Political Science

*Phone:* (250) 721-8796*E-mail:* DTIL@uvic.ca**Expertise:**

Gender & Politics, American Politics, Feminist Theories and Methodologies (including 3rd Wave Feminisms), Social Movements, Youth and Politics, Pedagogy, and Transnational Feminisms

**Sikata Banerjee**

Women's Studies

*Phone:* (250) 721-6158*E-mail:* sikatab@uvic.ca*Languages:* Bengali and Hindi**Expertise:**

- Women and politics
- Gender, nation and war
- Indian politics
- Nationalism
- Masculinity

**Expertise Profile**

Muscular nations impose expected ways of behaving on their men and women, says Dr. Sikata Banerjee.

The professor of women's studies and associate dean of humanities at UVic developed the idea of muscular nationalism, which she describes as a community that imagines itself as strong, muscular and warrior-like.

This vision ultimately shapes the political representation of a nation, affecting decisions on whether money should be spent on war or on schools and hospitals, what material should be taught in school, and who is defined as a good or bad citizen.

Dr. Banerjee specifically focuses on muscular nationalism in India and what it means for the country to prove its strength. She explores these issues further in her latest book, "Muscular Nationalism: Gender, Violence, and Empire in India and Ireland."

But her voice reaches out farther than the spine-bound page; her classes are where she circulates her ideas the most, dispelling myths about masculinity and femininity generated by pop culture.

Dr. Banerjee also presents guest lectures on campus; in a 2010 public discussion forum alongside faculty colleague Janni Aragon, she analyzed Stephenie Meyer's Twilight character Jacob as a way of studying how minority groups, such as Indigenous men, fit in with the ideal of the muscular man.

Her other area of focus relates to women's issues in India. She is sometimes interviewed by the news media on issues related to this topic, most recently on the verdict that was

pronounced in September 2013 against the four men who were convicted of raping and murdering a New Delhi woman.

**Related Links**

Dr. Banerjee's Faces of UVic Research video:

<http://www.youtube.com/watch?v=xw5q0w6pgEU>

**Colin Bennett**

Political Science

*Phone:* (250) 721-7495*E-mail:* cjb@uvic.ca**Expertise:**

- Comparative politics and public policy (advanced industrial countries)
  - American government and politics
  - Information and communications policy
  - Privacy and privacy laws
- Expertise Profile**

How has your right to privacy changed since the advent of the information revolution?

Political scientist Colin Bennett can answer that. He's an expert in privacy and surveillance and for almost 30 years has focused his research on the politics of privacy and on the profound impacts the information age is having on our lives.

"We all need to be aware of our rights, know when and how they might be at risk, and speak up when we need to," he says. "The growing obsession with security is potentially damaging to our personal freedoms and human rights, and to the structure and nature of our cities. It's something everyone should be concerned about."

Dr. Bennett has given many public presentations on privacy and surveillance, and has built a series of websites to help people explore privacy issues. In one site, Catsmi.ca, people can discover how social media sites such as Facebook and Twitter use their personal information. "In my career, I've never seen a time in which there's been more interest among the public,"

Dr. Bennett says there is a need for experts in the government and in the private sector to help make sense of this complex issue. Over the years, he has written papers that describe how to implement privacy laws, and that diagnose gaps in privacy laws. The government and the privacy commissioner's use those papers to discuss the best ways to deal with privacy issues in Canada.

He works with the Canadian government to deal with privacy issues by writing policy reports demonstrating what laws work and which ones do not. He also helps private sector organizations figure out the best way to comply with those privacy laws.

## SOCIAL SCIENCES

### **Gregory Blue**

History

*Languages:* Dutch, French; also read Spanish, Italian, German; Russian and basic Chinese

#### **Expertise:**

Intellectual and Cultural History  
History of Western Relations with China, especially pre-1949  
Colonialism, Decolonisation and the Post-Colonial Third World  
History of Science, including science & society relations, 20th century life sciences and pre-modern Chinese science

### **Emmanuel Brunet-Jailly**

Professor

Public Administration

Human and Social Development

Political Science

*E-mail:* ebrunetj@uvic.ca

*Languages:* French

#### **Expertise:**

Comparative politics  
Urban politics and governance  
Comparative urban politics and policies  
Comparative border cities and regions

#### **<h3>Expertise Profile</h3>**

As the head of the largest Canadian research program on borders, Political Scientist Emmanuel Brunet-Jailly works with over 90 researchers around the world to view borders from many perspectives, including history, governance, crossing flows, cultures, security and environmental sustainability,

The findings will have tremendous impact on public policy and our understanding of borders around the world," says Dr. Brunet-Jailly, who notes that what we understand about borders are changing. "Borders are being influenced by technology--especially information and communication technologies--in ways we're just beginning to understand," he says.

Walls are no longer effective--people travel around, above and below walls. It is far more effective for governments--as do the Canadian and American governments--to work together to create a secure border, which is invisible to the eye.

However, this also affects the relative positioning of borders. Border patrols can now work, not only at the borderline, but also in surrounding regions. In Canada, a border control can stop you 20 miles from the actual boundary. You can also cross borders without passing the actual borderline. You can sit in a Canadian airport, and simultaneously be stranded between two countries.

As a teacher, Dr. Brunet-Jailly uses a combination of online classes and in-class lectures and includes video clips and PowerPoints when he can. "Teaching isn't just talking to students and asking them to read books," he

says. "There are all sorts of multimedia at our disposal that we can bring to the classroom."

#### **<h3>Related Links</h3>**

Dr. Brunet-Jailly's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=mN97WwJJc8g>

### **Thea Cacchioni**

Assistant Professor

Women's Studies

*E-mail:* tcacchio@uvic.ca

#### **Expertise:**

- Medicalization and healthcization of sex
- Sexual 'function' and 'dysfunction' in women
- Sexual pain
- Heteronormativity

#### **<h3>Expertise Profile</h3>**

Thea Cacchioni is highly recognized for preventing the approval of a failed anti-depressant drug Flibanserin, dubbed pink Viagra, in 2010, after it caused severe 'unsexy' side effects in pre-menopausal women.

Dr. Cacchioni is a sociologist and Women's Studies professor. Her work has mapped the trials and tribulations of the drug company race to find a sexual pharmaceutical for women. She is interested in this case study as an example of the lengths that drug companies will go to in the name of profit, as well as what the language around these drugs tells us about social constructions of gender and sexuality.

According to Dr. Cacchioni, sexuality is far more complex than is imagined by the sexual pharmaceutical industry. Solving sexual problems is going to take more than a blue pill for him and a pink pill for her. She adds that sexual problems are rarely physiological, internal conditions, but rather interpersonal, social and cultural. A magic bullet pill cannot address these other issues.

Dr. Cacchioni also argues that sexual expectations and norms shift from era to era and culture to culture. She says people should be aware that pharmaceutical companies are increasingly oversimplifying the way we see human sexuality.

In classes at UVic, Dr. Cacchioni examine how science, medicine, and the pharmaceutical industry shape understandings of sex, gender, and sexuality more broadly. Examples include nineteenth century constructions of homosexuality, the systematic surgical alternation of intersex infants in North America, medical gatekeeping around transgender surgeries, debates surrounding the HPV vaccine, and the construction of race in health promotion.

#### **<h3>Related Links</h3>**

Dr. Cacchioni's departmental website:



<http://www.uvic.ca/humanities/women/people/faculty/cac/chionithea.php>

### **Cindy Holder**

Associate Professor  
Philosophy  
Indigenous Governance Program  
*E-mail:* clholder@uvic.ca

*Languages:* French

***Expertise:***

- human rights
- international law
- group rights (including the right to culture and indigenous peoples' rights)
- transitional justice (including truth commissions and international criminal law)
- Metaethical and normative ethical theories
- public policy ethics

Dr. Cindy Holder researches and teaches the philosophy of international law, focusing on human rights and transitions from gross and systematic human rights violations. She questions what makes international law binding and how international law is and should be applied by national political communities.

#### <h3>Related Links</h3>

Dr. Holder's Faces of UVic Research video:  
[http://www.youtube.com/watch?v=ol\\_eajPjSkk](http://www.youtube.com/watch?v=ol_eajPjSkk)

### **Matt James**

Political Science  
*Phone:* (250) 721-6489  
*E-mail:* mattjame@uvic.ca

***Expertise:***

- Canadian Constitutionalism and Citizenship
- Canadian Politics
- Social Movements
- Prestige
- Political Theory
- Reparations

### **James Lawson**

Political Science  
*Phone:* (250) 721-7496  
*E-mail:* lawsonj@uvic.ca  
*Languages:* French (some German)

***Expertise:***

- Forest Policy
- Forest Tenure
- Natural Resource Politics
- Political Economy
- Public Policy
- BC
- Ontario
- Maritimes
- Newfoundland

occupational health and safety  
Economic History

### **Evert Lindquist**

Public Administration  
*Phone:* (250) 721-8416  
*E-mail:* evert@uvic.ca

***Expertise:***

- Public sector reform
- Structure and organization of government
- Impact of think tanks and research on policy-making
- Capabilities of government.

### **Laura Parisi**

Associate Professor  
Women's Studies  
*Phone:* (250) 472-4277  
*E-mail:* lparisi@uvic.ca

***Expertise:***

- Gender and international human rights
- International development
- Globalization studies
- Transnational activism
- Feminist methodology

#### <h3>Expertise Profile</h3>

If you look at who is the most poor in the world, it is women, whether they live in a developing country such as Zambia, or in Canada, says Dr. Laura Parisi.

Dr. Parisi is a women's studies professor and political scientist who studies gender and international human rights, international development, and globalization. She is working on two projects that examine the impact of current trends in international development policy on the achievement of gender equality.

The first, partnered with the Victoria International Development Education Association, looks at how changes in international development funding are affecting women's human rights organizations in southern Africa.

"Many human rights organizations in these countries have lost 70-80 per cent of their funding to do their projects, and some have actually closed," says Dr. Parisi.

Programs being impacted include those that support girls going to school, and those that promote an end to childhood marriage. Other long-term programs at risk include violence reduction and decreasing maternal mortality rates.

"In every country, including Canada, poverty is the biggest obstacle to achieving gender, racial and sexual equality," she says.

Dr. Parisi's second project looks at globally accepted strategies, or gender mainstreaming practices, for

## SOCIAL SCIENCES

promoting gender equality. She looks at how the widespread policies of these practices influences or constrains those of human rights organizations around the world.

Dr. Parisi has worked with the UN as a researcher and activist, giving behind-the-scenes experience to her students who learn everything from activist skills to policy-making. Through her classes, they also get to understand where, as citizens, they fit into the economy and politics.

### <h3>Related Links</h3>

Dr. Parisi's Faces of UVic Research video:

<http://www.youtube.com/watch?v=C1JvZfYw4IE>

Dr. Parisi's departmental website:

<http://www.uvic.ca/humanities/women/people/faculty/parisilaura.php>

### **Jason Price**

Curriculum and Instruction

*Phone:* (250) 721-7830

*E-mail:* [jasonp@uvic.ca](mailto:jasonp@uvic.ca)

#### **Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

### **Oliver Schmidtke**

Political Science

History

*Phone:* (250) 721-7490

*E-mail:* [ofs@uvic.ca](mailto:ofs@uvic.ca)

*Languages:* German, French, Italian and Polish

#### **Expertise:**

Comparative European politics  
Political sociology of immigration and ethnic conflict  
European integration  
Role of identities  
Collective memory in modern societies

### **James Tully**

Distinguished Professor

Political Science

Faculty of Law

Philosophy

#### **Expertise:**

Political Theory  
Democratic and Legal Theory  
Canadian Constitutionalism  
Indigenous Peoples

### **Amy Verdun**

Jean Monnet Chair

Political Science

*Phone:* (250) 721-7491

*E-mail:* [averdun@uvic.ca](mailto:averdun@uvic.ca)

*Languages:* Dutch, Italian, French and German

#### **Expertise:**

European monetary integration and the creation of a European single currency: Why and how does/did it happen?  
European Governance and Enlargement  
Theories of European Integration  
Transatlantic Foreign and Security Policy  
Political Economy of Europe

### <h3>Related Links</h3>

Dr. Verdun's Faces of UVic Research video:

[http://www.youtube.com/watch?v=4\\_XrMCj6bUo](http://www.youtube.com/watch?v=4_XrMCj6bUo)

### **Scott Watson**

Associate Professor and Graduate Advisor

Political Science

*Phone:* (250) 472-4715

*E-mail:* [sdwatson@uvic.ca](mailto:sdwatson@uvic.ca)

#### **Expertise:**

-International Security  
-Migration  
-Refugees  
-Securitisation Theory

### <h3>Expertise Profile</h3>

When boatloads of Tamil refugees arrived in Victoria's harbour in 2010, it elicited some angry responses. People feared--despite the lack of evidence--that the asylum-seekers were part of an illegal Tamil organization that used violent techniques to fight for an independent state.

A general fear is that people entering the country without documentation will participate in crimes such as human trafficking, says political scientist Scott Watson, who adds that these concerns can undermine the aspirations of people genuinely seeking safety: "Even though it's important to prevent crimes like human trafficking, we also need to be aware of how our efforts can undermine humanitarian protection for people in real need of assistance."

Dr. Watson is an expert in international security and the international response to humanitarian crises. He studies how countries such as Canada, the US and Australia respond to the arrival of asylum-seekers during forced migration crises.

Dr. Watson brings awareness of human refugee migration issues to UVic by having students complete projects on refugee movements and by participating in the World University Services of Canada's (WUSC) campus refugee services. Through WUSC, UVic students sponsor three to

four refugees every year to study at UVic. Once they arrive, Dr. Watson and participating students help them find housing and a social network so they can adjust to life in Canada.

<h3>Related links</h3>

Scott Watson's Faces of UVic Research  
video:<https://www.youtube.com/watch?v=BhiX-8ZRMNE>

## PSYCHOLOGICAL ASSESSMENT

### Catherine Mateer

Psychology

*E-mail:* cmateer@uvic.ca

#### **Expertise:**

Clinical Neuropsychology  
Assessment of Cognitive Abilities  
Neuropsychological Rehabilitation  
Attention

### Tara Ney

Assistant Professor

Human and Social Development

Public Administration

*Phone:* (250) 721-8199

*E-mail:* tney@uvic.ca

#### **Expertise:**

Conflict theory, participatory governance mechanisms, restorative justice, discourse theory

## RACE AND ETHNIC RELATIONS

### Elizabeth Adjin-Tettey

Professor and Associate Dean, Administration and Research

Faculty of Law

*Phone:* (250) 721-8182

*E-mail:* eadjinte@uvic.ca

#### **Expertise:**

- Torts, specifically personal and fatal injuries
- Critical race and feminist theory
- Effect of laws on marginalized groups and individuals
- Judicial and government responses to claims of institutional abuse, special focus on Indigenous residential school survivors
- Remedies for personal and fatal injuries focusing on issues of inequalities in the assessment of damages for claimants from disadvantaged backgrounds

<h3>Expertise Profile</h3>

The law is not a set of arbitrary rules; it applies to living, breathing human subjects.

Dr. Elizabeth Adjin-Tettey studies how those subjects are sometimes treated differently under the law.

She focuses on marginalized groups such as women, racialized and Indigenous peoples and their treatment in

private law cases. Private law refers to cases such as personal injury claims and insurance claims, those not involving the state.

In the case of insurance, Dr. Adjin-Tettey has looked into specific cases of domestic violence where the family home is burnt down and the victim can't claim their insurance because spouses are seen as co-insurers.

In her study of personal injury claims, Dr. Adjin-Tettey focuses on how the courts decide on remedies, which are what the injured party is entitled to as compensation.

One recent project looks at sexual assault claims and how they tend to be treated differently than other personal injury claims. In these cases, sexual assault claims often result in psychological injury but victims tend to be compensated less compared to those who suffer physical injuries. Why is that and how can it change?

Dr. Adjin-Tettey's research is directly related to the classes she teaches and she often brings in her own work to class.

In the classroom, her mantra is, "Let's not only talk about what the law is but who it affects and whether or not it actually is making a difference in people's lives."

Dr. Adjin-Tettey is the Associate Dean, Administration and Research in the Faculty of Law at the University of Victoria.

### Jeffrey Ansloos

Assistant Professor and Registered Psychologist

Human and Social Development

Child and Youth Care

Centre for Youth and Society

*Phone:* (250) 721-7990

*E-mail:* ansloos@uvic.ca

*Languages:* Basic conversational proficiency in French and Spanish

#### **Expertise:**

Narrative and Arts-Based Research  
Youth engagement in public policy development  
Indigenous youth mental health  
Indigenous rights  
Identity-based conflict, violence prevention, and peace-building  
Ethics of violence, nonviolence, and reconciliation  
Youth activism and social movements  
Youth migration, displacement, and resettlement  
Refugee mental health policy in the Middle East and North Africa

## SOCIAL SCIENCES

### **Robert Dalton**

Curriculum and Instruction

#### **Expertise:**

My research examines the periphery of the art world and examines ways of bringing that into the art curriculum. Those areas include child art, First Nations art and the art of other minority groups, mass media, and outsider art. I am also interested in critical analysis of children's art exhibitions, intergenerational art experiences, and studio pedagogy.

### **Maneesha Deckha**

Associate Professor

Faculty of Law

Phone: (250) 519-4717

E-mail: mdeckha@uvic.ca

#### **Expertise:**

- Reproductive health and health law
- Bioethics
- Law and culture
- Law and Society
- Feminist Legal Theory
- Critical Animal Studies

#### **Expertise Profile**

Our laws on animals reflect outdated values, says law professor Maneesha Deckha, who explores why the law can be slow to change and how it can move forward.

"Our current laws about animals are as outdated as laws about child labour and women's rights were many years ago," she says. "As a society that claims to care about its weakest members, we need to challenge our thinking about the legal status of animals."

With few exceptions, Canadian law divides all legal entities into persons or property, and it describes animals as property. In other words, we can pamper them, cage them, even kill them, as long we don't cause "unnecessary suffering" while we're doing it.

Professor Deckha believes animals should have an alternative legal status that provides better protection, but does not believe that personhood is an ideal status for animals. "Animals deserve the protection from exploitation personhood provides, but I'm dissatisfied with the personhood model for animals, because it is very much tied to the human form and shape and fits non-human entities poorly," she says.

Professor Deckha's research into animal law springs from her interest in issues such as feminism, anti-racism, and health law and policy. "I'm fascinated with how unjust laws denying personhood for women and other disadvantaged groups changed as societal attitudes shifted. It seems natural to extend this to the way our laws treat non-humans, or animals."

When Professor Deckha teaches, she uses interactive

learning techniques to get students more involved. She often has students take part in role-playing or structured debates that allow them to engage with the material. "It leads to better learning," she says, "because they're immediately processing rather than just transcribing a lecture on their laptops and then looking at their notes two weeks before an exam."

#### **Related Links**

Professor Deckha's Faces of UVic Research video:

<http://www.youtube.com/watch?v=inGIB6It6lA>

### **Budd Hall**

Public Administration

Phone: (250) 721-8062

E-mail: bhall@uvic.ca

Languages: French, Spanish and Kiswahili

#### **Expertise:**

- Participatory Research, Community-Based Research, Social Movement Learning
- Adult Education
- Global Civil Society
- Poetry and Social Movements

### **Karen Kobayashi**

Sociology

Phone: (250) 721-7574

E-mail: kmkobay@uvic.ca

Languages: Japanese

#### **Expertise:**

- Aging
- Ethnicity
- Health
- Family
- Mixed Methods in Social Research

### **Jason Price**

Curriculum and Instruction

Phone: (250) 721-7830

E-mail: jasonp@uvic.ca

#### **Expertise:**

- Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

**Helen Raptis**

Associate Professor  
Curriculum and Instruction

Phone: (250) 472-5076

E-mail: hraptis@uvic.ca

Languages: French, Spanish and Greek

**Expertise:**

- Intersection of government policy and minority learners
- Social and historical foundations of education in British Columbia
- Multicultural and anti-racist education
- School effectiveness and school improvement
- Examination of two generations of Tsimshian learners (from the Terrace region) to understand how government policies of segregation and integration shaped their schooling and their adulthood.

**Expertise Profile**

Residential schools represent part of the story in understanding education and Indigenous communities, says Dr. Helen Raptis.

The professor in Curriculum and Instruction studies the history of education, specifically the intersection of minority learners and formal education systems.

Looking at the period from 1900-1969, Dr. Raptis has determined that more Indigenous students attended on-reserve day schools than residential schools.

She is contributing to a fuller story on Indigenous communities by examining how Aboriginal children transitioned from Aboriginal day schools to public schools.

In a recent project, Dr. Raptis collected narratives from two generations of Tsimshian learners to see how government policies of segregation and integration impacted their schooling and transition to adulthood.

Her findings enabled both the elders and their offspring to know more about each other and their own communities. It also showed that day schools were less benign than historians have previously thought.

Understanding the history of education can help us avoid the pitfalls of the past and enable learners of all genders, race, and culture to succeed at school, she says. Her research may even help us understand why the high school graduation rate for Aboriginal students is around 60 per cent.

Dr. Raptis's background in government consulting and teaching prior to becoming a professor gives her a multi-faceted approach to delivering classes.

In addition to her work with Indigenous communities, Dr. Raptis is also working on an interactive website, The Educational Heritage Museum, to enhance the learning

and teaching of education history. The project is a partnership with Lower Vancouver Island Retired Teachers and UVic's Faculty of Education.

**Related Links**

Dr. Raptis' Faces of UVic Research video:  
[http://www.youtube.com/watch?v=tWMf2n\\_LvPQ](http://www.youtube.com/watch?v=tWMf2n_LvPQ)

The Education Heritage Museum website:  
[www.educationheritage.ca](http://www.educationheritage.ca)

**Oliver Schmidtke**

Political Science

History

Phone: (250) 721-7490

E-mail: ofs@uvic.ca

Languages: German, French, Italian and Polish

**Expertise:**

- Comparative European politics
- Political sociology of immigration and ethnic conflict
- European integration
- Role of identities
- Collective memory in modern societies

**Lincoln Shlensky**

English

Phone: (250) 721-6206

E-mail: shlensky@uvic.ca

Languages: French, Hebrew, Spanish

**Expertise:**

I conduct research in the areas of international and American cinema studies and film, postcolonialism, cultural studies, and Holocaust studies. My research interests and background are described in greater detail at [www.shlensky.com](http://www.shlensky.com).

**Scott Watson**

Associate Professor and Graduate Advisor

Political Science

Phone: (250) 472-4715

E-mail: sdwatson@uvic.ca

**Expertise:**

- International Security
- Migration
- Refugees
- Securitisation Theory

**Expertise Profile**

When boatloads of Tamil refugees arrived in Victoria's harbour in 2010, it elicited some angry responses. People feared--despite the lack of evidence--that the asylum-seekers were part of an illegal Tamil organization that used violent techniques to fight for an independent state.

A general fear is that people entering the country without documentation will participate in crimes such as human trafficking, says political scientist Scott Watson, who adds

## SOCIAL SCIENCES

that these concerns can undermine the aspirations of people genuinely seeking safety: "Even though it's important to prevent crimes like human trafficking, we also need to be aware of how our efforts can undermine humanitarian protection for people in real need of assistance."

Dr. Watson is an expert in international security and the international response to humanitarian crises. He studies how countries such as Canada, the US and Australia respond to the arrival of asylum-seekers during forced migration crises.

Dr. Watson brings awareness of human refugee migration issues to UVic by having students complete projects on refugee movements and by participating in the World University Services of Canada's (WUSC) campus refugee services. Through WUSC, UVic students sponsor three to four refugees every year to study at UVic. Once they arrive, Dr. Watson and participating students help them find housing and a social network so they can adjust to life in Canada.

<h3>Related links</h3>

Scott Watson's Faces of UVic Research  
video:<https://www.youtube.com/watch?v=BhiX-8ZRMNE>

## SOCIAL PSYCHOLOGY

### Jeffrey Ansloos

Assistant Professor and Registered Psychologist  
Human and Social Development  
Child and Youth Care

Centre for Youth and Society

Phone: (250) 721-7990

E-mail: [ansloos@uvic.ca](mailto:ansloos@uvic.ca)

Languages: Basic conversational proficiency in French and Spanish

#### Expertise:

Narrative and Arts-Based Research  
Youth engagement in public policy development  
Indigenous youth mental health  
Indigenous rights  
Identity-based conflict, violence prevention, and peace-building  
Ethics of violence, nonviolence, and reconciliation  
Youth activism and social movements  
Youth migration, displacement, and resettlement  
Refugee mental health policy in the Middle East and North Africa

### Wanda Boyer

Educational Psychology & Leadership Studies

Phone: (250) 721-7814

E-mail: [wboyer@uvic.ca](mailto:wboyer@uvic.ca)

#### Expertise:

Self-Regulation of Preschool and Elementary Aged Children  
Early Childhood  
Elementary Education  
Childhood Development  
The Advancement of Preservice and Inservice Educative Practices to Promote Self-Regulation in Preschool and Elementary Aged Children.

### Daniela Damian

Associate Professor

Computer Science

Phone: (250) 472-5788

Languages: Romanian

#### Expertise:

-Global software development  
-Empirical software engineering  
-Human-computer interaction  
-Computer-supported cooperative design  
-Requirements engineering

<h3>Expertise Profile</h3>

Contrary to popular belief, there's more to software development than a set of programmers and developers, says computer scientist Daniela Damian.

In fact, there's a broader set of players involved in the creation and success of a software project. This includes business analysts, managers, architects, testers and the customers.

Dr. Damian's research looks at how these key players communicate with each other when working on software development projects. Many of these stakeholders are dispersed across different parts of the world, she notes. While this strategy gives the software industry a competitive advantage, interacting with teams from remote places around the globe presents complex challenges due to differences in time zones, work culture, and knowledge management technologies.

Dr. Damian's research projects use a synergy of empirical methods, data mining and social network analysis to understand these complex interactions and address them by improving the effectiveness of communication and coordination in large, distributed software projects.

She leads the Software Engineering Global interAction Lab (SEGAL) at UVic, a computer science facility equipped with state-of-the-art collaboration technologies, such as large interactive displays and videoconferencing systems.

This research lab provides the physical and intellectual space for UVic students and international collaborators

working with her. Students get first-hand experience collaborating with industrial partners and adjoining labs from other international universities.

<h3>Related Links</h3>

<https://www.youtube.com/watch?v=xgSwKDOYB5M>

### Robert Gifford

Professor  
Psychology  
School of Environmental Studies  
Phone: (250) 721-7532  
E-mail: [rgifford@uvic.ca](mailto:rgifford@uvic.ca)

#### Expertise:

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

#### <h3>Expertise Profile</h3>

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

Today his focus has moved more towards the psychology of sustainability.

Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook *Environmental Psychology: Principles and Practice* and is the editor of the *Journal of Environmental Psychology*.

<h3>Related Links</h3>

The Environmental, Social and Personality Lab:  
<http://web.uvic.ca/~esplab/>

### James Gifford

English

#### Expertise:

My primary area of research is 20th century British and American literature, with particular emphasis on the authors Lawrence Durrell, Robert Graves, Henry Miller, Elizabeth Smart, Malcolm Lowry, and Dylan Thomas.

### Richard Marcy

Dr.

Public Administration  
E-mail: [rtmarcy@uvic.ca](mailto:rtmarcy@uvic.ca)  
Languages: German (Basic)

#### Expertise:

Management and Leadership Development, to include strategic management and leadership, with a special focus on the public sector. Specific areas of research include the role of scanning and foresight in leadership (particularly in social innovation and crisis management) and the development of frameworks for management and leadership development.

### Tara Ney

Assistant Professor  
Human and Social Development  
Public Administration  
Phone: (250) 721-8199  
E-mail: [tney@uvic.ca](mailto:tney@uvic.ca)

#### Expertise:

Conflict theory, participatory governance mechanisms, restorative justice, discourse theory

### Stephen Ross

Associate Professor  
English  
Phone: (250) 721-7237  
E-mail: [saross@uvic.ca](mailto:saross@uvic.ca)  
Languages: French

#### Expertise:

- Modernism
- The novel
- Modern British literature
- Literary and critical theory
- Psychoanalysis
- Marxism
- Globalisation

#### <h3>Expertise Profile</h3>

Dr. Stephen Ross is pushing modernist studies out in new directions.

He is a founding co-director of the Modernist Versions Project (MVP), which is based in the Maker Lab at the University of Victoria.

The MVP aims to spark an interest in differing versions of

## SOCIAL SCIENCES

the same text by making available multiple online versions of early 20th-century literary novels and other texts. From the MVP website these can be studied, searched, and compared.

This unique method of analyzing literature makes it possible to find variations that would be almost impossible to find without a computer.

With different versions of, for example, James Joyce's *Ulysses*, Dr. Ross can make connections between when a version was published and the kinds of cultural changes that were happening at that time.

Modernism itself closely mirrors cultural change, as it is characterized by experimentation and a self-conscious break with traditional styles.

Dr. Ross is currently serving as general editor of the *Routledge Encyclopedia of Modernism* online. It will feature entries on all aspects of modernism across the arts, across time, and around the world.

Still a work-in-progress, the encyclopedia will let you sort, organize and discover information in new and exciting ways.

Dr. Ross teaches in the Department of English and in the Interdisciplinary Program in Cultural, Social and Political Thought. He also gives a community lecture on the English ghost story.

He finds teaching and public speaking to be excellent ways of bringing his work directly to the public, showing them where it's going and why it's important.

### **Danu Stinson**

Assistant Professor  
Psychology  
*E-mail:* dstinson@uvic.ca

#### **Expertise:**

- Self-esteem, interpersonal relationships and well-being
- Consequences of differing social self-regulatory strategies for people's psychological, social, and physical well-being

#### **Expertise Profile**

When it comes to our well-being, having ongoing, positive relationships in our lives is almost as important as having food, water and shelter.

Dr. Danu Anthony Stinson in the Psychology Department at the University of Victoria studies self-esteem and relationships and how both can affect our well-being.

Dr. Stinson's research uses the sociometer model of self-esteem, which proposes that self-esteem reflects your perceived value to other people as a relationship partner.

Her experimental approach involves bringing people into

her lab and having them react to controlled social scenarios, such as a meeting someone new for the first time.

One study underway now is looking at the connection between physiology - in this case, the body's arousal response to a given social situation - and self-esteem.

Another study that Dr. Stinson is particularly proud of was published in 2011 in *Psychological Science*. The experiment demonstrated that a short self-affirmation writing task improved social well-being up to two months after the initial lab visit.

Dr. Stinson teaches both introductory and advanced classes on close relationships, where students learn about the entire relationship life-cycle. She gives students organizing theories and examples from her own life and research.

Dr. Stinson believes we are all natural psychologists when it comes to relationships.

## SOCIOLOGY

### **Cecilia Benoit**

Professor  
Centre for Addictions Research of BC  
Sociology  
*Phone:* (250) 853-3132  
*E-mail:* cbenoit@uvic.ca

#### **Expertise:**

- Social equity and social justice
- Sex work and social rights
- Midwifery and maternity care
- Substance use
- Stigma and resiliency
- Street-involved youth
- Aboriginal women's health
- Intersectionality

#### **Expertise Profile**

Dr. Cecilia Benoit conducts the kind of research that pulls vulnerable and hidden populations from the shadows of social stigma in British Columbia and across Canada.

The sociologist has worked on projects including the legalization of midwives in Canada since 1993, the health of Aboriginal girls and women in Vancouver's Downtown Eastside, and a HerWay Home program for pregnant women using substances in Victoria - an initiative that provides this group with better access to clinical services and advocates affordable housing.

Dr. Benoit also leads a nation-wide project examining situations where violence arises in the sex industry and the well-being of sex workers in general.

So far, the study has empowered male, female and transgender sex workers to develop resilience against



stigma, and the ability to maintain a positive sense of mental, emotional and physical well-being during times of difficulty and transition.

Dr. Benoit's work on the sex industry is challenging parts of the Criminal Code of Canada and dispelling some of the negative stereotypes the public has about sex workers.

"It's the attitudes and actions of the majority who hold power that has to change," she says. "People are becoming unhealthy because of the views society imposes on them."

Dr. Benoit's direct experience with studying the lives of sex workers shapes the way she approaches her class topics. She brings a more complex and realistic understanding of sex workers who are more diverse and have greater agency than current stereotypes portray.

### <h3>Related Links</h3>

Dr. Benoit's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=vnT5Mfdw4Jo>

## Gregory Blue

History

*Languages:* Dutch, French; also read Spanish, Italian, German; Russian and basic Chinese

### *Expertise:*

Intellectual and Cultural History  
 History of Western Relations with China, especially pre-1949  
 Colonialism, Decolonisation and the Post-Colonial Third World  
 History of Science, including science & society relations, 20th century life sciences and pre-modern Chinese science

## Thea Cacchioni

Assistant Professor

Women's Studies

*E-mail:* [tcacchio@uvic.ca](mailto:tcacchio@uvic.ca)

### *Expertise:*

- Medicalization and healthcization of sex
- Sexual 'function' and 'dysfunction' in women
- Sexual pain
- Heteronormativity

### <h3>Expertise Profile</h3>

Thea Cacchioni is highly recognized for preventing the approval of a failed anti-depressant drug Flibanserin, dubbed pink Viagra, in 2010, after it caused severe 'unsexy' side effects in pre-menopausal women.

Dr. Cacchioni is a sociologist and Women's Studies professor. Her work has mapped the trials and tribulations of the drug company race to find a sexual pharmaceutical for women. She is interested in this case study as an example of the lengths that drug companies will go to in the name of profit, as well as what the language around these drugs tells us about social constructions of gender

and sexuality.

According to Dr. Cacchioni, sexuality is far more complex than is imagined by the sexual pharmaceutical industry. Solving sexual problems is going to take more than a blue pill for him and a pink pill for her. She adds that sexual problems are rarely physiological, internal conditions, but rather interpersonal, social and cultural. A magic bullet pill cannot address these other issues.

Dr. Cacchioni also argues that sexual expectations and norms shift from era to era and culture to culture. She says people should be aware that pharmaceutical companies are increasingly oversimplifying the way we see human sexuality.

In classes at UVic, Dr. Cacchioni examine how science, medicine, and the pharmaceutical industry shape understandings of sex, gender, and sexuality more broadly. Examples include nineteenth century constructions of homosexuality, the systematic surgical alternation of intersex infants in North America, medical gatekeeping around transgender surgeries, debates surrounding the HPV vaccine, and the construction of race in health promotion.

### <h3>Related Links</h3>

Dr. Cacchioni's departmental website:

<http://www.uvic.ca/humanities/women/people/faculty/cacchionithea.php>

## Neena Chappell

Professor

Sociology

Aging, Centre on

### *Expertise:*

- Informal and formal caregiving
- Care for people with dementia
- Drug policies
- Cross-cultural comparisons with Chinese society
- Quality of community-based home and residential care
- Canadian health care system

### <h3>Expertise Profile</h3>

By 2020, fully 25 per cent of Canada's population will be over the age of 60.

For sociologist Dr. Neena Chappell, this isn't new.

Over the last 35 years, Dr. Chappell has been a leader in gerontological research, focusing on issues around aging, care giving and health and social policy.

She is internationally known for her work on home care, supporting the case for government expansion in this area to provide more efficient and appropriate health care for an aging society. In her upcoming book on the subject, Dr. Chappell argues that not only would such a system benefit older adults, but it could also be cost effective.

## SOCIAL SCIENCES

Dr. Chappell has done groundbreaking research on the extent and importance of informal support for seniors, including several cross-national studies on family provision of care to older adults when their health deteriorates.

Of particular interest to her are attitudes and beliefs towards providing care, among Chinese communities in Canada, Hong Kong and mainland China, as well as among Canadians.

She has established two world-class university-based research centres on aging, one at the University of Manitoba and one here at the University of Victoria.

In her research and in the classroom, Dr. Chappell argues for recognition of the positive aspects of aging as well as recognition of the problems and challenges. Her students see much of her research and she is always bringing in a story or two from the field.

Dr. Chappell has been the Canada Research Chair in Social Gerontology since 2001 and is currently immediate past-president of the Canadian Association on Gerontology and President, Academy II (Social Sciences) of the Royal Society of Canada.

### <h3>Related Links</h3>

Dr. Chappell's Faces of UVic Research video:  
<http://youtu.be/wlJjHJ4XJao>

### **Aaron Devor**

Professor  
Sociology  
Libraries, Archives  
Libraries, Special Collections  
*Phone:* (250) 721-7577  
*E-mail:* [ahdevor@uvic.ca](mailto:ahdevor@uvic.ca)

#### **Expertise:**

- Gender Variance and Diversity
  - Sexuality and Sexual Diversity
  - Transgender Experience Across the Life Course
  - Transsexualism
  - Lesbian, Gay, Bisexual, Transgender and Queer Movements for Social Change
  - The Life of Reed Erickson and the Impact of the Erickson Educational Foundation
- ### <h3>Expertise Profile</h3>
- Transgendered people are among the most discriminated-against people in the world today, says sociologist Aaron Devor.

Even though society is becoming increasingly welcoming toward transgendered people, many of them continue to face verbal and physical abuse, and even murder. In many countries, there are no laws that protect transgender people against discrimination.

Dr. Devor studies how society perceives transgendered

individuals, and what contributes to making it safer for them to express their identities. He is an author of the "Standards of Care" published by the World Professional Association for Transgendered Health. Devor explains that "It's a very important document because it specifies the appropriate and most beneficial way to treat people who come to health care professionals for assistance in changing their gender."

In his classes, he includes content about transgender people to emphasize that they are part of the spectrum of humanity: "I make sure," he says, "that people remember there are many different genders."

Dr. Devor is also the founder and academic director of the world's largest archival collection of documents recording the history of research and activism concerning transgendered people. He says that the Transgender Archives collection is promoting a positive future for transgendered individuals: "To thrive, people need to know their history and to be able to tell their stories with dignity and pride."

The archives, which are located at UVic, contain works from over 17 countries spanning more than 50 years of activism and 100 years of research and include enough material to fill a shelf the length of a football field.

### <h3>Related Links</h3>

-Aaron Devor's Faces of UVic Research video:  
[www.youtube.com/watch?v=kuv5rUUmFqY](http://www.youtube.com/watch?v=kuv5rUUmFqY)  
-The Transgender Archives website:  
[www.transgenderarchives.uvic.ca/](http://www.transgenderarchives.uvic.ca/)  
-The Transgender Archives Facebook page:  
[www.facebook.com/UVicTransArchives](http://www.facebook.com/UVicTransArchives)  
-The Transgender Archives: Foundations for the Future pdf:  
[www.uvic.ca/library/about/ul/publications/Devor\\_Foundations\\_for\\_the\\_Future.pdf](http://www.uvic.ca/library/about/ul/publications/Devor_Foundations_for_the_Future.pdf)

### **Budd Hall**

Public Administration  
*Phone:* (250) 721-8062  
*E-mail:* [bhall@uvic.ca](mailto:bhall@uvic.ca)  
*Languages:* French, Spanish and Kiswahili

#### **Expertise:**

- Participatory Research, Community-Based Research, Social Movement Learning
- Adult Education
- Global Civil Society
- Poetry and Social Movements

**Karen Kobayashi**

Sociology

*Phone:* (250) 721-7574*E-mail:* kmkobay@uvic.ca*Languages:* Japanese**Expertise:**

Aging

Ethnicity

Health

Family

Mixed Methods in Social Research

**Mehmoona Moosa-Mitha**

Dr.

School of Social Work

*Phone:* (250) 721-8041*E-mail:* mehmoona@uvic.ca*Languages:* Gujarati and Swahili**Expertise:**

Citizenship Rights of Children

Social Policy Development in Relation to Marginalised Children

Anti-Racist Feminist Theorisation and Analysis

Child Welfare Social Work Practice

**Jason Price**

Curriculum and Instruction

*Phone:* (250) 721-7830*E-mail:* jasonp@uvic.ca**Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

**Helen Raptis**

Associate Professor

Curriculum and Instruction

*Phone:* (250) 472-5076*E-mail:* hraptis@uvic.ca*Languages:* French, Spanish and Greek**Expertise:**

- Intersection of government policy and minority learners
- Social and historical foundations of education in British Columbia
- Multicultural and anti-racist education
- School effectiveness and school improvement
- Examination of two generations of Tsimshian learners (from the Terrace region) to understand how government policies of segregation and integration shaped their schooling and their adulthood.

**Expertise Profile**

Residential schools represent part of the story in understanding education and Indigenous communities, says Dr. Helen Raptis.

The professor in Curriculum and Instruction studies the history of education, specifically the intersection of minority learners and formal education systems.

Looking at the period from 1900-1969, Dr. Raptis has determined that more Indigenous students attended on-reserve day schools than residential schools.

She is contributing to a fuller story on Indigenous communities by examining how Aboriginal children transitioned from Aboriginal day schools to public schools.

In a recent project, Dr. Raptis collected narratives from two generations of Tsimshian learners to see how government policies of segregation and integration impacted their schooling and transition to adulthood.

Her findings enabled both the elders and their offspring to know more about each other and their own communities. It also showed that day schools were less benign than historians have previously thought.

Understanding the history of education can help us avoid the pitfalls of the past and enable learners of all genders, race, and culture to succeed at school, she says. Her research may even help us understand why the high school graduation rate for Aboriginal students is around 60 per cent.

Dr. Raptis's background in government consulting and teaching prior to becoming a professor gives her a multi-faceted approach to delivering classes.

In addition to her work with Indigenous communities, Dr. Raptis is also working on an interactive website, The Educational Heritage Museum, to enhance the learning and teaching of education history. The project is a partnership with Lower Vancouver Island Retired Teachers and UVic's Faculty of Education.

**Related Links**

Dr. Raptis' Faces of UVic Research video:  
[http://www.youtube.com/watch?v=tWMf2n\\_LvPQ](http://www.youtube.com/watch?v=tWMf2n_LvPQ)

The Education Heritage Museum website:  
[www.educationheritage.ca](http://www.educationheritage.ca)

## SOCIAL SCIENCES

### **Oliver Schmidtke**

Political Science

History

Phone: (250) 721-7490

E-mail: ofs@uvic.ca

Languages: German, French, Italian and Polish

#### **Expertise:**

- Comparative European politics
- Political sociology of immigration and ethnic conflict
- European integration
- Role of identities
- Collective memory in modern societies

## URBAN ISSUES

### **Emmanuel Brunet-Jailly**

Professor

Public Administration

Human and Social Development

Political Science

E-mail: ebrunetj@uvic.ca

Languages: French

#### **Expertise:**

- Comparative politics
- Urban politics and governance
- Comparative urban politics and policies
- Comparative border cities and regions

#### **Expertise Profile**

As the head of the largest Canadian research program on borders, Political Scientist Emmanuel Brunet-Jailly works with over 90 researchers around the world to view borders from many perspectives, including history, governance, crossing flows, cultures, security and environmental sustainability,

The findings will have tremendous impact on public policy and our understanding of borders around the world," says Dr. Brunet-Jailly, who notes that what we understand about borders are changing. "Borders are being influenced by technology--especially information and communication technologies--in ways we're just beginning to understand," he says.

Walls are no longer effective--people travel around, above and below walls. It is far more effective for governments--as do the Canadian and American governments--to work together to create a secure border, which is invisible to the eye.

However, this also affects the relative positioning of borders. Border patrols can now work, not only at the borderline, but also in surrounding regions. In Canada, a border control can stop you 20 miles from the actual boundary. You can also cross borders without passing the actual borderline. You can sit in a Canadian airport, and simultaneously be stranded between two countries.

As a teacher, Dr. Brunet-Jailly uses a combination of online classes and in-class lectures and includes video clips and PowerPoints when he can. "Teaching isn't just

talking to students and asking them to read books," he says. "There are all sorts of multimedia at our disposal that we can bring to the classroom."

#### **Related Links**

Dr. Brunet-Jailly's Faces of UVic Research video:  
<http://www.youtube.com/watch?v=mN97WwJJc8g>

### **Benedikt Fischer**

Sociology

Languages: German

#### **Expertise:**

- substance use
- public health
- infectious disease (i.e., HepC & HIV)
- crime & deviance
- criminal justice
- policing
- interventions & policy

### **Robert Gifford**

Professor

Psychology

School of Environmental Studies

Phone: (250) 721-7532

E-mail: rgifford@uvic.ca

#### **Expertise:**

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

#### **Expertise Profile**

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

Today his focus has moved more towards the psychology of sustainability.

Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a

computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook *Environmental Psychology: Principles and Practice* and is the editor of the *Journal of Environmental Psychology*.

<h3>Related Links</h3>

The Environmental, Social and Personality Lab:

<http://web.uvic.ca/~esplab/>

### Trevor Hancock

Professor and Senior Scholar  
Public Health & Social Policy

*E-mail:* [thancock@uvic.ca](mailto:thancock@uvic.ca)

#### *Expertise:*

- Public health systems and services
- Urban health and urban health equity
- Health and environment
- Public policy and health

<h3>Expertise Profile</h3>

What is a healthy city and how do we get one?

Dr. Trevor Hancock teaches that cities wanting to improve the health of their citizens need to pay attention to both their physical and their social environments. Think increasing the amount of green space downtown or introducing community programs that connect citizens with their cities.

Over the past 30 years as an internationally recognized health promotion leader, Dr. Hancock has helped to put health on the agenda of thousands of cities and towns around the world.

He has had a long-standing interest in the relationship between human and environmental health and is one of the founders of the global Healthy Cities and Communities movement.

Dr. Hancock teaches in the School of Public Health and Social Policy at the University of Victoria, where his graduate courses connect students to real on the ground problems facing society.

The challenge now is to increase awareness. As co-chair of a working group studying human and ecosystem health for the Canadian Public Health Association (CPHA), he is searching for new, creative ways to communicate his message.

In Dr. Hancock's words: "We want the three minute viral video, not the academic paper."

### Janelle Jenstad

Professor

English

*Phone:* (250) 721-7245

*E-mail:* [jenstad@uvic.ca](mailto:jenstad@uvic.ca)

*Languages:* French

#### *Expertise:*

- Shakespeare in performance
- Editing and bibliography
- The literature and culture of London in the 16th and 17th centuries
- Digital humanities, GIS, and text encoding
- London livery companies and civic pageantry

<h3>Expertise Profile</h3>

Dr. Janelle Jenstad is interested in building communities for scholars, students and the public alike.

As founder and director of The Map of Early Modern London, she digitally maps cultural documents onto a bird's-eye view of 16th- and 17th-century London, England.

In the same way that maps were used in Shakespeare's time to build a community identity among newcomers flocking to London, Dr. Jenstad's digital map is attracting a widening circle of online devotees.

She is also the assistant coordinating editor of *Internet Shakespeare Editions (ISE)*. The ISE receives over a million hits a month and is used in rehearsal halls and classrooms around the world.

As a professor in the Department of English at the University of Victoria, Dr. Jenstad is increasingly interested in how students learn.

She is certified to administer the Myers-Briggs Type Indicator test, a personality assessment tool commonly given to college and university students. This comes in handy when she's mentoring teaching assistants on how to teach -- they can learn their type to find their own personalized teaching style.

Dr. Jenstad also lectures regularly on Shakespeare in performance for classes and audiences across Canada, and writes about Canadian productions and adaptations of Shakespeare. She has curated two exhibits on Shakespeare and opera in partnership with Pacific Opera Victoria.

Dr. Jenstad's research interests include Shakespeare and his contemporaries, editing, mapping literature, early modern London, and digital humanities.

<h3>Related Links</h3>

Dr. Jenstad's Faces of UVic Research video:

<http://www.youtube.com/watch?v=klkLh76fOc8>

The Map of Early Modern London

<http://mapoflondon.uvic.ca>

## SOCIAL SCIENCES

Internet Shakespeare Editions  
<http://internetshakespeare.uvic.ca>

### Jason Price

Curriculum and Instruction

Phone: (250) 721-7830

E-mail: [jasonp@uvic.ca](mailto:jasonp@uvic.ca)

**Expertise:**

Indigenous and alternative education, Education for democracy and political literacy, "Citizenship Education", alternative conceptions of social, economic, and ecological democracy, educators political literacy, mass media and education

### Reuben Rose-Redwood

Geography

E-mail: [redwood@uvic.ca](mailto:redwood@uvic.ca)

**Expertise:**

Urban historical geography; cultural landscape studies; politics of memory and place-making; historical cartography; history of geographical thought.

### Valentin Schaefer

School of Environmental Studies

Phone: (250) 472-4387

E-mail: [schaefer@uvic.ca](mailto:schaefer@uvic.ca)

**Expertise:**

My research highlights the value of nature in urban areas. It involves biophysical inventories of natural areas in cities and approaches to improving their health through connectivity, ecological memory, invasives removal and environmental stewardship.

## WATER

### Robert Gifford

Professor

Psychology

School of Environmental Studies

Phone: (250) 721-7532

E-mail: [rgifford@uvic.ca](mailto:rgifford@uvic.ca)

**Expertise:**

- Resource management (commons dilemmas and social dilemmas)
- Personality and nonverbal behaviour
- Ecological issues such as environmental activism and pro-environmental behavior
- The meaning and liveability of neighbourhoods

**Expertise Profile**

Dr. Robert Gifford is a pioneer of environmental psychology, a field that didn't formally exist when he first became interested in it.

Environmental psychology is all about how people interact with their physical environment, whether it's a building or whether it's the whole globe, says Dr. Gifford.

At the start of his career, he spent a lot of time helping

architects plan buildings, taking into account the needs and behaviours of those who would be using the space.

A project that he is most proud of and is still in use today is a centre he helped design in Victoria for people with multiple sclerosis (MS). After speaking with dozens of MS patients, Dr. Gifford made over 200 recommendations that made the building more user friendly for those that suffer from the disease.

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Along with students in his Environmental, Social and Personality Lab at the university, Dr. Gifford uses a computer program, dubbed FISH, for studying the resource management behaviour of individuals and small groups as they fish in a virtual ocean.

He is perhaps most well known for an article on the "Dragons of Inaction" which describes the barriers people face to pro-environmental behaviours, like recycling. His work now concentrates on finding intervention techniques and messaging to overcome these barriers.

Dr. Gifford is the author of four editions of the textbook *Environmental Psychology: Principles and Practice* and is the editor of the *Journal of Environmental Psychology*.

**Related Links**

The Environmental, Social and Personality Lab:  
<http://web.uvic.ca/~esplab/>

### Asit Mazumder

NSERC Industry Research Chair

Biology

Phone: (472) 4789

E-mail: [mazumder@uvic.ca](mailto:mazumder@uvic.ca)

Languages: French, a little Spanish, and Bengali

**Expertise:**

**Research Description**

Ecology of freshwater and marine ecosystems in fisheries and water quality

**Expertise Profile**

My long-term research interest is to understand and model nutrient-foodweb dynamics of freshwater and marine ecosystems, and associated patterns of water quality, fisheries productivity, fate and transport of nutrients, energy and contaminants along aquatic foodwebs, and aquatic diversity. My research team has been conducting research on the ecology of juvenile salmon in coastal marine ecosystems of BC. My other major interest has been to link ecological understanding to aquatic resource management, and sustainable clean and healthy water for public health and safety. We have been working in partnership with several regional water supply authorities and small and rural communities' water systems on Vancouver Island, interior BC, Quebec and Newfoundland. We have been developing science and

decision-making tools to reduce microbial and chemical health risks in source and tap water through best land- and water-use practices, optimization of disinfection by-products and through tracking sources of microbial and chemical pollution of source water.

### <h3>Related Links</h3>

<http://www.uvic.ca/water/>

### **Thomas Pedersen**

School of Earth & Ocean Sciences

*Phone:* (250) 217-3641

*Languages:* Limited French

#### ***Expertise:***

The marine carbon cycle.

Climate policy in British Columbia and elsewhere.

### <h3>Expertise Profile</h3>

Paleoceanography, in which geochemical and isotopic variations found in marine sediments are used to interpret climate and oceanographic history. The chemical behaviour of mine wastes in the sea and in lakes.

### <h3>Related Links</h3>

<http://pics.uvic.ca/>

Twitter: @PICSCanada

### **Vera Pospelova**

School of Earth & Ocean Sciences

Earth and Ocean Sciences

*Phone:* (250) 721-6314

*E-mail:* vpospe@uvic.ca

*Languages:* Russian

#### ***Expertise:***

Understanding of causes and mechanisms of environmental change, whether it is related to climate change, or ecosystem degradation due to natural variability, or anthropogenic activity, requires compilation of environmental data that span beyond the period of instrumental measurements. If long-term monitoring measurements are scarce or unavailable, such information could be obtained only by studying (paleo)proxies from sedimentary records. My group is using organic-walled microfossils (dinoflagellate cysts, foraminiferal organic linings, pollen and spores, etc.) and geochemical proxies as indicators of past and present environmental conditions.

### **Real Roy**

Biology

*Phone:* (250) 472-5071

*E-mail:* realroy@uvic.ca

*Languages:* French

#### ***Expertise:***

My research focus is on the ecology and diversity of bacteria in the natural environment. I am currently doing research on bacteria that can grow from methane gas, a greenhouse gas emitted in landfill soils. I am also interested in soil bacteria that transforms nitrogen, an important plant nutrient.

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