

# Scholarship, Research & Creative Activity Report



2020

[viu.ca/research](http://viu.ca/research)



VANCOUVER ISLAND  
UNIVERSITY

|   |           |
|---|-----------|
| <b>VIU SCHOLARLY ACTIVITY REPORT 2019-20</b>  | <b>7</b>  |
| <i>Welcome from Dr. Nicole Vaugeois, AVP, Scholarship, Research and Creative Activity</i> | 7         |
| <b>FACULTY OF ARTS AND HUMANITIES</b>   | <b>8</b>  |
| CREATIVE WRITING AND JOURNALISM   | 8         |
| <i>Robert Hilles</i>  | 8         |
| <i>Kathy Page</i>   | 9         |
| ENGLISH   | 10        |
| <i>Terri Doughty</i>  | 10        |
| <i>Dr. Richard Lane</i>   | 10        |
| <i>Dr. Cynthea Masson</i>   | 13        |
| HISTORY   | 14        |
| <i>Dr. Timothy Lewis</i>  | 14        |
| <i>Dr. Katharine Rollwagen</i>  | 14        |
| <i>Dr. Cheryl Warsh</i>   | 16        |
| <i>Dr. Whitney Wood</i>   | 16        |
| MEDIA STUDIES/DIGITAL MEDIA TECHNOLOGY  | 18        |
| <i>Robin Davies</i>   | 18        |
| MUSIC   | 19        |
| <i>Rosemary Lindsay</i>   | 19        |
| <b>FACULTY OF EDUCATION</b>   | <b>20</b> |
| EDUCATION   | 20        |
| <i>Dr. Rachel Moll</i>  | 20        |
| <i>Dr. Marian Riedel</i>  | 22        |
| <i>Dr. Ana Vieira</i>   | 23        |
| <i>Paula Waatainen</i>  | 25        |

|   |           |
|---|-----------|
| <i>Dr. Deirdre Wilson</i>   | 25        |
| SPORT, HEALTH & PHYSICAL EDUCATION  | 26        |
| <i>Dr. Guy Le Masurier</i>  | 26        |
| <i>Dr. Louis Mattar</i>   | 27        |
| <b>FACULTY OF HEALTH AND HUMAN SERVICES</b>                               | <b>28</b> |
| BACHELOR OF SCIENCE IN NURSING  | 28        |
| <i>Dr. Leigh Blaney</i>   | 28        |
| <i>Dr. Alana Devereaux</i>  | 30        |
| <i>Marti Harder</i>   | 30        |
| <i>Piera Jung</i>   | 31        |
| <i>Brenda Lane</i>  | 32        |
| <i>Pat Woods</i>  | 32        |
| EDUCATION ASSISTANT AND COMMUNITY SUPPORT                                 | 33        |
| <i>Alison Taplay</i>  | 33        |
| SOCIAL WORK   | 33        |
| <i>Dr. Jeanette Schmid</i>  | 33        |
| <b>FACULTY OF INTERNATIONAL EDUCATION AND ELC ENGLISH LANGUAGE CENTRE</b> | <b>34</b> |
| <i>Sylvia Arnold</i>  | 34        |
| <i>Jacqueline Foster</i>  | 34        |
| <i>Dawn Johnson</i>   | 34        |
| <b>FACULTY OF MANAGEMENT</b>  | <b>36</b> |
| GRADUATE PROGRAMS OFFICE, FACULTY OF MANAGEMENT                           | 36        |
| <i>Dr. Stacie Chappell</i>  | 36        |
| HOSPITALITY MANAGEMENT  | 38        |
| <i>Dr. Jean-Guy Robichaud</i>   | 38        |

|  |           |
|--|-----------|
| MANAGEMENT                                   | 39        |
| <i>Dr. Martin Martens</i>                    | 39        |
| RECREATION AND TOURISM MANAGEMENT            | 39        |
| <i>Dr. Patrick Brouder</i>                   | 39        |
| <i>Dr. Suzanne de la Barre</i>               | 41        |
| <i>Dr. Tom Delamere</i>                      | 46        |
| <i>Dr. Janet McKeown</i>                     | 47        |
| <i>Dr. Garrett Stone</i>                     | 47        |
| <i>Dr. Aggie Weighill</i>                    | 51        |
| GRADUATE PROGRAMS, APPLIED BUSINESS PROJECTS | 53        |
| <b>FACULTY OF SCIENCE AND TECHNOLOGY</b>     | <b>55</b> |
| BIOLOGY                                      | 55        |
| <i>Dr. Eric Demers</i>                       | 55        |
| <i>Dr. Jamie Gorrell</i>                     | 56        |
| <i>Dr. Mercedes Hernandez</i>                | 57        |
| <i>Dr. Jasmine Janes</i>                     | 58        |
| CHEMISTRY                                    | 61        |
| <i>Dr. Erik Krogh</i>                        | 61        |
| EARTH SCIENCES                               | 62        |
| <i>Sandra Johnstone</i>                      | 62        |
| FISHERIES AND AQUACULTURE                    | 63        |
| <i>Dr. Dan Baker</i>                         | 63        |
| FOREST RESOURCES TECHNOLOGY                  | 63        |
| <i>Bill Beese</i>                            | 63        |
| INTERNATIONAL CENTRE FOR STURGEON STUDIES    | 65        |

|  |           |
|--|-----------|
| <i>Dr. Dan Baker</i>                         | 65        |
| MATH   | 65        |
| <i>Dr. Jane Wodlinger</i>                    | 65        |
| PHYSICS/ENGINEERING/ASTRONOMY                | 66        |
| <i>Raymond Penner</i>                        | 66        |
| <b>FACULTY OF SOCIAL SCIENCES</b>            | <b>67</b> |
| ANTHROPOLOGY                                 | 67        |
| <i>Dr. Paul Ewonus</i>                       | 67        |
| <i>Dr. Imogene Lim</i>                       | 68        |
| COMMUNITY PLANNING                           | 73        |
| <i>Dr. Don Alexander</i>                     | 73        |
| <i>Mark Holland</i>                          | 75        |
| MASTER OF COMMUNITY PLANNING THESIS PROJECTS | 76        |
| GEOGRAPHY                                    | 76        |
| <i>Dr. Don Alexander</i>                     | 76        |
| <i>Dr. Alan Gilchrist</i>                    | 77        |
| <i>Dr. Jeff Lewis</i>                        | 79        |
| <i>Dr. Hannah Wilson</i>                     | 79        |
| GIS PROGRAM                                  | 80        |
| <i>Dr. Paul Zandbergen</i>                   | 80        |
| PHILOSOPHY & RELIGIOUS STUDIES               | 80        |
| <i>Dr. Warren Heiti</i>                      | 80        |
| POLITICAL STUDIES                            | 80        |
| <i>Dr. Alexander Netherton</i>               | 80        |
| <i>Dr. Jocelyne Praud</i>                    | 82        |

|  |           |
|--|-----------|
| <i>Dr. Mark Williams</i>                         | 82        |
| PSYCHOLOGY                                       | 82        |
| <i>Dr. Caroline Burnley</i>                      | 82        |
| <i>Dr. Lindsay McCunn</i>                        | 83        |
| SOCIOLOGY  | 87        |
| <i>Dr. Gillian Anderson</i>                      | 87        |
| <i>Dr. Michael Lait</i>                          | 88        |
| <b>FACULTY OF TRADES AND APPLIED TECHNOLOGY</b>  | <b>90</b> |
| PROFESSIONAL DEVELOPMENT AND TRAINING (TRADES)   | 90        |
| <i>Dr. Sally Vinden</i>                          | 90        |
| <b>PROVOST AND VICE-PRESIDENT ACADEMIC</b>       | <b>91</b> |
| CENTRE FOR INNOVATION AND EXCELLENCE IN LEARNING | 91        |
| <i>Dr. Kathleen Bortolin</i>                     | 91        |
| LIBRARY ADMINISTRATION                           | 92        |
| <i>Dana McFarland</i>                            | 92        |
| <i>Kathleen Reed</i>                             | 95        |
| SCHOLARSHIP, RESEARCH, AND CREATIVE ACTIVITY     | 96        |
| <i>Dr. Nicole Vaugeois</i>                       | 96        |
| STUDENT AFFAIRS GYMNASIUM/STUDENT ACTIVITIES     | 98        |
| <i>Matt Kellow</i>                               | 98        |

## *VIU Scholarly Activity Report 2019-20*

### **Welcome from Dr. Nicole Vaugeois, AVP, Scholarship, Research and Creative Activity**



It gives me great pleasure to share the 2019-20 Scholarly Activity Report which profiles examples of the significant contributions that our employees are making in their scholarship, research and creative activity endeavors. These activities enhance teaching practice while contributing to the growth of disciplinary knowledge. Many of these activities involve students as research assistants which enables them to receive deep and transformational learning experiences while working alongside faculty mentors. Also dominant in the activity report is the level of engagement with external community partners as funders or co-creators in applied research.

The scholarly activity report is a voluntary reporting mechanism for VIU employees to share the type of activities that they are engaged in annually. By sharing these in the report, employees have an opportunity to learn about the great work that is happening at the university and to identify potential colleagues that share scholarly interests.

On behalf of the institution, I would like to extend a sincere thank you to everyone who contributed to this report. Your efforts are inspiring and I congratulate you on the accomplishments you have shared. For those who were unable to share this year, please consider sharing your contributions in the 2020-21 report.

## *Faculty of Arts and Humanities*

### Creative Writing and Journalism

#### Robert Hilles

##### Article

###### *A Hint of Salt*

A literary short story of 10 pages in length published in the Fall issue of Prairie Fire from Winnipeg Manitoba

**Community Collaborators:** Published in the Literary Magazine, Prairie Fire from Winnipeg Manitoba - various editors involved with the magazine content selection and production.

##### Short Story Publication

###### *Delayed Neutrons*

A prose poem published in the Winter 2019 issue of The Malahat Review from The University of Victoria, Victoria BC

**Community Collaborators:** Editors at the Malahat Review in Victoria BC and connected to the University of Victoria involved in content selection and production.

##### Article

###### *Tale of the Letter*

Published in Winter 2020 issue of Grain Magazine from Saskatoon, Saskatchewan.

**Community Collaborators:** Editors at Grain Magazine including fiction editor Terry Jordan.

##### Prose poem

###### *The Half Life of Uranium*

238 in the Winter 2019 online issue of the literary journal, Deluge Journal from Vermont US.

**Community Collaborators:** Two editors at DeLuge Journal from Vermont in the US are responsible for selection and production of content.



## Short Story

The short story Tale of Amber Eyes published in the online literary magazine: Edify Fiction Volume 3 Issue 5. December of 2019. Published from Alabama in US

**Community Collaborators:** The editors at Edify Fiction in Alabama

## Book

**Shimmer: Love Poems**

Published by Black Moss Press, 88 pages, ISBN 9780887536021

**Community Collaborators:** Black Moss Press which is located in Windsor Ontario - various editors from that location involved including Marty Gervais and Alicia Labbe.

## Kathy Page

### Conference Presentations

**Parental Guidance Advised**

Presentation with Elizabeth Hay and Eufemia Fantetti for the opening showcase of the 2019 Wild Writers literary festival in Waterloo, Ontario, November 2019. A conversation between two Writers' Trust award-winning writers on the perils and challenges of working with personal material, whether that be in writing fiction or memoir, moderated by Eufemia Fantetti.

### Book Tour

**German translation of Dear Evelyn**

Kathy Page presented her novel, Dear Evelyn (recently translated into German by Beatrice Fassbender and published by Klaus Wagenbach as All unsere Jahre), at the Frankfurt Book Fair (twice), at the Heidelberg Deutsch-Amerikanisches Institut, at Dusseldorf's Heinrich Heine Haus, and at the Canadian Embassy in Berlin. These events were all bilingual and were moderated by Lena Luczak and Beatrice Fassbender. I was interviewed on German TV for Das Blaue Sofa, Frankfurt 2019 (a 25 min segment). Topics covered included characterization, historical research, the use of authentic documents in a work of fiction, and the translation process.

### Awards

**2019 City of Victoria Butler Book Prize**

Dear Evelyn, a novel by Kathy Page, winner of the 2018 Rogers Writers' Trust Prize for Fiction, was awarded the 2019 City of Victoria Butler Book Prize, awarded to a Greater Victoria author for the best book (fiction, poetry or non-fiction) published in the previous year.

## English

### Terri Doughty

#### Conference Presentation

***"Witnessing Indigenous Children's Trauma and Resilience in Picture Books: When We Were Alone"***

Silence and Silencing in Children's Literature, International Research Society for Children's Literature Congress 2019, Stockholm, Sweden, 14-18 August 2019

#### Graduate Student External Reviewer

Andrea Zarate. Dissertation Title: "Becoming Worlds: Place, Subjectivity and Assemblage in Literature for Young Adults", Macquarie University. Outcome: Student passed in 2019

#### Book Review

Review of From Colonial to Modern: Transnational Girlhood in Canadian, Australian, and New Zealand Children's Literature, 1840-1940, by Michelle J. Smith, Kristin Moruzi, and Clare Bradford. Victorian Periodicals Review, vol. 52, no. 3, 2019, pp.643-646.

#### Professional Service

***Manuscript Reviewing for Academic Presses***

***Reviewed book manuscript for the University Press of Mississippi***

### Dr. Richard Lane

#### Symposium

***The Canadian War Letters and the Digital Humanities: Open Access for Research--A Symposium***

A collaborative symposium, organized by the MeTA Digital Humanities Lab and the Canadian Letters and Images Project at VIU, deferred until 2021 because of the COVID-19 pandemic. Keynote speakers are: Tim Cook, The Canadian War Museum, and Mary McDonald (Canadian writer and multi-media artist). Topics at the symposium include: Past & present research &

teaching undertaken/published using the Canadian War Letters as a key resource; Digitizing the Canadian War Letters (Methodologies, Benefits, Challenges, Needs); The Canadian War Letters Web Platform for Open Access and Community Research; Big Data Tools for Mapping the Canadian War Letters including Machine Learning and Topic Modelling the Letters; and Stylometry and Text Analysis for analyzing Audience, Gender and Reading/Writing the War Letters.

**Academic Collaborators:** Professor Stephen Davies, Department of History and Director, Canadian Letters and Images Project, VIU.

## Presentation

### ***The MeTA Digital Humanities Lab at VIU: An Overview of Research in 2019-2020***

A presentation given to Professor Ted Hewitt, President of the Social Sciences and Humanities Research Council, during his 2020 visit to Vancouver Island University. The presentation focused on the MeTA Digital Humanities Lab's machine learning expertise, including research on the international research communities' initial COVID-19 peer-reviewed publications, which MeTA acquired for topic modelling and machine reading. The presentation also covered the initial machine reading of First World War letters from VIU's Canadian Letters and Images project, as well as some of the stylometric analyses of the resulting data.

## Papers

### ***Classical and Biblical Intertexts in Shakespeare's Hamlet.***

Modern literary critical thought is partly founded upon Jacques Derrida's articulation that what the text of Western metaphysics speaks is an unacceptable logocentrism (one which we have since deconstructed), and following the psychoanalytical theorist Jacques Lacan, this notion was adjusted to read 'phallogocentrism' (one which we have since necessarily decontaminated through feminist critique). Regarding Hamlet as a Calvinist play (i.e., a play which delicately treads a wary path between Catholicism and Reformation Protestantism), leads to a hermeneutic understanding that it is not logos that speaks through Hamlet, but Logos (John 1:1). In this essay I argue that Shakespeare synthesizes Classical and Biblical imagery, philosophy, and belief systems, to generate the complexity of his most famous play, one which is firmly grounded in logocentrism in positive ways.

### ***Collaboration for Open Scholarship: Digitally Reconfiguring Access to the Canadian Letters and Images Project for Increased Community Engagement and Research***

A peer-reviewed pre-circulated research paper, for the Implementing New Knowledge Environments symposium on Open Scholarship for the 2020s. The paper shares the preliminary machine learning research on the Canadian Images and Letters Project data, undertaken in the MeTA Digital Humanities Lab at VIU. Recreating contextual metadata for understanding social reading contexts within the trenches during the First World War was the main aim of this research, and the paper reveals that machine learning is a successful methodology for such an endeavour.

## ***Intertextuality and Ekphrasis in Rebecca West's The Return of the Soldier***

Vivid ekphrases (the representation of art in words) and a painterly canvas fill *The Return of the Soldier*, with the contemporary critical engagement relating the aesthetics of the text to West's modernism, specifically her use of film, magazines, advertising, fashion, and other visual aspects of wartime Britain, especially in relation to gender and class, feminism, shell-shock and the emerging psychoanalytical discourses of the early twentieth-century. In this essay I examine West's intertextual sources for her ekphrases: the Great Tradition of English Literature, the Classics, and Biblical texts.

## **Professional Service**

### ***Peer reviewer***

For academic submissions for the Implementing New Knowledge Environments Victoria 2020 Symposium and Knowledge Creation in the 21st Century: Approaches to Open, Digital Scholarship (Newcastle, Australia, December 2019) proceedings, set to be published with the academic journal Pop! Public. Open. Participatory (Simon Fraser University, BC).

## **Project**

### ***Initial Data Preparation and Analysis for the Interdisciplinary VIU Canadian War Letters Project (CLIP) and VIU MeTA Digital Humanities Lab (MeTA) Collaborative CFI/BCKDF Research Project.***

This project which occurred during Spring 2020, involved enhancing the collaboration between the MeTA Digital Humanities Lab and the Canadian Letters and Images Project at VIU, through analysis of CLIP data, including: (1) preliminary data conversion and data cleaning; (2) preliminary machine reading/topic modelling of the converted data to annotate large scale data sets of Canadian war letters; (3) and preliminary stylometric analysis of the converted war letters using digital humanities tools. In lay terms, this means that we took a large sample set of Canadian war letters (approx 22,000 letters), converted a large number of them from Word to Plain Text formats, cleaned the data as far as possible given our time restrictions, and then used different digital humanities artificial intelligence methodologies to map and analyze the data in various interesting ways.

## **Research Projects**

### ***Comparative Approaches to Wittgenstein for Theorizing Topic Models as Discourses.***

The main goal of this research project involves switching from a phenomenological understanding of topic models (the main basis for research in this area in the MeTA Digital Humanities lab at VIU), to one based upon the work of philosopher Ludwig Wittgenstein. A large body of research exists exploring the shift from Wittgenstein's *Tractatus* to his *Philosophical Investigations*. In simple terms, this involves moving from the logic of language to a postmodern approach to meaning. Drawing upon this body of research, Lane and Brownlee developed the idea that machine learning and topic models are "discourses" or knowledge domains expressed

in language. This research helped the MeTA Digital Humanities lab researchers with a broad range of interdisciplinary work using machine learning and topic modelling.

**Academic Collaborators:** *Brandon Brownlee, Philosophy Student, VIU.*

***Machine Reading Pandemic Outbreak Research Data and Reports for Interdisciplinary Research: SARS-CoV-2 (COVID-19), MERS-CoV and SARS-CoV-1.***

This project uses automated machine reading software (known as topic modelling), in which a computer can read through large quantities of data to annotate or map the big data, to reveal the knowledge (i.e., the different knowledge disciplines or discourses) that contribute to the understanding of a topic (here, coronavirus pandemics), and to show how there may be knowledge insights or breakthroughs that may not have been previously recognized or understood. The main overall aim of the project is to facilitate interdisciplinary research on SARS-CoV-2 (COVID-19) in the areas of risk communication, information sharing, and knowledge translation. Therefore, the project machine reads three academic research data sets on SARS-CoV-2 (COVID-19), MERS-CoV and SARS-CoV-1; facilitates interdisciplinary comparative study of those data sets; as well as machine reading non-peer reviewed media and social media data on the SARS-CoV-2 (COVID-19) pandemic.

**Academic Collaborators:** *Carliegh Gainer, VIU Health Sciences student*

***Macroanalysis/ Big Data Machine Reading Tools and Microanalysis/ Digital Text Analysis Tools for Open Access Research***

This collaborative interdisciplinary project, funded by the Canada Foundation for Innovation and the British Columbia Knowledge Development Fund, brings together the MeTA Digital Humanities Lab at VIU and the Canadian Letters and Images Project at VIU, and addresses the challenges of undertaking research with a rich database of historical materials that currently only allows limited access. The project builds upon ongoing research in the MeTA DH Lab on machine reading and text analysis, through analysis of large data sets. Research questions involve: the benefits to Canadians of using machine reading/topic modelling of CLIP data sets, including data annotation and the analysis of topic models; stylometry and text analysis for analyzing audience, gender and reading/writing the War Letters; developing digital humanities methodologies for opening access to a relatively 'closed' database, i.e., for more in-depth personal, community or academic research purposes; and the longer term benefits of reconfiguring the CLIP database in tagged XML.

**Academic Collaborators:** *Professor Stephen Davies, Department of History and Director, Canadian Letters and Images Project, VIU; Professor Whitney Wood, Canada Research Chair, Department of History, VIU.*

**Dr. Cynthia Masson**

***The Amber Garden***

The Amber Garden (ECW Press, Toronto, March 2020) is Book Three of The Alchemists' Council, a fantasy series based in concepts of medieval alchemy. In this volume, eternal conflicts escalate, the world begins to disintegrate, various conjoined pairs separate, and numerous alchemists die. Amidst the alchemical equivalent of a plague, all factions must work together on a radical decision meant to save both the alchemists and the dimensions. (The series' first two books won Independent Publisher Book Awards for Fantasy: Gold in 2017 for Book One, and Bronze in 2019 for Book Two.)

## History

### Dr. Timothy Lewis

#### Book Reviews

***Magic Moments in BC Sports: A Century in Photos, by Kate Bird, for The Ormsby Review.***

The review is titled #695 Front-row BC sports snaps, and was posted on December 16th, 2019.

***In Search of Al Howie, by Jared Beasley, for The Ormsby Review.***

The review is entitled #791 The incomparable Al Howie, and was posted on April 5th, 2020.

***Academic Collaborators:*** Dr. Richard Mackie, Editor, The Ormsby Review

***Major Misconduct: The Human Cost of Fighting in Hockey, by Jeremy Allingham, for The Ormsby Review.***

The review is entitled #718 Bare-knuckle boxing on ice, and was posted on January 9th 2020.  
Academic Collaborators: Dr. Richard Mackie, Editor, The Ormsby Review

***Inside View: The Eye Behind the Lens, by Michael Varga, for The Ormsby Review.***

The review is entitled # 826 Lights, action, Michael Varga, and was posted on May 19th, 2020.

***Academic Collaborators:*** Dr. Richard Mackie, Editor, The Ormsby Review.

### Dr. Katharine Rollwagen

#### Article

***"The Young Medium: Regulating Television in the Name of Canadian Childhood," Canadian Historical Review 101:1 (March 2020): 27-48.***

In the 1950s, many Canadians purchased television sets and contemplated the broader meaning of this new technology for their country, their families, and particularly their children. This article examines the opinions presented to the Royal Commission on Broadcasting in 1956 and demonstrates that many adults called for continued and/or strengthened state regulation of broadcasting in order to protect and shape an imagined vulnerable and malleable child viewer. This research was completed with the assistance of student researchers in the VIU Work Op program.

## **Board/ Committee Work**

### ***Arts and Humanities Colloquium Committee***

I chaired the Colloquium committee, which organized six speakers throughout the 2019-2020 academic year. This year we began producing a 30-minute radio show that brought members of the faculty into conversation with each other before each Colloquium. The program aired on CHLY. Students are involved through the Theatre Department and the Media Studies Department.

## **Conference Presentations**

### ***"Justice Through Strength and Courage!" Television and North American Cold War Childhoods in the 1950s***

This presentation was part of the Arts and Humanities Colloquium Series, in January 2020. It examines Captain Midnight, a televised children's serial that conveyed messages about security, ethnicity, and gender, shaping childhood within the Cold War domestic home front in both Canada and the United States. This research was conducted with the assistance of student research assistants through the Work Op program.

***Academic Collaborators:*** Dr. Cheryl Warsh, Professor, Vancouver Island University

### ***"Justice Through Strength and Courage!" Television and North American Cold War Childhoods in the 1950s***

Society for the History of Children and Youth, Biennial Conference. June 26-28, 2019. Australian Catholic University, North Sydney.

## **Research Project**

### ***Atomic Childhoods: The Cold War and Children's Popular Culture***

Cheryl Warsh and Katharine Rollwagen continued their research on Cold War children's culture, conducting new research on comic books in North America and soliciting pieces from international scholars for an edited collection (published by Cambridge Scholars Press) on the international and transnational histories of children's culture in the early Cold War decades.

***Academic Collaborators:*** Dr. Cheryl Warsh, Professor, Vancouver Island University

## Workshop

### ***Health, Healing and Caring: A Gender & History Symposium***

This event was scheduled to occur on the Nanaimo campus May 21-23, to bring 25 scholars from Europe, India, Russia, the United States, and Canada together to discuss papers for an upcoming special issue of *Gender & History* (the North American office is housed at VIU). Editors Cheryl Warsh, Cathryn Spence, Katharine Rollwagen and Whitney Wood successfully applied for a SSHRC Connection Grant for this event. In light of the pandemic, we transitioned to a remote event, hosting 4 separate virtual meetings to allow authors to workshop their papers with the editors. Our two editorial assistants, who are part of the Work Op program, assisted in organizing this event.

***Academic Collaborators:*** Dr. Sara Ritchey, Associate Professor (History), University of Tennessee Knoxville; Dr. Lynn Thomas, Professor of (History), University of Washington; Kristin Burnett, Professor, Department of Indigenous Learning, Lakehead University

## Dr. Cheryl Warsh

### **Edited collection**

#### ***History Under the Influence: Essays on Drugs and Alcohol***

Eds. Dan Malleck and Cheryl Krasnick Warsh UBC Press: Vancouver, in press.

***Academic Collaborators:*** Dan Malleck Associate Professor of Health Sciences Brock University

### **Chapter in edited collection.**

***The Transgressive Woman: Gender, Class, Alcohol & Drugs in Canada from 1850 in History Under the Influence: Essays on Drugs and Alcohol. Eds. Dan Malleck and Cheryl Krasnick Warsh UBC Press: Vancouver, in press.***

## Dr. Whitney Wood

### **Peer-Reviewed Journal Article**

***Whitney Wood and Joanna Bourke, "Conceptualizing Gender and Pain in Modern History," Gender and History 31, no. 1 (March 2020): 8-12.***



**Academic Collaborators:** Joanna Bourke, Professor, Department of History, Classics and Archaeology, Birkbeck, University of London

### **Book Chapter**

***Whitney Wood, "Spreading the Gospel of Natural Birth: Canadian Contributions to an International Medical Movement, 1945-1960,"***

Undiplomatic History: Rethinking Canada in the World, eds. Asa Mckercher and Philip Van Huizen (Montreal and Kingston: McGill-Queen's University Press, 2019), 137-162.

### **Conference Presentation**

***"Migraines, Midol, and the Marketing of Modern Comfort in Canadian Women's Magazines, 1928-1950."***

Australian and New Zealand Society for the History of Medicine, 16th Biennial Conference, University of Auckland, Auckland, NZ, December 2019.

### **Invited Lecture**

***"'How can women best help themselves?' Birth Reform Activism in Mid-Twentieth Century Canada."***

Invited Public Lecture, "Health, Medicine, and Social Justice Speaker Series," University of Saskatchewan, Saskatoon, SK, February 2020.

### **Other Publication Special Journal Issue**

***Whitney Wood and Joanna Bourke, eds. "Special Forum: Gender and Pain in Modern History," Gender and History 32, no. 1 (March 2020): 8-85.***

**Academic Collaborators:** Joanna Bourke, Professor, Department of History, Classics and Archaeology, Birkbeck, University of London

### **Academic Fellowship**

***Associate Fellow, L.R. Wilson Institute for Canadian History, McMaster University (2020-2023)***

### **Federal Research Grant**

***"Land, Language, Life: Engendering an Indigenous Identity and Wellness." Canadian Institutes of Health Research, Indigenous Gender and Wellness Development Grant, \$70 000 CAD***

**Academic Collaborators:** Laurie Meijer-Drees, Professor, Department of Indigenous/Xwulmuxw Studies, Vancouver Island University

**Community Collaborators:** Huli'tun Health Society; Halalt First Nation; Lyackson First Nation

## Workshop

**Federal Research Grant and Symposium: "Health, Healing, and Caring: A Gender & History Symposium." Social Sciences and Humanities Research Council of Canada Connection Grant, \$19 050 CAD**

**Academic Collaborators:** Dr. Cheryl Krasnick Warsh, Professor, Department of History, Vancouver Island University; Katharine Rollwagen, Professor, Department of History, Vancouver Island University; Cathryn Spence, Professor, Department of History, Vancouver Island University; Kristin Burnett, Professor, Department of Indigenous Learning, Lakehead University; Sara Ritchey, Associate Professor, Department of History, University of Tennessee, Knoxville; Lynn M. Thomas, Professor, Department of History, University of Washington

## Media Studies/Digital Media Technology

### Robin Davies

#### Board/Committee Work

##### **Arts & Humanities Colloquium Committee**

Technical production of six promotional podcasts for the series which aired on CHLY.

**Academic Collaborators:** Katharine Rollwagen, History Department, Vancouver Island University; Theo Finnegan, English Department, Vancouver Island University

##### **Nanaimo Global Film Festival**

Headed organizing committee for a festival screening local and international films about sustainability and social justice. February 6-8, 2020, <http://www.ngff.ca/>

**Academic Collaborators:** Maurice Gallant, International Education, VIU

**Community Collaborators:** VIU's Global Citizens Week; Global Village Nanaimo; Shqapthut-A Gathering Place; SuLuqwa VIU Community Cousins; World Community Development Education Society; Sip and Sliders Food Truck

## Production/Performance

### **Meridian: Under Glass**

A video about humanity and technology, specifically humanity living with and through technology. Available at [www.meridian.is](http://www.meridian.is)

**Academic Collaborators:** Kevin Mazutinec, Art & Design, Vancouver Island University; Justin McGrail, Art & Design, Vancouver Island University; Marian van der Zon, Media Studies, Studies in Women and Gender, Vancouver Island University

## Professional Service

***VIU Faculty Representative & Member at Large of Radio Malaspina Society (CHLY, 101.7FM)***

## Workshops

### ***Digital Humanities Summer Institute***

Presented week-long workshop Digitization Fundamentals and their Application at the University of Victoria to international attendees. June 3-7, 2019, <http://dhsi.org/>

***Global Citizens Week: Stories from the Field Shared experiences of traveling in Kenya and Tanzania.***

***Academic Collaborators:*** Darrell Harvey, Faculty of International Education

## Music

### Rosemary Lindsay

## Production/Performance

### ***Andrea Bocelli concert***

Back-up singer with Phoenix Chamber Choir, Rogers Arena, Vancouver Concert with internationally renowned performer

***Cantalina Cuban Choir project, Vancouver: An exploration of Cuban Choral Music with Alina Orracca***

## Workshop

***Singing By Ear and The Inner Game of Teaching Pedagogy at Motif Music Studio, Comox***

## *Faculty of Education*

### Education

#### **Dr. Rachel Moll**

#### **Article**

##### ***"Between the Familiar and Strange: Understanding Good Teaching in Transnational Education Settings"***

in (2019). FIRE: Forum for International Research in Education, 5, 2, 172-194. Academic Collaborators: Marian Riedel, Faculty of Education, VIU

#### **Board/Committee Work**

***VIU Research Ethics Board Committee Member***

#### **Conference Presentation**

##### ***"Indigenous Education and Sustainable Development"***

Lunch and Learn presentation, Vancouver Island University, VIU

***Academic Collaborators:*** Danielle Alphonse, BCRIC, Aboriginal Early Childhood Development

#### **Conference Presentation**

##### ***Integrating Indigenous Perspective into Indigenous Education***

2019 Global Conference on Teacher Education for Education for Sustainable Development, Okayama, Japan,

***Academic Collaborators:*** Danielle Alphonse, BCRIC Aboriginal Early Childhood Development, VIU  
Marlene Rice, Elder in Residence, VIU

#### **Graduate Student Thesis Supervision**

##### ***Thesis supervision in Master of Education in Educational Leadership program***

- Stephanie Hall, Conditions that foster engagement and motivation in distributed learning: A case study, September 2019

- Sarah Attrill, Integrating Indigenous Knowledge into our classroom instruction: A study analyzing teacher confidence and district supports, July 2019
- Sara Mayo, Themes associate with teacher motivation, August 2019
- Rhonda Laforge, Building bridges: Shifting away from traditional discipline to the benefits of restorative practices in our schools, August 2019
- Adam Stefiuk, Project based learning: Meeting the needs of today's students, August 2019
- Kirandeep Kaur, Problems faced by secondary school students while studying physics in India, April 2020

## Research Project

### ***Alternate Delivery in K-12 Schools: COVID-19 Experiences and Possibilities***

Community Based Action Research project with 6 community partners to examine the experiences of schools districts and independent schools during the rapid transition to alternate delivery due to COVID-19. Funded by VIU RAC COVID-19 special call.

**Academic Collaborators:** Marian Riedel, Faculty of Education, VIU; Paige Fisher, Faculty of Education, VIU; Riki Cox, Professor, Faculty of Education, VIU; Alison Taplay, Faculty of Health and Human Services, VIU; Leif Rasmussen, Faculty of Health and Human Services, VIU

**Community Collaborators:** School District 68, Nanaimo-Ladysmith ; School District 69, Parksville-Qualicum ; School District 84, Vancouver Island West; School District 47, Powell River; Discover Montessori School; The High School at VIU

## Reviewer

### ***Internal Reviewer MA SLM Program Review, External Review Committee***

## Workshop

### ***Mentoring and Supervising Graduate Students***

A professional development workshop for VIU graduate student supervisors

**Academic Collaborators:** Pam Shaw, Faculty of Social Science, VIU; Joanne Schroeder, Faculty of Management, VIU; Erik Krogh, Faculty of Science and Technology; Mary O'Neill, Faculty of Education

## Graduate Student Thesis Supervision

### ***OLTD/MEdL Major Project Design and Process Paper Archive***

## **Dr. Marian Riedel**

### **Article**

***"Between the Familiar and Strange: Understanding Good Teaching in Transnational Education" Forum for International Research in Education, 5 (2) p. 172-194.***

A paper submitted for a special issue focusing on Innovative Teachers as Change Agents in FIRE: Forum for International Research in Education journal.

***Academic Collaborators:*** Dr. Rachel Moll, Associate Dean, Faculty of Education, VIU

### **Board/Committee Work**

***Board of Directors for The High School at VIU Member***

***Curriculum Committee at VIU, Member***

***Graduate Studies Advisory Committee, Member***

### **Conference Presentation**

***"Exploring Understandings of "Good" Teaching: Disrupting Binaries and Embracing the In-Between" Canadian Society for the Study of Education (CSSE) Conference Vancouver***

Association for Teacher Education (CATE) presentation at the Canadian Society for the Study of Education (CSSE) Conference Vancouver

***Academic Collaborators:*** Dr. Allyson Fleming, Professor, Faculty of Education, VIU

### **Graduate Student Thesis Supervision Graduate M.Ed. Thesis Supervision**

- Yu, J., Master of Education in Educational Leadership, Vancouver Island University. "Understanding the Experience of Chinese International Students in British Columbia Public Secondary School."
- Ergasheva, M., Master of Education in Educational Leadership, Vancouver Island University. "Walking a Fine Line - Education for Immigration to Canada."

## Research Project

### ***Alternate Delivery in K-12 Schools: COVID-19 Experiences and Possibilities***

As a result of the COVID-19 global pandemic of March 2020 and the need for a rapid shift to alternative delivery in K-12 education, this interdisciplinary research project represents an opportunity to capture the experience and subsequent learnings which could support future transitions and lasting meaningful change in education. This community-based participatory action research initiative worked closely with local school district and independent school community partners to answer: What was the experience of transitioning to alternate delivery in K-12? Data collection tools were co-constructed with each partner. The project will provide a comprehensive needs assessment for each community partner; provide an analysis across districts and schools to generate a picture of alternate delivery in K-12 schooling in and among participating regions; and deepen VIU's relationships with schools, school districts and communities. The project is also a recipient of a VIU Research Award.

***Academic Collaborators:*** Dr. Rachel Moll, Associate Dean, Faculty of Education, VIU; Paige Fisher, Faculty of Education, VIU; Riki Cox, Professor, Faculty of Education, VIU; Alison Taplay, Education Assistant and Community Support, Program Coordinator, Powell River Campus, Faculty of Health & Human Services, VIU; Leif Rasmussen, Instructor, Education Assistant and Community Support Program, Faculty of Health & Human Services, VIU; Colin Pybus, Graduate Student, Faculty of Education, VIU; Luan Arbuckle, Graduate Student, Faculty of Education, VIU

***Community Collaborators:*** School District 68 (Nanaimo/Ladysmith); School District 69 (Qualicum); School District 84 (Island West); School District 47 (Powell River); Independent School DMS (Nanaimo); Independent School THS (Nanaimo)

**Dr. Ana Vieira**

### **Board/Committee Work**

***Selection Committee: Faculty of Education Positions (Undergraduate and Master of Education in Special Education)***

## Graduate Student Thesis Supervision

### *Master of Education in Special Education Thesis Supervision*

- Andrea McCabe-O'Leary - Quality IEP Development, Implementation and Progress Monitoring
- Caitlin Erickson - The Key Sounds Reading, Spelling and Writing Approach in an Inclusive Classroom
- Kriti Ahuja - Elementary Teachers' Perspectives on the Use of Assistive Technology with Students with Special Needs
- Leanne Elynuik - Current Practices in Planning for IEP Students in Full Inclusion Classrooms in British Columbia
- Lindsey Elson - Illuminating the Brightest Stars: Using Differentiated Instruction to Support Young Gifted and Talented Students in Early Primary Classrooms
- Maria Arias - Orton Gillingham Approach: Home Connections
- Natalie Ingham - Supporting the Efficacy of Inclusive Education within British Columbia's Redesigned Curriculum
- Sarah Hung - Core Competencies and Inclusive Support: A Handbook for Paraprofessionals
- Sarah Lumley - Strength-Based Peer Support Approach to Dyslexia
- Stevie Olsthoorn - Effectiveness of Braidy, the StoryBraid® as a Tier-One Classroom Intervention

## Other Publication

### *Becoming a Teacher of Reading: Preservice Teachers Develop Their Understanding of Teaching Reading*

This dissertation used a qualitative case study methodology to investigate how three preservice teachers developed understandings of early reading pedagogy. Data collected included: three interviews; two prompted reflective writings; observation in the participants' reading processes course; and an interview with the course instructor. Findings indicated that: Preservice teachers' biographies influenced both their understanding of how to teach reading and their attitude toward it; they favoured practicum experience over university coursework and experienced tensions and resistance when their beliefs contradicted the ideas espoused in the course. Findings imply that teacher educators need to be explicit in providing many opportunities for their students to discuss and make sense of their epistemological understandings in relation to areas of tension with reading pedagogy.

## Workshop

### *Words Their Way - A Guide to Implementation.*

Invited to present a workshop to teachers at Fairview Community School in the Nanaimo-Ladysmith School District on how to implement the spelling program Words Their Way in their classrooms.



**Community Collaborators:** Nanaimo-Ladysmith School District

**Paula Waatainen**

### **Board/Committee Work**

**Nanaimo Museum: Board of Directors**

### **Conference Presentation**

***Place in Your Face: Place-based Learning in the Fraser Canyon***

Poster presentation at the National Council of the Social Studies annual conference in Austin, Texas, USA, November 2019.

**Academic Collaborators:** Dr. Teresa Farrell, Faculty of Education, VIU.

**Community Collaborators:** Charles Hou; Michael Kennedy; Sue & Darwin Baerg, Fraser River Raft Expeditions Byron Spinks, Tuckwiowhum Village; Dr. Daniel Marshall, University of Victoria; Brian Pegg, Kwantlen University

### **Conference Presentation**

***Taking digital civic media literacy resources off the screen.***

Poster presented at the Technology and Teacher Education pre-conference at the annual meeting of the Canadian Society for the Study of Education, UBC.

**Dr. Deirdre Wilson**

### **Board/Committee Work**

***Student Travel and Research (STAR) Committee***

STAR Committee Member - This committee allocates funds for student travel to conferences, as well as REACH Awards for student-led research.

**Academic Collaborators:** This committee is comprised of faculty from across campus; a representative from the Students' Union; and the Student Research Engagement Coordinator from the Scholarship, Research, and Creative Activity Office.

## Conference Presentation

### ***Blending Google Docs with the face-to-face modality to facilitate the collaborative writing process***

Virtual paper presentation at the Athens Institute for Education and Research (ATINER) 22nd Annual International Conference on Education. The presentation shared findings from a doctoral research study that explored a teacher's facilitation of a narrative writing project in a multicultural high school English class.

## Sport, Health & Physical Education

### **Dr. Guy Le Masurier**

#### **Community Engaged Scholarship**

##### ***Recreation Prescription Project (RPP):***

The RPP is an intersectoral intervention to enhance the health and well-being of 5th graders in South Nanaimo. The program is led by VIU Faculty member Joanne Schroeder from the Department of Recreation and Tourism Management and a former Recreation and Tourism student. The RPP engages student health advocates from several VIU Departments including, Nursing, Kinesiology, Child and Youth Care, Recreation and Tourism. In addition, the RPP engages several sectors including Island Health, the City of Nanaimo, SD68, physicians in the community and many more.

##### ***School Physical Activity and Physical Literacy Summer Institute Community of Practice***

An initiative funded by the BC Ministry of Health to enhance the capacity of pre-service and in-service physical and health educators to deliver quality physical and health education. In partnership with Physical and Health Education Canada and the Sport for Life Society, I have been working with several K-12 teaching professionals, university professors and indigenous Sport Leaders to develop a summer institute.

## Conference Presentations

### ***Developing Higher-Order Physical Literacy Skills in Secondary Physical and Health Education***

Engaging adolescents in meaningful experiences that support healthy, active lifestyles can be accomplished using a five-step personal program planning (PPP) process. The PPP process will support the development of specific, higher-order physical literacy skills among students, create rich opportunities for assessment, and facilitate connections among students, teachers and community organizations. In this session, participants will be provided with specific examples of

how each step of the PPP process engages students in active learning, as well as ideas for integrating the PPP process into existing program offerings.

### ***Meaningful Physical and Health Education from a Distance***

This presentation was part of a Texas-wide initiative to support teachers and students during the COVID-19 pandemic. My presentation focused on how to engage students in a personal planning process to develop self-management skills that support healthy, active living.

### ***The Charles Corbin Scholar Lecture for the Arizona Association of Physical and Health Educators***

It was an honour to be invited to deliver the scholar lecture in my PhD mentor's name. My presentation titled, "Developing Health and Physical Literacy Through Community Connections", focused on the existing research to support the delivery of quality physical and health education, with an emphasis on the role of conceptual physical and health education to support lifelong health and activity.

### ***When I Say "Go!" Maximizing Physical Activity in Movement Settings.***

School is one place where we can provide all children with health-enhancing physical activity. Therefore, physical educators and classroom generalists need specific skills and strategies to maximize physical activity when they engage students in movement settings, which includes classrooms. In this session, participants will develop specific skills focused on maximizing physical activity in movement settings and increase their confidence leading groups in movement settings.

## **Dr. Louis Mattar**

### **Conference Presentation**

#### ***"They'll only hate you for a little while: The need for Team-Based Learning in Exercise Physiology"***

At the Canadian Society for Exercise Physiology Annual Conference Teaching Symposium - Kelowna, BC, November 2019

## *Faculty of Health and Human Services*

### Bachelor of Science in Nursing

**Dr. Leigh Blaney**

#### **Article**

***Blaney, L., Wilde, D., & Hill, R. (2020). Transcending adversity: Resilience in volunteer firefighters. International Journal of Emergency Services. Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/IJES-10-2019-0055>***

***Academic Collaborators:*** Dr. David Wilde - Nottingham Trent University; Dr. Rowena Hill - Nottingham Trent University

#### **Board/Committee Work**

***Research Ethics Board (REB) member REB member***

#### **Curriculum or Program Development**

***Nursing 210 - Health & Healing IV - The social and mental health implications of pandemic.***

Course re-design subsequent to COVID-19 & declaration of public health emergency resulting in suspension of classroom instruction. Course redesigned for asynchronous learning with focus on resilience and managing mental health implications of pandemic.

***Academic Collaborators:*** VIU - Centre for Innovation and Excellence in Learning

#### **Professional Service**

***Acting chair - BSN program***

***Archipelago Critical Incident Stress Management (CISM) Society Clinical Coordinator***

(Ongoing) Volunteer position reporting to an elected Board of Directors. Coordination of intervention and education programs for emergency service, military, and industry personnel. Liaison with municipal, provincial, federal, and international disaster agencies.

#### **Professional Service**

***Member - interview panel - BSN faculty Member - interview panel***

## Research Projects

### ***Building resilience in volunteer firefighters Bridging the research to practice gap.***

Ongoing research 2018-2020. Funded by WorkSafeBC Innovation at Work grant, and VIU Explore grant

**Academic Collaborators:** Eric Agyekum - Vancouver Island University; Dean Slonowsky, Vancouver Island University; Joshua Lumley - 3rd Year BSN student; Jessica Sadlemyer - 3rd Year BSN student

**Community Collaborators:** Geoff Spriggs - Chief - Iqaluit Fire Rescue Service

### ***Strengthening the indomitable spirit in nursing: Piloting targeted resilience education***

Ongoing research exploring the effectiveness of targeted resilience education for nurses.

Partially funded by VIU Engage & Inquiry grants

**Academic Collaborators:** Eric Agyekum Dean Slonowsky

**Community Collaborators:** Island Health - NRGH site

## Reviewer

***Regional Editor & reviewer - International Journal of Emergency Services - 7 manuscripts***

***Reviewer - Disaster Prevention and Management - 1 manuscript***

***Reviewer - Journal of Public Health - 1 manuscript***

***Reviewer - Stress and Health - 2 manuscripts***

## Workshop

### ***Enhancing resilience in healthcare providers: From theory to practice***

A 6 hour interactive presentation on building and maintaining resilience for community mental health staff who have been dealing with the Opioid Crisis for several years as well as the 'usual' stressors of working in community mental health

**Community Collaborators:** Rand Thomson - Coordinator - Access Services - MHSU Nanaimo; Carrie Boland - Manager - MHSU acute services - Nanaimo; Normal Winsper - Manager - MHSU community services - Nanaimo

## Dr. Alana Devereaux

### Article

***Public Health Nurses' Experiences During the H1N1/09 Response in Public Health Nursing, 0(0), (2020). DOI: 10.1111/phn.12749.***

**Academic Collaborators:** Christine McPherson, RN, PhD, Associate Professor, Faculty of Health Sciences, University of Ottawa; Josephine Etowa, RN, PhD, Full Professor, Faculty of Health Sciences, University of Ottawa

## Marti Harder

### Article

***An Ortho Nurse's experience with a Fibula Fracture: Part Two in Canadian Association of Medical & Surgical Nurses Newsletter, Spring, 2020***

***An Ortho Nurse's experience with a Fibula Fracture: Part One in Canadian Association of Medical & Surgical Nurses Newsletter, Winter, 2019***

### Chapter

***Middle-Aged Adult Book Title: Canadian Health Promotion Throughout the Lifespan. Editor: Edelman & Kudzma. Publisher: Elsevier Canada: Toronto, 2020***

**Academic Collaborators:** Shannon Dames, RN, EdD, Bachelor of Science in Nursing, Vancouver Island University

### Research Project

***What Matters 2.0: Voices of Older Adults (with Chinese descent)***

This collaborative research project, between VIU and Mount Royal University, is Part 2.0 of a study to explore what matters most to older adults (over the age of 70 years) living independently in the community. In this qualitative study, participants from Chinese descent, living in Central Vancouver Island and Calgary, were asked to share their perspectives. Data was collected through audio-recorded interviews with 11 participants. The findings may help nurses

and nursing students to better understand Chinese older adults' views of what they value. Through the use of case study methodology, the researchers began to understand the lived experience of the participants' contexts. The project involved two students (from VIU and Mount Royal), and a Registered Nurse, as Research Assistants. The project was partially funded by The Explore Grant, and addressed VIU research priorities of health, resilience, and well-being.

**Academic Collaborators:** Piera Jung, RN, MSN, Bachelor of Science in Nursing, Vancouver Island University; Liza Choi, RN, MSN, School of Nursing and Midwifery, Mount Royal University.

## Piera Jung

### Book Chapter:

#### ***Caring Humanism in the classroom: Experience with Caring Science.***

In book, *Creating a Caring Science Curriculum: An Emancipatory Pedagogy for Nursing*. In Print. New York: Springer Publishing.

**Academic Collaborators:** Dr. Lynn Rollison, Professor, Faculty of Health and Human Services, Vancouver Island University; Dr. Marcia Hills, Professor, School of Nursing, University of Victoria; Dr. Jean Watson, Distinguished Professor of Nursing, University of Colorado Denver College of Nursing, Watson Caring Science Institute; Dr. Chantal Cara, Professor, Faculty of Nursing, University of Montreal

## Research Project

#### ***What Matters 2.0: Voices of older adults with Chinese descent***

This collaborative research project, between VIU and Mount Royal University, is Part 2.0 of a study to explore what matters most to older adults (over the age of 70 years) living independently in the community. In this qualitative study, participants from Chinese descent, living in Central Vancouver Island and Calgary, were asked to share their perspectives. Data was collected through audio-recorded interviews with 11 participants. The findings may help nurses and nursing students to better understand Chinese older adults' views of what they value. Through the use of case study methodology, the researchers began to understand the lived experience of the participants' contexts. The project involved two students (from VIU and Mount Royal), and a Registered Nurse, as Research Assistants. The project was partially funded by The Explore Grant, and addressed VIU research priorities of health, resilience, and well-being.

**Academic Collaborators:** Marti Harder, RN, MSN, Bachelor of Science in Nursing, Vancouver Island University; Liza Choi, RN, MSN, School of Nursing and Midwifery, Mount Royal University

## Brenda Lane

### Board/Committee Work

#### **Board Member**

Past President of the Canadian Association of Medical and Surgical Nurses (CAMSNS) serving 2 year term, following a two year term as President. This association has over 1100 Registered and Practical Nurse members nationally. Biennial national conferences are planned and held on even years. Involved with the planning for the 2020 conference and advised Board on activities, strategic development, sustainability, and educational endeavors.

## Pat Woods

### Article

#### ***"Learning Our Way, With the Land, and the People: A Collaborative Experience."***

AUTHORS: Fraser, J., Voyageur, E., Willie, P., Woods, P., Dick, V., Moynihan, K., Spurr, J., McAnsh, H., Tilston, C. & Deagle, H. (2020). in Witness: The Canadian Journal of Critical Nursing Discourse,2(1), 25 - 38

The story of land-based immersion learning for nursing students in remote First Nations communities is told through the stories of ten authors. We represent a collaboration between First Nations Knowledge Keepers, nursing students, and nursing faculty. Our inquiry draws on Indigenous knowledge paradigms and research methodologies. We are learning that inquiry requires commitment, authenticity, and a respect for differences. Most importantly, we are learning that nurses need to uncover ingrained and colonized assumptions in order to imagine new possibilities for learning and inquiring with Indigenous people and communities.

**Academic Collaborators:** Evelyn Voyageur, Elder in Residence NIC Cara Tilson, Nursing Faculty NIC; Heidi Rainbow Deagle, Nursing Faculty NIC; Four North Island College (NIC) BSN students

**Community Collaborators:** Community Members of Rivers Inlet, Kyuquot, Huu-ay-aht, Dzawadaenuxv First Nations ; Paul Willie, Treaty Manager, Wuikinuxy FN; Samantha Christianson, Hereditary Chief Kyuquot FN; Daniel Blackstone, Social Services, Kyuquot FN; Kristen Young, Health Manager, Huu-ay-aht FN; Joanna Fraser, Nursing Faculty NIC; Evelyn Voyageur, Elder in Residence NIC; Cara Tilson, Nursing Faculty NIC; Heidi Rainbow Deagle, Nursing Faculty NIC



## Education Assistant and Community Support

### Alison Taplay

#### Chapter

***Education Assistants as Advocates in The Role of an Education Assistant: Supporting Inclusion, Harmer, M. & Rao, A. Canadian Scholar Press, 2019***

A textbook chapter written collaboratively with VIU graduate, Joanie Chestnut, introducing the critical advocacy role Education Assistants play, the requisite communication skills, and the positive impact of their advocacy toward advancing full inclusion in our K-12 schools.

***Academic Collaborators:*** Mary Harber, Instructor, School of Health and Human Services, Camosun College; Asha Ra Program Leader, Education Assistant and Community Support, School of Health and Human Services, Camosun College

#### Research Project

##### ***We Will Teach Each Other***

Inspired and lead by VIU's undergraduate student, Courtney Harrop's vision for social change, this project increased awareness and understanding of Settler and Indigenous cultural and historical perspectives on child development and intellectual disabilities. Following a workshop with Alison Gerlach, a world Café generated dialogue in support of changes to increase cultural safety and respect in supports and services for children with disabilities in the qathet region. This project was completed in partnership with Rose Adams, Program Manager, Tla 'amin Child Development Resource Centre (TCDRC).

***Academic Collaborators:*** Dr. Janet Newbury, Adjunct Professor, School of Child and Youth Care, University of Victoria

***Community Collaborators:*** Rose Adams, Program Manager, TCDRC.

## Social Work

### Dr. Jeanette Schmid

#### Article

***Turton, J., & Schmid, J. (2020). Transforming social work: Contextualised social work education in South Africa. Social Work/ Maatskaplike Werk. (accepted for publication).***

***Academic Collaborators:*** Jessie Turton University of Johannesburg South Africa

## *Faculty of International Education and ELC English Language Centre*

**Sylvia Arnold**

### **Faculty workshop**

***CIECIEL workshop: Preparing for the Underprepared***

***Academic Collaborators:*** Kathleen Bortolin, Centre for Innovation and Excellence in Learning

### **Workshop**

***CIEL Show `N Share: Supporting International Students***

Panel discussion and Q and A regarding our experiences supporting International students at VIU.

***Academic Collaborators:*** Jean-Guy Robichaud, Hospitality Management, VIU; Dawn Johnson, English Language Centre, VIU

**Jacqueline Foster**

### **Publication**

***The Irregular Past Participle Roll.***

This submission was published by TESOL (Teaching English to Speakers of Other Languages) in *New Ways in Teaching with Games*. This book is a practitioner-oriented resource for instructors who are interested in high-interest activities for adult learners in the ESL classroom.

**Dawn Johnson**

### **Board/Committee Work**

***President's Committee on Diversity, Equity and Human Rights Committee member***

***Teaching and Learning Leadership Council***

Council member w/ colleagues from International, Business, Nursing, Computer Science, Theater, Humanities, Experiential Learning, Education, Horticulture, ABE

## **Workshop**

### ***Academic Spoken English Strategies: Speak English in class with confidence!***

Students who speak English as an additional language (EAL) often have language anxiety around oral communication which leaves them silenced in the classroom. This workshop was given to introduce participants to the Academic Spoken English Strategies Survey (Schroeder, 2016) as a source of interventions for scaffolding spoken academic communication.

### ***Supporting International Students at VIU: Strategies, Insights and Opportunities***

In this panel session, three VIU instructors shared stories about their experiences working with international students, highlighting the strategies they find most effective in setting students up for success. Dawn is currently engaged in doctoral studies around creating successful experiences for international students. Dawn modeled a mini-lesson on effective filters, unpacking various ways instructors can lower anxiety and stress for international students in the classroom.

***Academic Collaborators:*** Jean-Guy Robichaud and Sylvia Arnold, VIU / International and Hospitality

## *Faculty of Management*

Graduate Programs Office, Faculty of Management

**Dr. Stacie Chappell**

### **Article**

***"Shadow Work for Leadership Development" Journal of Management Development, 38, 5 (2019), 10-June-2019***

This paper expands upon scholarship exploring the application of Jungian psychological concepts to leadership development. Specifically, Jungian shadow is explored as a bridge between the simplistic conceptualization of good and bad leadership. The paper presents a clear and accessible introduction to Jungian psychology and suggests practical exercises for incorporating shadow work into leadership development.

***Community Collaborators:*** Cooper, E., University of Rhode Island Trippe, G., Trippe Psychotherapy Practice

***Introduction to the Andre Delbecq special issue.***

Journal of Management, Spirituality and Religion, 17, 1 (2020) André Delbecq was the founding pioneer of the Management, Spirituality, and Religion (MSR) Academy of Management interest group. His contributions continue to inspire thought, research, and action related to the promise and practice of spirituality in organizational life. The special issue provides a unique contribution in documenting André's legacy as the pioneering founder of the MSR scholarly domain.

***Academic Collaborators:*** Egel, E., Principal Consultant, Navigating; Kay, A., Department of Management, Jerusalem University of Technology

### **Article**

***"Spiritual Leadership Development: An Exemplar Protocol" Journal of Management, Spirituality and Religion, 17, 1 (2020)***

The nexus of spirituality and leadership infuses many leadership theories. However, there is a gap in our understanding regarding how organizations integrate spirituality with leadership development. This article makes a significant contribution to understanding the intersection of spirituality and leadership development by examining a specific facilitation protocol. In this paper, we begin with a literature review on spiritual leadership development: the intersection of spirituality, leadership and learning; the primacy of contemplative practice; and the importance of structure. Second, we describe a leadership development program design that explicitly integrates spirituality. Finally, we discuss the implications of this protocol for future practice and research on spiritual leadership development.

**Academic Collaborators:** Delbecq, A.L., Ignatian Center for Jesuit Education, Santa Clara University; McCready, W.C., Evaluation and Strategic Planning, Ministry Leadership Center

***"The Shadow Side of Teaching Classroom as Organization" Journal of Management Education, 43, 4 (2019)***

Classroom as organization (CAO) is an approach at the extreme end of an experiential learning intensity continuum. While proponents suggest they would never go back to a teacher-centered classroom, CAO has not become widely adopted since its initial description by Cohen. We argue this is, in part, because of shadow elements that may discourage faculty in both initial adoption and persistence in the journey from novice to master. This article reports the authors' reflexive process related to the shadow elements they encountered as early adopters of the CAO methodology. The article begins with a brief background on CAO, followed by a discussion of shadow elements that manifest at the student and faculty levels. We include our recommendations for practice.

**Community Collaborators:** Thomas, D. Assistant Professor, George Fox University

### **Conference Presentations**

***"A student-centered dissertation writing circle for a Doctor of Business Administration program". International Leadership Association, Leadership: Courage Required, Ottawa, October 2019***

This presentation will discuss a methodology for a professor to simultaneously chair multiple dissertations on similar topics while providing support, motivation, and training on editing and writing for students during the dissertation writing process. The writing circle is based on a classroom as organization design (Cohen, 1976) where students take significant roles as meeting chair, scribe, and peer-editor of their circle.

**Community Collaborators:** Thomas, D., Assistant Professor, George Fox University

***"Classroom as Organization: A new model and an exercise in peer-to-peer feedback". Management and Organizational Behavior Teaching Society, New Jersey, June 2019.***

This workshop provides an experiential introduction to the developmental feedback process used in an emerging format of Classroom as Organization (CAO). CAO falls on the extreme end of the experiential continuum with the assumption that students engage with each other and learn through doing leadership in context. Consequently, CAO designs focus on creating an organizational container in which empowered learners enact leadership. Participants will engage in real-time developmental feedback activity used within a CAO classroom. The workshop will also explore the benefits and barriers to using a CAO approach to teach leadership, management and organizational behavior, management, and organizational behavior.

**Community Collaborators:** Thomas, D., Assistant Professor, George Fox University

***"From campuses and public spaces to workplaces: Halting harassment one voice at a time"  
Society for Community Research and Action Biennial Conference, Chicago, IL, June 2019***

We examine the success of bystander intervention (BSI) programs on college campuses (e.g., Green Dot for Colleges) and in public spaces (e.g., Hollaback!) through the conceptual lens of role theory (e.g., Blumer, 1969) with an eye toward developing effective BSI programs in the workplace. Although BSI programs did not gain traction in work organizations until recently (EEOC, 2016), research on workplace sexual harassment (SH) has contributed to the success of BSI programs in the two domains described above. Our ultimate goal is to discover synergies across academic disciplines and BSI programs to improve strategies for eradicating SH across all three domains.

***Academic Collaborators:*** Bowes-Sperry, L., Professor, Western New England University  
Livingston, B. A., Professor, The University of Iowa

***"Giving Voice to Values in the #Me-Too Era" Annual Meeting of the Academy of Management,  
Chicago, IL, June 2019***

This session will explore the in-class activity of students practicing giving voice and receiving peer feedback within the specific context of experiencing/witnessing sexual harassment. The exercise is part of the Giving Voice to Values (GVV) curriculum. The intention is to demonstrate how the GVV curriculum can leverage powerful experiential learning around sensitive topics through role-plays. Following an introductory overview of GVV, participants will engage in a role play (using a script prepared by the facilitators) and receive peer feedback. The session will include time for discussion and participants will receive a handout of resource materials related to GVV.

***Community Collaborators:*** Bowes-Sperry, L., Professor, University of Western Australia

## Hospitality Management

**Dr. Jean-Guy Robichaud**

### Other Activity

***An Investigation into the Empowerment and Suppression of Voice in Higher Education  
International Partnerships.***

***Completion of Doctorate in Business Administration with a focus on Higher Education  
Management.***

## Management

### Dr. Martin Martens

#### Professional Service

***Reappointed to Editorial Board for Group & Organization Management journal.***

Appointed to a 3 year term on the Editorial Board of GOM. Group & Organization Management is dedicated to publishing theoretically grounded research that addresses a wide range of issues within organizations. From individual behavior to organizational strategy and functioning, GOM features both empirical and theoretical articles spanning various levels of analysis in organizations. GOM's conceptual and empirical focus gives scholars, educators, and practitioners the tools to help them solve the most challenging problems in today's organizations.

## Recreation and Tourism Management

### Dr. Patrick Brouder

#### Board/Committee Work

***Canadian Association of Geographers - Economic Geography Group.***

Chair of the economic geography study group which has over 100 faculty and graduate student members.

***International Polar Tourism Research Network (IPTRN).***

Member of the Steering Committee of the International Polar Tourism Research Network (IPTRN) - a group with a shared interest in research that advances the understanding of tourism in and about the Polar Regions. The IPTRN strives to generate, share and disseminate knowledge, resources and perspectives on polar tourism; and strongly supports the development of international collaboration and cooperative relationships between members, including university researchers, consultants, tourism operators, government organizations, community members, and graduate students.

#### Chapter

***Brouder, P., & Saarinen, J. (2019). Co-evolution and resilient regions: moving towards sustainable tourism development. In Resilient destinations and tourism (pp. 67-76). Routledge.***

***Brouder, P. (2019). Creative tourism in creative outposts. In A research agenda for creative tourism. Edward Elgar Publishing.***

**Brouder, P. (2019). *Towards a geographical political economy of tourism. In A research agenda for tourism geographies. Edward Elgar Publishing.***

## Article

**Fullerton, C., & Brouder, P. (2019). *Rural tourism in a metropolitan hinterland: co-evolving towards a resilient rural fringe. In Perspectives on Rural Tourism Geographies (pp. 41-61). Springer.***

## Conference Presentations

**Travel and Tourism Research Association - Canada Chapter. *Creative tourism: exploring the nexus of the creative sector and tourism in rural Canada. Saskatoon, Saskatchewan, September, 2019.***

**3rd International Creative Tourism conference - CREATOUR. *Creative outposts: tourism and sustainable rural development in Western Canada. Faro, Portugal, October 2020.***

## Other Activity

**Roy Wolfe Award 2020.**

Dr. Brouder was the 2020 recipient of the Roy Wolfe Award for outstanding contributions to the field and discipline of recreation, tourism and sport geography. The decision was made by the past award recipients from the American Association of Geographers' tourism specialty group.

## Research Project

***Creative Economies: Exploring the Nexus of Culture and Tourism in Rural and Peripheral Canada.***

(Social Sciences and Humanities Research Council of Canada Insight Development Grant, 2019-2021) Developments at the intersection of tourism and the cultural economies represent key processes with potentially high societal and economic impacts. Cultural tourism is one activity that can help realise inclusive and innovative development. The project examines the role of the cultural and creative economies in rural and remote communities where place-based development has been central to building community resilience in northern BC and Yukon.

**Academic Collaborators:** Nancy Duxbury, University of Coimbra; Suzanne de la Barre, Vancouver Island University.

***Investigating the Potential for Regional Sustainable Tourism Collaboration in the Great Bear Rainforest.***

(Regional Initiatives Fund grant, 2019-2020) Co-funded by VIU's Regional Initiatives Fund and Indigenous Tourism BC (ITBC) this grant is driven by leadership from BC's Central Coast First Nations and also supported by the Tula Foundation. The project entailed a community-led, VIU



co-facilitated workshop on sustainable tourism development with a follow-up report outlining the next steps in increasing regional tourism collaboration in the heart of the Great Bear Rainforest.

**Academic Collaborators:** David Pinel, North Island College; Rob Ferguson, Vancouver Island University.

**Community Collaborators:** Megan Humchitt, Heiltsuk Nation; Leona Humchitt, Heiltsuk Nation; Frank Brown, SeeQuest Development; Keith Hamilton, Numunus Management; Paula Amos, Indigenous Tourism BC.

## Reviewer

**Expert reviewer for Swiss National Science Foundation. Special call for research on COVID-19 (May, 2020).**

**Guest editor for Tourism Geographies.**

**Co-editor for special issue on COVID-19.**

## Dr. Suzanne de la Barre

### Article

***Maier, P., Vereda, M. and de la Barre, S. (2020). Introduction and Co-Author: Arctic Tourism Research: Emerging Scholars are moving the network forward. Special Issue: The Future of Polar Tourism. Journal of Tourism Futures. 6 (1), 3-5.***

### Board/Committee Work

#### ***Arctic Institute for Community Based Research (AICBR)***

Since April 2017 to present, the Arctic Institute of Community-Based Research (AICBR) is a unique Northern non-profit organization that works to bring together multiple groups and sectors on issues such as food security and food sovereignty, healthy lifestyles, youth engagement and mental health, and climate change adaptation. We work with northern Indigenous communities, Non-Governmental Organizations, governments (Indigenous, municipal, territorial, and federal), academics, graduate students, research organizations, and the private sector. Our approach prioritizes the principles of community-based research, youth engagement, collective impact, partnership development, community capacity building, knowledge sharing, intersectoral collaboration, and evaluation.

**Academic Collaborators:** Diverse university and other research agencies.

**Community Collaborators:** Many diverse community partners in and outside Yukon.

***Co-Director, Creative Strategies, VIU World Leisure Centre of Excellence (WLCE) - September 2018 to present***

***Member, IPTRN steering committee from 2008-2010 and from 2012 to present.***

The International Polar Tourism Research Network (IPTRN) is a group with a shared interest in research that advances the understanding of tourism in and about the Polar Regions. The IPTRN strives to generate, share and disseminate knowledge, resources and perspectives on polar tourism; and strongly supports the development of international collaboration and cooperative relationships between members.

***Academic Collaborators:*** Diverse, focussed on circumpolar region, but members are global.

### **Conference Presentations**

***Panel Session Organizer and Chair - Creative and Tourism Collaboration, Arctic Arts Summit, June 3-5, 2019***

During the last few decades we have witnessed remarkable changes in the arts and culture scene across the Arctic. This is equally true for tourism. Tourism creates particular tensions in communities, and requires a diverse set of possibilities achieved by individual and community responses to what tourism has to offer.

***Academic Collaborators:*** University of Lapland; University of the Arctic - Design Thematic Network

***Community Collaborators:*** Yukon First Nation Culture and Tourism Association (Yukon); Samii artist and academic

***CREATOUR- 3rd CREATOUR International Conference and Presentation: Creative Yukon: Exploring secondary data sources to understand the cultural sector in a peripheral area.***

Across the Circumpolar region, there is a growing motivation to understand how the creative and tourism sectors and processes engage social innovation, increase community resilience, generate positive social change and cross-cultural engagement, and affect economic diversification. This study aimed to identify data sources that are locally embedded and place-based, and assess what those findings can tell us about what is happening.

***Panelist: Place and community-based creative tourism - Lessons from the 6th IPTRN and introduction to SSHRC IDG funded project: Creative Economies: Exploring the Nexus of Culture and Tourism in Rural and Peripheral Canada.***

***Academic Collaborators:*** Nancy Druxbury, University of the Algarve

***Community Collaborators:*** Diverse community partners across Portugal

## Graduate Student Thesis Supervision

### ***Title of Research: Sex Segregation and the Participation of Transgender Adults in Recreation Sport***

MA Sustainable Leisure Management Program Research proposal approved in June 2020 Name of student: Son Tung Nguyen

## Other Activity

### ***Advancing Indigenous Tourism, Yukon First Nation Culture and Tourism Association***

Conference Planning Adviser to Yukon First Nation Culture and Tourism Association (YFNCT) event organizers, with specific support to the Engaging Indigenous Youth in Tourism Panel Discussion, which showcased a VIU BTM Indigenous student.

***Community Collaborators:*** Diverse community and First Nation culture and tourism organizations across Yukon and Canada.

### ***6th Annual Vancouver Learning Lab, Master of Arts in Sustainable Leisure Management (MASLM)***

The SLM Vancouver Learning Lab or VLL is a 3 day field school delivered in Vancouver and themed around innovation, and transformative and sustainable change for communities, cultures and tourism. The field school is part of the MA SLM program, and offered as part of one of its courses. SLM 604 provides an opportunity for learners to understand how to influence, create and manage meaningful and sustainable change. Through activities such as speakers and presentations, site visits and tours of social and other change-oriented enterprises, mapping exercises, group discussions and debriefings, we examine diverse aspects of leisure in relation to (positive, social, transformational) change, stakeholders, planning, innovation and sustainability. Go to the URL for the 2019 Visiting Scholar reflection.

***Academic Collaborators:*** Dr. Marco Bevolo, Breda University of Applied Sciences, The Netherlands; Dr. Patrick Brouder, BC Regional Innovation Chair, Sustainable Tourism; Alix Varnajot, PhD Candidate, Oulu University, Finland

***Community Collaborators:*** YWCA Vancouver; Edible Canada; 312Main; Groundswell, Feral and Fabcycle; City of Vancouver, Planning Department, Granville Island; CityStudio Vancouver; Skwachays Lodge and Art Gallery; Salmon n Bannock Bistro

## Other Publications

***Maher, P., Vereda, M. and de la Barre, S. (2020). Special Issue: The Future of Polar Tourism. Journal of Tourism Futures. Volume 6 Number 1. Guest Editor.***

***Published report from Artic Tourism in Times of Change, Year 2, Seasonality:***

Rantala, O., de la Barre, S., Granås, B., Þór Jóhannesson, G., Müller, D.K., Saarinen, J., Tervo-Kankare, K., Maher, P.T., and Niskala, M. (2019). Arctic Tourism in Times of Change: Seasonality. Nordic Council of Ministers. TemaNord 2019:528. ISSN 0908-6692.

**Academic Collaborators:** Outi Rantala (University of Lapland) Dieter Müller (Umeå University) Gunnar Þór Jóhannesson (University of Iceland); Brynhild Granås (University of Tromsø) Kaarina Tervo-Kankare (University of Oulu); Jarkko Saarinen (University of Oulu); Pat Maher (Nippissing University)

### ***Masters Certificate in Northern Tourism, The University of the Arctic***

Since 2015, seven partner institutional members of the UArctic's Thematic Network for Tourism, including VIU, have run a field school and two online courses. The certificate provides students with a learning experience focused on tourism issues as they are experienced in the peripheral places across the northern circumpolar world. The certificate is issued to masters level graduate students upon successful completion of a circumpolar field school and two online courses. To date 7 VIU SLM graduate students have participated in the program. The 2019/2020 program included: 1) October, field school (Umeå, Sweden) and 2) November and April online instruction for modules delivered for the UArctic program.

**Academic Collaborators:** Pat Maher (Nippissing University)

**Community Collaborators:** Destination Umea; Tour operators; Bildmuset

## **Research Project**

### ***Arctic Tourism in Times of Change Year 2: Arctic Urban Tourism***

The Arctic Tourism in Times of Change project is funded by the Arctic Cooperation Program, also Nordic Council of Ministers and investigates significant features and challenges related to tourism development: Seasonality (Finland, 2018), Arctic Urban Tourism (Sweden, 2019), and Overtourism (Iceland, 2020). The project involves various actors discussing common and place-specific challenges and solutions (e.g., students, researchers, DMO representatives, tour operators).

For WLCE blog post: <https://management.viu.ca/sustainable-leisure-management/blog/viu-and-wlce-leading-tourism-research-and-graduate-student>

**Year 2 report on Arctic Urban Tourism (in press: <https://www.norden.org>)**

**Academic Collaborators:** Outi Rantala (University of Lapland); Dieter Müller (Umeå University) Gunnar Þór Jóhannesson (University of Iceland); Brynhild Granås (University of Tromsø);

Kaarina Tervo-Kankare (University of Oulu); Jarkko Saarinen (University of Oulu); Pat Maher (Nippissing University)

**Community Collaborators:** Destination Umea; Tour operators; Bildmuset

## Research Project

***SSHRC IDG, Creative economies - exploring the nexus of culture and tourism in rural and peripheral Canada***

Coinvestigator in the 3 year project addressing community resilience through creative tourism, and aims to codesign solution oriented development strategies and engage in capacity building, tourism development, and support to sustainable economies in remote and rural regions. Project website: <https://sites.google.com/view/creativetourismcanada>

## Invited Peer Reviewer

***Journal of Tourism and Cultural Change, The Arctic Institute, Center for Circumpolar Security Studies, Austria (Special series, book chapter)***

## Workshops

***Festival of Silence and Northern Platform #4***

From June 6-8, 2019, the Silence Festival gathers the performances and artists from Finland and abroad to Lapland. The Northern platform #4: Sustainable futures of arts in the Arctic region, was a multidisciplinary planning forum for sustainability in the arts and culture workshop. The event targeted art and culture-related professionals and was developed as an after talk to the Arctic Arts Summit (in Rovaniemi).

**Community Collaborators:** Diverse Finland community partners involved.

***Nakai Landscape Theatre Residency and Project Development Workshop, Whitehorse, Yukon***

Fuelled by collaborations that resulted from the 6th IPTRN in Whitehorse in June, 2018, the summer residency which occurred from August 14-24 brought 10 co-designers together including Yukoners and nationally renowned arts leaders who collaborated to design and prototype possible approaches for creating a successful annual landscape-based theatre and performance program for community members and visitors to the territory. For the Landscape Theatre Residency Blog Post, September 12, 2019:

<https://sites.google.com/view/polartourismresearch/knowledge-commons?authuser=0>

**Academic Collaborators:** Simon Fraser University, University of Calgary

**Community Collaborators:** Outpost 31; Trace Dance Practice; Yukon Arts Centre Northlight Innovation Centre; Nakai Theatre; 10 Ramshackle Theatre

## Curriculum or Program Development

### ***Master of Arts in Sustainable Leisure Management (MASLM) Program Review Committee***

During September 2018 to May 31, 2020, and with committee members SLM Chair, Joanne Schroeder and Dr. Garrett Stone, and informed by work with all SLM program faculty, plan, facilitate, create and present the SLM program review self-study report.

## Dr. Tom Delamere

### Book

***Case Study Volume Editor: Innovative Leisure Practices: Cases as Conduits Between Theory and Practice (Volume 4). VIU Press: Nanaimo, 2020.***

### Graduate Student Thesis Supervision

- ***Li, Wei (Olivia), Master of Arts in Sustainable Leisure Management, Vancouver Island University. "An Exploratory Study of Factors Affecting Sustainable Cosmetic Consumption."***

***Academic Collaborators:*** Co-Supervisor: Jonelle Knowles, Professor, Hospitality Management, Vancouver Island University.

- ***Lei, Qianying (Claire), Master of Arts in Sustainable Leisure Management, Vancouver Island University. "Tourism Information Service: A Case Study of Smart Tourism and the Lipont Art Centre."***

***Academic Collaborators:*** Co-Supervisor: Meaghan Froh-Metcalf, M.M.St., Outreach and Programs Manager, Ontario Culture Days.

## Dr. Janet McKeown

### Research Article

*Schultz, C. S., McKeown, J. K. L., & Wynn, D. (2020). Altmetrics: Measuring public engagement with contemporary leisure scholarship. Leisure Sciences, 42(1), 123-131.*

### Chapter in an Edited Collection

*McKeown, J. K. L. (in press). Friendships in the singlehood: Examining leisure and community for single adult women. In T. D. Glover & E. Sharpe (Eds.), Leisure communities: Rethinking mutuality, collective expression, and belonging in the new century (pp. 38-47). Routledge.*

## Dr. Garrett Stone

### Article

***Beginners are Many but Enders are Few: How to End a Course Well and Why it Matters***

Learning activity published in Schole: A Journal of Leisure Studies and Recreation Education documenting pedagogical practices related to bringing social, emotional and academic closure to a course.

***Academic Collaborators:*** Gwynn Powell, Associate Professor, Department of Parks, Recreation and Tourism Management, Clemson University; Francis McGuire, Professor, Department of Parks, Recreation and Tourism Management, Clemson University

***Rethinking Curriculum Internationalization: Virtual Exchange as a Means to Attaining Global Competencies, Developing Critical Thinking, and Experiencing Transformative Learning***

Empirical study published in Schole: A Journal of Leisure Studies and Recreation Education on how virtual exchange can be used to facilitate remote intercultural communication and learning.

***Academic Collaborators:*** Lauren Duffy, Professor, Department of Parks, Recreation, and Tourism Management, Clemson University; Jasmine Townsend, Professor, Department of Parks, Recreation, and Tourism Management, Clemson University; Jamie Cathey, Lecturer, Department of Parks, Recreation, and Tourism Management, Clemson University

## Article

### ***Rights of Passage Programs: Culturally Relevant Programs for Black Youth***

Empirical study published in the Journal of Parks and Recreation Administration exploring the essential elements of rights of passage programs and their contribution to positive youth development in Black communities.

***Academic Collaborators:*** Harrison Pinckney, Assistant Professor, Department of Parks, Recreation, and Tourism Management, Clemson University; Aisha Brown, Assistant Professor, Department of Health Promotion and Behavioral Sciences, University of Louisville; Harold Manzano-Sanchez, Assistant Professor, Institute of Education and Pedagogy, Universidad del Valle; Corliss Outley, Professor, Department of Parks, Recreation, and Tourism Management, Clemson University

## Board/Committee Work

### ***British Columbia Graduate Scholarship Review Committee***

Reviewed applications and made recommendations for students to represent VIU as recipients of the British Columbia Graduate Scholarship.

***Academic Collaborators:*** Joanne Schroeder, Professor, Department of Recreation and Tourism Management, Vancouver Island University; Janet McKeown, Professor, Department of Recreation and Tourism Management, Vancouver Island University

### ***Faculty of Management Student Travel Fund Committee***

Review applications for the research and scholarly activity student travel fund in the Faculty of Management.

### ***Master of Sustainable Leisure Management Review Committee***

Coordinate the graduate program review process in the MA SLM program at Vancouver Island University including the collection of data, preparation of self-study, and action planning and reporting.

***Academic Collaborators:*** Joanne Schroeder, Professor, Department of Recreation and Tourism Management, Vancouver Island University; Suzanne de la Barre, Professor, Department of Recreation and Tourism Management, Vancouver Island University

### ***Research Ethics Board***

Member of the Research Ethics Board at Vancouver Island University.



### ***World Leisure Center of Excellence Committee Member***

Carry out the mission and vision of the Vancouver Island University World Leisure Center of Excellence, in conjunction with the World Leisure Organization.

***Academic Collaborators:*** Joanne Schroeder, Professor, Department of Recreation and Tourism Management, Vancouver Island University; Suzanne de la Barre, Professor, Department of Recreation and Tourism Management, Vancouver Island University

### **Conference Presentation**

#### ***Tourism Matters***

Keynote address at the Careers in Tourism Symposium hosted in the Malaspina Theatre, Vancouver Island University.

***Community Collaborators:*** Eliot White-Hill, Project Coordinator, Petroglyph Development Group; Laurel Sliskovic, Owner, Sociable Scientist; Darsey Batchelor, Travel Trade and Media Manager, Tourism Vancouver Island

#### ***Learning Partnership Agreement between Vancouver Island University Department of Recreation and Tourism Management, and Tourism Vancouver Island.***

Prepared and facilitated the signing of a learning partnership agreement between Vancouver Island University Department of Recreation and Tourism Management, and Tourism Vancouver Island. The partnership marks a commitment to student learning, industry development, and an effort to close industry-academy gaps.

***Community Collaborators:*** Tourism Vancouver Island

### **Other Publication**

#### ***Using Design Thinking to Assess Needs and Develop Leisure Programming for Women of Lived Experience with Homelessness***

Technical Report prepared for the Island Crisis Care Society and Samaritan House, documenting the leisure needs of women of lived experience with homelessness sheltering in Nanaimo.

***Academic Collaborators:*** Sharon Kelly, Professor, Department of Recreation and Tourism Management, Vancouver Island University; Lexuan (Six) Deng, Graduate Student, Master of Sustainable Leisure Management Program, Vancouver Island University

***Community Collaborators:*** Island Crisis Care Society

## Professional Service

### ***Introduction to Tourism and Hospitality BC***

Edited two chapters (Ch. 6: Entertainment, Ch. 8 Services Marketing) of the BC Campus open access textbook

## Reviewer

### ***Innovative Leisure Practices Case Volume 4***

### ***World Leisure Journal Reviewer***

Special issue on Leisure, Community, and Economic Development

## Workshops

### ***The Nexus of Indigenization & Internationalization***

A special interest working group of Vancouver Island University and staff exploring the intersections of indigenization and internationalization locally and globally.

### ***Toward a more inclusive university: Expanding the International Dimensions of VIU's Indigenization Policies***

Presentation Given at Vancouver Island University's Soup and Bannock Lunch and Learn Series on the Links between Internationalization and Indigenization.

***Academic Collaborators:*** Phillip Oxhorn, Dean, Faculty of International Education, Vancouver Island University

### ***Working Smarter not Harder: Tips for Embedding Research into the Classroom***

Professional development panel and discussion offered through the Scholarship, Research and Creative Activity Office at Vancouver Island University focused on how to link service, teaching, and research.

## Dr. Aggie Weighill

### Conference Presentation

#### ***Academic and community partnerships for sustainable tourism development: Reflecting on 10 years of field work***

At the International Conference on Linking Industry with Academia in Tourism and Hospitality Sector in Development Countries (LIATH-DC), Dar es Salaam, Tanzania. February 10-11, 2020.

### Graduate Student Thesis Supervision

#### ***Xinyi Lu, Master of Arts in Sustainability Leisure Management. Thesis title: Leisure experience of Chinese international students: The factors facilitating participating in physical activities.***

**Academic Collaborators:** Dr. Amanda Johnson, Recreation and Tourism Management, VIU  
Dr. Jaye Choe Bournemouth University, UK

### Other Activity

#### ***Jocelyne Fournier, Exploring environmental education curriculum and programming in Wechiau junior high schools***

Building off research conducted as part of the 2019 Ghana Research and Study Tour. Jocelyne and her research team members worked with the Wechiau Community Hippo Sanctuary (WCHS) staff to conduct an assessment of environmental values and behaviours as well as familiarity with the mission and activities of the WCHS. Her REACH award build off data collected from teachers and headmasters at the junior high schools of Wechiau.

**Community Collaborators:** Mr. Alhaji Kasim Summand, Chairman, WCH Sanctuary Management Board; Mr. RY Abudulai Issahaku, Manager, Wechiau Community Hippo Sanctuary; Ms. Rufiatu, Research Assistant, Wechiau Community Hippo Sanctuary Mr. Hafiz, Research Assistant, Wechiau Community Hippo Sanctuary

### REACH Award Student Researcher Supervisor

#### ***Megan Fortune, Exploring pro-environmental values and behaviours of junior high students in Wechiau Community Hippo Sanctuary, Ghana.***

Building off research conducted as part of the 2019 Ghana Research and Study Tour. Megan and her research team members worked with the Wechiau Community Hippo Sanctuary (WCHS) staff to conduct an assessment of environmental values and behaviours as well as familiarity with the mission and activities of the WCHS. Her REACH award build off data collected from students within the junior high schools of Wechiau (5).

**Community Collaborators:** Mr. Alhaji Kasim Summand, Chairman, WCH Sanctuary Management Board; Mr. RY Abudulai Issahaku, Manager, Wechiau Community Hippo Sanctuary; Ms. Rufiatu, Research Assistant, Wechiau Community Hippo Sanctuary; Mr. Hafiz, Research Assistant, Wechiau Community Hippo Sanctuary

## **Undergraduate Research Supervision**

### ***Sustainable Tourism Development Through Collaborative Partnerships.***

Megan Fortune and Georgia Brennan used research conducted on the 2019 Ghana Research and Study Tour to develop a research poster for the 2019 Travel and Tourism Research Association Conference in Saskatoon, SK. Their research focused on the work that was done with the community of Atsiekpoe and the Wechiau Community Hippo Sanctuary.

**Community Collaborators:** Community members from Atsiekpoe and the Wechiau Community Hippo Sanctuary were involved in the activities that lead to the creation of this poster.

### ***Evaluating visitor satisfaction through a community - university partnership***

Jocelyne Fournier and Annie Boersen analysed visitor satisfaction data collected by staff at the Wechiau Community Hippo Sanctuary and presented on those results but also on how the partnership between the WCHS and VIU has led to this evaluative research being conducted. The results were presented at the 2019 Travel and Tourism Research Association conference in Saskatoon, SK.

**Community Collaborators:** Mr. Alhaji Kasim Summand, Chairman, WCH Sanctuary Management Board ; Mr. RY Abudulai Issahaku, Manager, Wechiau Community Hippo Sanctuary; Mr. Agba Tugbani, Head Guide, Wechiau Community Hippo Sanctuary All tour guides at the WCHS (collected data)

## **Workshops**

### ***Backwards Design for Learning***

Facilitated a three day workshop on course redesign based upon the principles of Backwards Design. The workshop was for tutors of the Event Management program at the National College of Tourism in Dar es Salaam, Tanzania.

**Community Collaborators:** Colleges and Institutes Canada - ISTEP 11

### ***Research Design Workshop***

Facilitated a four session workshop on research design and data analysis with colleagues at the National College of Tourism in Dar es Salaam, Tanzania.

**Community Collaborators:** Colleges and Institutes Canada - ISTEP Project; Faculty of Science & Technology: Biology

## Graduate Programs, Applied Business Projects

| <b>Student</b>          | <b>Title</b>   | <b>Supervisor</b> |
|-------------------------|--|-------------------|
| Mats Löfstedt           | <i>Hilti Group: Developing use-cases for new technologies</i>  | Frank Theuerkorn  |
| Buniechukwu Mbonu       | <i>SAP S/4 Hana Materials Management - Implementation Template for Mining Companies</i>  | Darren Paproski   |
| Tanner Shpiruk          | <i>CIBC Wood Gundy: Business Development Strategy for a Wealth Management Practice</i>   | Andy Lin          |
| Yuko Matsushima         | <i>SME positioning within the PR industry: a small company perspective</i>   | Bonita Russell    |
| Ugonna Ugoanyanwu       | <i>TD Auto Finance Nanaimo - Managing Stress in a High-Pressure Environment</i>  | Darren Paproski   |
| Jigar Pandya            | <i>Harbour City Bingo: Workplace Training</i>  | Laurie Dean       |
| Samuel Ogunmomunwa      | <i>Credit Card Business Strategy Development - TD Bank</i>   | Darren Paproski   |
| Vaitheeswaran Rajasekar | <i>An Analysis Study on Business Expansion of Reef Kitchens to enter Vancouver Market</i>  | Jennifer Ford     |
| Jagannath Dash          | <i>Global Payments Inc, - Marketing Strategy to Increase Customer Base in Vancouver</i>  | Jennifer Ford     |
| Yanfei Ke               | <i>Murrick Insurance - Insurance Market Analysis</i>   | Darren Paproski   |
| Dhruv Gautam            | <i>TD Auto Finance Business Development Strategy</i>   | Andy Lin          |
| Andre Montenegro        | <i>Strategies Based on Customer Lifetime Value and its effect on business growth</i>   | Darren Paproski   |
| Dadi Zhao               | <i>Early Education Industry: What caused the shortage of childcare resources?</i>  | Jennifer Ford     |
| Brinda Master           | <i>Implementation of Project Tracking Tools in a Contract Research Organization</i>  | Laura Gover       |
| Chaitanya Gupta         | <i>The value in 'mentoring plans' in academic institutions</i>   | Jennifer Ford     |
| Trina Forrest           | <i>Enterprise Risk Management Governance Structures in Higher Education</i>  | Laura Gover       |
| Ermias Gosako           | <i>SMEs Fight for Survival: An Exploration of the Development of a Strategic Marketing Plan for EpiTech Public Health Consulting</i> | Laura Gover       |
| Oluwaseun Ogundana      | <i>Carmichael Enterprise: Becoming a Social Enterprise</i>   | Bonita Russell    |

|                             |   |                 |
|-----------------------------|---|-----------------|
| <b>Akhil Batra</b>          | <b><i>Childcare Operational Management Practices &amp; Service Delivery Effect on Business Performance</i></b>  | Jennifer Ford   |
| <b>Nidhi Purohit</b>        | <b><i>Marketing in Real Estate – Jahelka Real Estate Group</i></b>  | Darren Paproski |
| <b>Aidana Nuranova</b>      | <b><i>Mosaic Forest Management: Efficiency Improvement by Applying Automated Functions to Accounting System</i></b>                                       | Andy Lin        |
| <b>Kazi Mohammed Faisal</b> | <b><i>Kinetic Wireless Inc: Micro and Macro Environmental Analysis</i></b>  | Andy Lin        |
| <b>Sumit Mundra</b>         | <b><i>Private Animal Welfare (NGOs) – Exploring Options for Growing in (Financial) Sustainability</i></b>   | Jennifer Ford   |
| <b>Nathan Binega</b>        | <b><i>TD Bank: Issues and Improvements of Auto Finance</i></b>  | Andy Lin        |
| <b>Huyen Nguyen</b>         | <b><i>PetSmart Employee’s satisfaction within the Vancouver Region</i></b>  | Oscar Ruelas    |
| <b>Chikwere Dike</b>        | <b><i>TD Bank Group: Customer Satisfaction and Employee Retention</i></b>   | Jennifer Ford   |
| <b>Devika Patel</b>         | <b><i>An Assessment of the Fitness Industry and Identification of Marketing Practices that are applicable to Nanaimo Athletic Club in Nanaimo, BC</i></b> | Jennifer Ford   |
| <b>Aniruddha Gupte</b>      | <b><i>How Process Optimization Drastically Affects Financial Aspects in an Organization</i></b>   | Erin Egeland    |
| <b>Anh Nguyen</b>           | <b><i>The Business Case for Equity, Diversity, and Inclusion at Vancouver Island University</i></b>   | Erin Egeland    |
| <b>Shivali Jaiswal</b>      | <b><i>Digital Media and SMEs: Importance of Social Media</i></b>  | Johan Latulippe |
| <b>Mohit Sharma</b>         | <b><i>Shoppers Drug Mart-Operations of Retail Stores and Its Analysis</i></b>   | Johan Latulippe |
| <b>Damini Mehta</b>         | <b><i>A&amp;W Friendship Foods: Analysis of Customer Service in Restaurant</i></b>  | Bonita Russell  |

## Faculty of Science and Technology

### Biology

#### Dr. Eric Demers

#### Board/Committee Work

##### ***Board Member, Rocky Point Bird Observatory***

Member of the board for the Rocky Point Bird Observatory. Act as master bird bander and workshop presenter at the annual Rocky Point Bird Observatory Bird Banding Workshop.

**Community Collaborators:** Rocky Point Bird Observatory

##### **Credentials Committee, College of Applied Biology of British Columbia**

***Review education and professional experience of candidates for Registered Professional Biologist (RPBio) designation with the College of Applied Biology of BC***

**Community Collaborators:** College of Applied Biology of British Columbia

#### Research Project

***Turkey vultures (*Cathartes aura*) display social learning and complex decision making in string-pulling tests.***

Scavenging species, such as crows, are known for their ability to solve complex problems due to their enhanced spatial and temporal awareness. Turkey vultures (*Cathartes aura*) are also scavengers, so they should theoretically possess a high level of cognition. This study tested vulture cognition by testing object discrimination and decision making. In an object discrimination test, two vultures discriminated between a hanging rock and hanging meat by selecting the meat. In an overload test, the birds were presented with a very large and heavy piece of meat hanging beside a small easily obtainable piece of meat. These results suggest that turkey vultures use means-end understanding to solve problems and can make flexible decisions.

**Academic Collaborators:** Christina Youngren, Biology Student, VIU

**Community Collaborators:** The Raptors, Duncan; Jamie Gorrell, Professor, Biology, VIU; Jane Watson, Emeritus Professor, Biology, VIU

## Research Project

### ***VIU Bird Banding Station at Buttertubs West Marsh, Nanaimo, BC***

The VIU Bird Banding Station at Buttertubs West Marsh operated during April–October 2019, and 20 passerine mist nets were operated during 28 days. A total of 1,631 birds were caught from 48 species. Of these, 1,204 birds were banded and 427 birds were recaptures of previously banded birds. Twenty-three nest boxes were monitored for nesting productivity. Out of 141 eggs laid in all nest boxes, 106 eggs hatched, and 84 young birds fledged (fledging success: 79%). A total of 51 volunteers (VIU current and past students, employees, and community members) contributed over 1,703 hours to the project and received training in bird monitoring and banding. Five presentations of public bird banding demonstrations were conducted to a variety of audiences, including school children and VIU students.

***Community Collaborators:*** Nature Trust of BC; City of Nanaimo; Ducks Unlimited Canada; Dupuis JR, University of Kentucky

## Dr. Jamie Gorrell

### Article

***Confidently identifying the correct K value using the delta-K method: when does K = 2? Molecular Ecology, 29: 862-869 (2020).***

***Academic Collaborators:*** Cullingham CI, Carleton University; Miller JM, University of Alberta; Peery RM, University of Alberta; Malenfant RM, University of New Brunswick; Janes JK Vancouver Island University

### Article

***Spatial genetic structure of Rocky Mountain bighorn sheep Ovis canadensis canadensis at the northern limit of their native range***

Canadian Journal of Zoology., 98: 317-330 (2020)

***Academic Collaborators:*** Deakin S, University of Alberta; Kneteman J, Government of Alberta Hik D, Simon Fraser University; Jobin R, Government of Alberta; Coltman DW, University of Alberta

### Conference Presentation

***Genetic diversity and relatedness in the endangered Vancouver Island marmot captive breeding program. Canadian Society for Ecology and Evolution, in Fredericton, August 2019***



**Community Collaborators:** McAdie M, Marmot Recovery Foundation; Carnio J, Marmot Recovery Foundation; Barrett, KG, Vancouver Island University; Janes JK, Vancouver Island University; Davis C, University of Alberta; Moehrenschrager A, Calgary Zoo

### Conference Presentation

***No link between personality and life history in red squirrels despite accounting for sex and environment. Canadian Society for Ecology and Evolution, in Fredericton, August 2019***

**Academic Collaborators:** Haines JA, University of Alberta; Skurdal AMM, University of Alberta Bouchier T, University of Alberta; Boutin S, University of Alberta; Taylor RW, Stanford University McAdam AG, University of Guelph; Lane JE, University of Saskatchewan; Kelley AD, University of Alberta; Humphries MM, McGill University; Coltman DW, University of Alberta; Dantzer B, University of Michigan; Hämäläinen A, University of Alberta

### Conference Presentation

***When does  $K=2$ , and what does it mean? Canadian Society for Ecology and Evolution, in Fredericton, August 2019***

**Academic Collaborators:** Cullingham CI, Carleton University; Miller JM University of Alberta; Peery RM, University of Alberta; Dupuis JR, University of Kentucky; Malenfant RM, University of New Brunswick; Andrew RL, University of New England; Janes JK Vancouver Island University

### Research Project

***Effectiveness of Site-level Camera Traps for Wildlife Species Detection in Studies of Disturbance***

BIOL 491, Undergraduate Research Project by Jordan Heppell

**Academic Collaborators:** Liz Gillis, RMOT, Vancouver Island University

**Community Collaborators:** Melissa Todd, FLNRORD, Government of BC

### Dr. Mercedes Hernandez

#### Research Project

***Effect of Hypergravity on bacterial secondary metabolite production and antibiotic resistance:***

A discontinuous centrifugation protocol was used to study the effect of high gravity on the production of the secondary metabolite violacein in *J. lividum* and changes on the antibiotic resistance patterns of two isogenic *E. coli* strains that differ on their sensitivity to the antibiotic

streptomycin. Increased levels of antibiotic tolerance were observed on the streptomycin-sensitive *E. coli* strain.

**Academic Collaborators:** Dr. John Amaral, Biology; Fiona Gregoire, Undergraduate student VIU

## Dr. Jasmine Janes

### Articles

***Landscape drivers of genomic diversity and divergence in woodland eucalypts. Molecular Ecology, 24 (2019).***

**Academic Collaborators:** Kevin Murray, PhD student, Biology, Australia National University; Helen Bothwell, Postdoctoral Researcher, Biology, Australia National University; Ashley Jones, Technician, Biology, Australia National University; Rose Andrew, Senior Lecturer, Environmental and Rural Sciences, The University of New England; Justin Borevitz, Professor, Biology, Australia National University.

***Modelling landscape genetic connectivity of the mountain pine beetle in western Canada. Canadian Journal of Forestry Research, 49 (2019).***

**Academic Collaborators:** Julien Wittisch, PhD student, Biology, University of Montreal. Patrick James, Associate Professor, Biology, University of Montreal.

***Moving on from the insect apocalypse narrative: Engaging with evidence-based insect conservation BioScience, 70 (2019).***

**Academic Collaborators:** Manu Saunders, Lecturer, Environmental and Rural Sciences, The University of New England; James O'Hanlon, Postdoctoral Researcher, Environmental and Rural Sciences, The University of New England.

***Semantics of the insect decline narrative: recommendations for communicating insect conservation to peer and public audiences. Insect Conservation and Diversity, DOI:10.1111/icad.12406, (2020).***

**Academic Collaborators:** Manu Saunders, Lecturer, Environmental and Rural Sciences, The University of New England; James O'Hanlon, Postdoctoral Fellow, Environmental and Rural Sciences, The University of New England

***When does  $K=2$  and what does it mean? Molecular Ecology, DOI: 10.1111/mec.15374 (2020).***

**Academic Collaborators:** Catherine Cullingham, Assistant Professor, Biology, Carleton University; Joshua Miller, Postdoctoral Researcher, Biology, University of Alberta; Rhiannon Peer, Post Doctoral Researcher, Biology, University of Alberta; Julian Dupuis, Assistant Professor,

Biology, University of Kentucky; Rene Malenfant, Assistant Professor, Biology, University of New Brunswick; Jamie Gorrell, Professor, Biology, Vancouver Island University.

## **Community Engaged Scholarship**

***CBC Quirks & Quarks Interview with Amanda Buckiewicz***

(did not air due to COVID)

***Global Citizens Week***

***CHLY 101.7FM live interview***

## **Conference Presentation**

***Characterizing floral visitor communities of *Plantanthera* orchids. PACIFIC ECOLOGY AND EVOLUTION (2020)***

**Academic Collaborators:** Genevieve van der Voort Maarschalk, student, Biology, Vancouver Island University; Staffan Lingdren Adjunct Professor, University of Northern British Columbia

***Optimizing fungal extraction, isolation and identification methods for the invasive *Epipactis helleborine*. Pacific Ecology and Evolution (2020)***

**Academic Collaborators:** Cassandra Twiname, Student, Biology, Vancouver Island University

## **Graduate Student Thesis Supervision**

***PhD Candidate Supervision Momena Khandaker, PhD Student, The University of New England***

## **Media Interview**

***Interview with Oliver Milman of The Guardian for an upcoming book on insect declines.***

## **Other Activity**

***New tools to forecast & prevent norovirus contamination in farmed oysters Genome British Columbia, Sector Innovation & GeneSolve Grant.***

**Academic Collaborators:** Timothy Green, CRC, Fisheries and Aquaculture, Vancouver Island University; Erik Krogh, Professor, Chemistry, Vancouver Island University

## **NSERC Discovery Grant**

*Tri-kingdom coevolution: mechanisms & consequences of hybridization*

### **NSERC Discovery Launch Grant**

*Tri-kingdom coevolution: mechanisms & consequences of hybridization*

### **Professional Service / Peer Review**

*Academic Editor: PeerJ - The Journal of Life and Environmental Sciences*

*Associate Editor" Ecology and Evolution*

*Peer Review: Philosophical Transactions of Royal Society B*

*Peer Review: PLoS Biology*

*Peer Review: Journal of Biogeography*

*Peer Review Evolutionary Applications*

### **Research Project**

*BIOL491 Undergraduate Research Project by Cassandra Twiname*

Assessing the mycorrhizal specificity of the introduced orchid *Epipactis helleborine*.

*Academic Collaborators:* Caroline Josefsson, Professor, Biology, Vancouver Island University

*Community Collaborators:* Milner Gardens and Woodland

### **Research Project**

*BIOL491 Undergraduate Research Project by Genevieve van der Voort Maarschalk Assessing floral visitors of *Platanthera* (Orchidaceae) and close relatives*

*Academic Collaborators:* Staffan Lingdren, Adjunct Professor, Biology, University of Northern British Columbia

***NSERC USRA student project by Amanda Friesen***

Development of a metagenomics approach to assess Vancouver Island marmot diet in the wild.

***Academic Collaborators:*** Jamie Gorrell, Professor, Biology, Vancouver Island University

## Chemistry

### Dr. Erik Krogh

#### Articles

***A New Mass Spectrometry Based Approach for Organic Synthesis Monitoring***

V. Termopoli, E. Torrisi, G. Famigliani, P. Palma, G. Zappia, A. Cappiello, G. Vandergrift, M. Zvekic, E. Krogh, C. Gill, *Analytical Chemistry*, 91(18), 11916-11922, 2019.

DOI.org/10.1021/acs.analchem.9b02681

***Academic Collaborators:*** Chris Gill, Chemistry, Vancouver Island University  
Achill Cappiello University of Urbino Carlo Bo

***Direct Analysis of Naphthenic Acids in Constructed Wetland Samples by Condensed Phase Membrane Introduction Mass Spectrometry***

K.D. Duncan, L. Richards, J. Monaghan, M.C. Simair, C. Ajaero, K.M. Peru, V. Friesen, D.W. McMartin, J.V. Headley, C.G. Gill, E.T. Krogh

*Science of the Total Environment.*, 716, 137063, 2020. DOI: 10.1016/j.scitotenv.2020.137063

***Academic Collaborators:*** Chris Gill, Chemistry, Vancouver Island University  
John Headley, Watershed Hydrology and Ecology Research Division, Environment and Climate Change Canada

***Direct measurement of acid dissociation constants of trace organic compounds at nanomolar levels in aqueous solution by condensed phase membrane introduction mass spectrometry***

J.F. Feehan, J. Monaghan, C.G. Gill, E.T. Krogh, *Environmental Toxicology and Chemistry*, 38, 1879-1889, 2019. DOI: 10.1002/etc.4519

***Academic Collaborators:*** Chris Gill, Chemistry, Vancouver Island University

***Discrimination and geo-spatial mapping atmospheric VOCs using full scan direct mass spectral data collected from a moving vehicle***

L.C. Richards, N.G. Davey, C.G. Gill, E.T. Krogh,  
Environmental Science: Processes and Impacts, 22, 173-186, 2020. DOI: 10.1039/C9EM00439D

**Academic Collaborators:** Chris Gill, Chemistry, Vancouver Island University; Nick Davey, AERL, Vancouver Island University

***Mapping the Geospatial Distribution of Atmospheric BTEX Compounds using Portable Mass Spectrometry and Adaptive Whole Air Sampling***

N.G. Davey, R.J. Bell, C.G. Gill, E.T. Krogh, Atmospheric Pollution Research, 11, 545-553, 2020.  
doi.org/10.1016/j.apr.2019.12.003

**Academic Collaborators:** Chris Gill, Chemistry, Vancouver Island University

***Rapid screening of dialkyl phthalates using liquid reagent chemical ionization with membrane introduction tandem mass spectrometry***

G. Vandergrift, W. Lattanzio-Battle, E.T. Krogh, C.G. Gill, Journal of the American Society of Mass Spectrometry, 31(4), 908-916, 2020. dx.doi.org/10.1021/jasms.9b00143

**Academic Collaborators:** Chris Gill, Chemistry, Vancouver Island University

## Earth Sciences

### Sandra Johnstone

#### Project

***Digital Geoscience Data Mobilization for the VIU Earth Science Department***

A research and database management plan was developed, following industry best practices, to standardize and preserve primary geoscience data. Centralizing the information improves data accessibility and exchange of ideas, diversifies content hosted in VIUSpace, and increases the digital footprint of the VIU Earth Science Department. Improved accessibility to these datasets may contribute to more comprehensive provincial geoscience data coverage.

**Academic Collaborators:** Kathleen Reed, Data Librarian, Library, Vancouver Island University

#### Research Project

***Petrologic and Geochemical studies of Nanoose Bay volcanic rocks***

Coordinated and supervised curricular research projects for students in GEOL 300 and GEOL 308. Field observations, and detailed rock descriptions, along with major oxide and trace element

geochemical analysis were used to test petrogenetic processes and tectonic settings for volcanic rocks across. Results were compared to published data, and analyzed using empirically-derived discrimination techniques. Results showed that the volcanic rocks of Nanoose do not fall neatly within typical chemical ranges of either arc volcanics nor mid-ocean ridge basalts. Formation environment may be back-arc basin or oceanic plateau.

## Fisheries and Aquaculture

### Dr. Dan Baker

#### Research Project

##### ***Enhancing conservation efforts at recruitment for White sturgeon through alterations to egg rearing methods***

In this research project, we wanted to examine how typical egg rearing techniques might create poor quality larvae in white sturgeon, a red listed species (CITES and SARA listed) of fish that inhabits the Fraser, Columbia and Nechako Rivers in BC. The use of "McDonald" or tumbling jars has evolved organically in hatcheries for white sturgeon, but we reared white sturgeon eggs on screens to simulate the conditions in white sturgeon spawning beds and compared the survival and other metrics with those hatched in tumbling jars. While few obvious parameters were different (small differences in sizes, for example), mortality rates in the first 60 days were substantially smaller in larvae rearing on screens, suggesting that tumbling jars, while having labour and space savings, are not nearly as suitable for egg rearing as screens. We intend to follow up on this work this summer, and share it with hatcheries and other conservation groups.

**Academic Collaborators:** Dr. P. Schulte, Professor, Zoology, University of British Columbia  
M. Eahart Ph.D. Candidate, Zoology, UBC

## Forest Resources Technology

### Bill Beese

#### Board/Committee Work

##### ***BC Big Tree Committee***

Member of the Provincial committee that approves nominations to BC's Big Tree Registry of the largest trees of each species, maintained by the University of British Columbia.

#### Other Activity

### ***Association of BC Forest Professionals (ABCFP) Conference and AGM***

Participated as a member of the ABCFP in the Annual General Meeting and Conference in Nanaimo, BC. Students from VIU Forestry attended sessions on a variety of current forestry topics and assisted the conference host committee.

### **Guest lectures**

Guest lectures for the University of British Columbia, Masters in Sustainable Resource Management program, and the Coast Forest Region of the BC Ministry of Forests, Lands and Natural Resource Operations on variable retention harvesting and associated research.

***Academic Collaborators:*** University of British Columbia

### ***Understory vegetation response to alternative silvicultural treatments and systems: 26-year results***

A study supported by Mosaic Forest Management and Natural Resources Canada quantified and compared understory vegetation cover and diversity under alternative silvicultural systems and establishment treatments for a montane forest near Campbell River. Long-term plots were measured 26 years post-harvesting in clearcut, patch cut, retention and shelterwood systems as well as fertilization and vegetation control sub-treatments. We compared species richness, diversity and evenness over time to the pre-harvest forest. Harvesting had the greatest impact on forest floor mosses, which remain at one-third or less of their pre-harvest cover. We found no evidence to suggest that fertilization at the time of planting or early vegetation control had any lasting effect on abundance and species composition of understory vegetation.

***Community Collaborators:*** J.S. Sandford, Forestry Consultant, Nanaimo, BC; Dr. C. Filipescu, Research Scientist, Canadian Wood Fibre Centre, Natural Resources Canada, Victoria; BC; J. Hodgson, RPF, Sr. Manager, Forestry Operations, Mosaic Forest Management, Nanaimo, BC

### **Reviewer**

### ***Scientific research articles for two journals: Forest Ecology and Management and Forests***

### **Workshop**

#### ***UBC Forests Summit 2020***

Invited participant and volunteer discussion table host for a workshop to develop a shared vision of the future of BC's forests. There were roughly 80 participants representing communities, government, First Nations, industry, environmental groups, academia, and unions.

***Academic Collaborators:*** University of British Columbia and several other BC institutions



## International Centre for Sturgeon Studies

**Dr. Dan Baker**

### Conference Presentation

***Poster presentation at NASPS in Winnipeg: "Hatchery Rearing effects of White sturgeon development" Annual General Meeting of the North American Sturgeon and Paddlefish Society, October 2019.***

### Research Project

***The role of water pH in mediating the respiratory acidosis associated with elevated carbon dioxide in an aquaculture setting***

Recirculating aquaculture systems are the latest technology designed to promote land-based, sustainable aquaculture, generally with finfish. White sturgeon are a species of interest for culture, both for conservation and food production. However, trade offs exist in balancing fish health and density in these systems. One of the most common limiting factors is accumulation of carbon dioxide, which in turn can cause internal acidification that must be corrected, presumably with some cost to the fish. We predicted that by altering water pH, we could facilitate this compensatory response. Indeed, when water was made less acidic, fish demonstrated more rapid and complete recovery from a respiratory acidosis, suggesting that controlling water pH could be an important method of promoting fish welfare in high density systems.

***Academic Collaborators:*** Dr. Ryan Shartau, Research Fellow, VIU Affiliate, Fisheries and Oceans Canada

## Math

**Dr. Jane Wodlinger**

### Articles

***"Subgraph-avoiding Minimum Decycling Sets and k-Conversion Sets in Graphs" JOURNAL NAME, VOLUME, DATE: Australasian Journal of Combinatorics, 74, 2 (2019)***

***Academic Collaborators:*** Michael D. Francis, PhD candidate, Department of Mathematics, Penn State University; Christina M. Mynhardt, Professor, Department of Mathematics and Statistics, University of Victoria

***"The k-conversion number of regular graphs". AKCE International Journal of Graphs and Combinatorics (2020)***

**Academic Collaborators:** Christina M. Mynhardt, Professor, Department of Mathematics and Statistics, University of Victoria

## Physics/Engineering/Astronomy

### Raymond Penner

#### Article

***"Gravitational anti-screening and predictions within the solar system". *Astrophys. Space Sci.*, 365, 65 (2020)***

The author's theory of gravitational anti-screening, which has previously been applied to various astronomical observations as an alternative to dark matter, is now applied to the solar system. The effect that gravitational anti-screening has on the precession rate of the planets is determined and compared to observations. In addition, the effect that gravitational anti-screening will have on certain orbital parameters of long-period comets was determined. It is found, from the theory, that the Oort cloud of comets is much closer than currently conjectured. It is further found from the theory that comets orbiting at this distance will have orbital speeds approximately 20% greater than that currently predicted from Newtonian theory.

#### Production/Performance

##### ***2019 Extreme Science show***

In May 2019 the 10th annual Extreme Science show was presented by members of the Physics and Chemistry departments. A total of 5 shows were presented at the Malaspina theatre at VIU and were attended by 1500 students and teachers from the mid-island region. The event was a great success with all shows being sold out. All the funds raised went towards projects carried out by LED Africa.

#### Project

##### ***Science for All***

Through the charity LED Africa ([www.ledafrica.org](http://www.ledafrica.org)) visits were made to schools in Malawi, Africa in July 2019. The goal of these visits was to encourage students to pursue studies in science and engineering. The main event was a water bottle rocket competition which involved 32 teams at each school. During the month of July seven schools were visited and since that time another nine schools have been visited by the Malawian partner. Overall the events were very well received and expansion to schools both in Malawi and in Nanaimo are in the works.

## Faculty of Social Sciences

### Anthropology

Dr. Paul Ewonus

#### Articles

**Ewonus, Paul A. 2020. Review of "Waterlogged: Examples and Procedures for Northwest Coast Archaeologists". BC Studies no. 206 (Summer 2020): 136-137.**

[https://bcstudies.com/book\\_film\\_review/waterlogged-examples-and-procedures-for-northwest-coast-archaeologists/](https://bcstudies.com/book_film_review/waterlogged-examples-and-procedures-for-northwest-coast-archaeologists/)  
<https://ojs.library.ubc.ca/index.php/bcstudies/article/view/193353/189730>

**Ewonus, P. & G. Ewonus. 2019. The Wild Horse Canyon Trail: Shifting strategies of colonial settlement in the Okanagan. The Midden, special issue: Historical Archaeology 49(2): 11-20.**

A peer-reviewed research article, published in an historical archaeology special issue of The Midden, a BC archaeological journal. The article discusses the early historic use of the Wild Horse Canyon Trail in the Okanagan Valley as an example of the developing effects of colonialism in the region, especially for its Indigenous inhabitants.

<https://journals.uvic.ca/index.php/midden/issue/view/1481>

**Community Collaborators:** Westbank First Nation Penticton Indian Band (both members of the Okanagan Nation Alliance); George Ewonus (College Board of Canada)

**Ewonus, P.A., C.F. Speller, R.L. Carlson & D.Y. Yang. 2020. Toward a geography of foodways in the southern Gulf Islands, Pacific Northwest Coast. North American Archaeologist 41(1): 3-32.**

A research article published in an international archaeology journal. Evidence presented in the paper shows that temporal patterns in small fish remains and ancient salmon DNA at the Pender Canal site (DeRt-1) correspond with region-wide changes in land use, helping to interpret the formation of Coast Salish social relationships and identities over millennia. DOI: <https://doi-org.ezproxy.viu.ca/10.1177/0197693120916965>

**Academic Collaborators:** Dr. Camilla Speller, Department of Anthropology, University of British Columbia; Dr. Roy Carlson, Department of Archaeology, Simon Fraser University; Dr. Dongya Yang, Ancient DNA Laboratory, Department of Archaeology, Simon Fraser University; Rebecca Wigen, Department of Anthropology, University of Victoria; Shannon Wood, Department of Archaeology, Simon Fraser University

**Community Collaborators:** Councillor Simon Smith, Jr., Karen Harry, and Chief Don Tom, Tsartlip First Nation; Chief and Council, Tsawout First Nation

## Research Project

### ***Parks Canada/Haida Nation SGang Gwaay Storm Damage Archaeological Response Research Project 2019***

A Parks Canada/Haida Nation funded archaeological field research project during August 2019 to mitigate storm damage to SGang Gwaay UNESCO World Heritage Site, located in Gwaii Hanaas National Park Reserve and Haida Heritage Site. This interdisciplinary project is a collaboration between Parks Canada, Haida Nation and the University of Victoria. Archaeological excavation was conducted from August 7-21 at SGang Gwaay Llnagaay (Village). The field component of the project involved archaeological test excavation in two of the ethnohistoric and precontact post-and-beam plank houses at the site, Nan Sdins 'Thunder Rolls Upon It' House and 'People Wish to Be There' House. The project was conducted in collaboration with Haida Nation, including the Council of the Haida Nation, Haida Hereditary Chiefs, the Archipelago Management Board and the Haida Watchmen, as well as the University of Victoria. Parks Canada manages the overall project.

***Academic Collaborators:*** Jenny Cohen, principal investigator (Archaeology and History Branch, Indigenous Affairs and Cultural Heritage Directorate, Parks Canada); Dr. Quentin Mackie, Robert Kennedy, Anna Socha (Department of Anthropology, University of Victoria)

***Community Collaborators:*** Haida Nation (Camille Collinson, Mary Hart, Goox Beaton, Robert Kennedy), including the Council of the Haida Nation (Jonas Pollard, Noel Bellis), Haida Hereditary Chiefs, the Archipelago Management Board, and the Haida Watchmen (David Dixon, Vince Collison, Jordyn Sankey)

## Dr. Imogene Lim

### **Board/Committee Work**

#### ***Chinese Canadian Community Advisory Committee (CCCAC)***

As a member, Dr. Lim assists the Province of British Columbia in strengthening social, economic and cultural ties among members of the Chinese diaspora in the province and around the globe. Most recently, with the Multicultural Advisory Society, the two advisories recommended actions the government should undertake in response to the increase in hate and racism during the COVID-19 pandemic.

***Academic Collaborators:*** Dr. Jo-Anne Lee, Associate Professor Emerita, Gender Studies, University of Victoria

***Community Collaborators:*** Bill Yee, Co-Chair of Committee, retired provincial lawyer and judge; Winnie Lee, Co-Chair of Committee, Director of Operations, Inter-Cultural Association of Greater Victoria

### ***Coal Creek Historic Park Advisory Committee***

Appointed member, by the Village of Cumberland, to advise council and the Cumberland Museum & Archives on activities located in Coal Creek Historic Park and matters related to the former Chinatown and #1 Japanese Town. The public unveiling of the signage for #1 Japanese Town, June 8, 2019, was the most significant event of the year.

***Community Collaborators:*** Kevin McPhedran, Parks and Recreation Coordinator, Village of Cumberland; Michelle Willard, Executive Director, Cumberland Museum & Archives

### ***Editorial Board, BC Studies***

Renewed appointment as member of the Editorial Board, serving in an advisory capacity.

***Academic Collaborators:*** Dr. Paige Raibmon, Editor, BC Studies

***Community Collaborators:*** Leanne Coughlin, Managing Editor, BC Studies

### ***VIUFA Human Rights and International Solidarity Committee***

Elected Chair of VIUFA's Human Rights & International Solidarity Committee (HRISC). Dr. Lim worked with colleagues in other institutions and organizations to bring speakers, presentations, and films (Worldbridger Film Series) as part of HRISC's mandate.

***Academic Collaborators:*** Dr. Don Alexander, Geography, VIU; Dr. Colleen McVeigh, Anthropology, VIU; Darrell Harvey, Coordinator, Int'l Projects & Internationalization, VIU; Monica Kay, Director, Diversity, Equity & Human Rights, VIU; David Lemire, Instructor, Education Assistant & Community Support, VIU; Fiona Meyer-Cook, Professor, Social Work, VIU

***Community Collaborators:*** Jennifer Fowler, Executive Director, CVI Multicultural Society; Peace Brigades International; New Society Publishers Co-Development Canada; Federation of Post-Secondary Educators Nanaimo Global Film Festival Society VIUSU Eco Club

### ***Inter-disciplinary Experiences Committee***

Work with VIU colleagues to develop a plan to support the creation of an Interdisciplinary Studies degree . This is an initiative of the Office of the Associate Vice-President Academic.

***Academic Collaborators:*** Dr. Daniel Burgoyne, Professor, English, VIU; Rob Ferguson, Professor, Recreation and Tourism Management, VIU; Marilyn Funk, Professor, Department of Resource Management and Protection, VIU; Dr. Hope Leith, Professor, Modern Languages, VIU; Brandon Nelson, Business Case Analyst, VIU; Maureen Okun, Professor, Liberal Studies, VIU; David Paterson, Dean, Faculty of Education, VIU; Ross McKay, Associate Vice-President, Academic Office of the Provost, VIU; Sylvie Lafreniere, Professor, Sociology, VIU; Bryan Webber, Acting Dean, Management, VIU.

### **Board/Committee Work**

### ***Laurier Institution***

Elected Board Member. The Laurier Institution "collaborate[s] with partners to ignite collaboration, deepen shared learning, and inspire action around equity, diversity and inclusion." Students in ANTH 418, Researching Community, prepared video transcripts as an assignment for The Laurier.

***Academic Collaborators:*** Robert Daum, Fellow and Lead, Diversity and Innovation, SFU; J. Reddy Associate Director, Leadership and Community Building Programs, SFU; Ciprian Jauca, Managing Editor for Cochrane Hypertension, Anesthesiology, UBC; Kory Wilson, Executive Director, Aboriginal Initiatives and Partnerships, BCIT

***Community Collaborators:*** Gwen Gnazdowsky, Founder, ONE Conversation Coaching & Facilitation; Sharad Khare, Documentarian, Khare Communications; Yipeng Ben Lu, television producer and director; Warren H. Wong, Talent Management Consultant; Kyla Epstein, Interim Co-Executive Director, BCIT Faculty & Staff Association; Devon Wong, Creative Consultant

### ***Museum of Vancouver Exhibition Advisory Committee***

Invited member who collaborated with a team of museum specialists, community members, and academics. The exhibit, A Seat at the Table, will open this summer.

***Academic Collaborators:*** Dr. Tina Loo, Professor, History, UBC; Dr. Henry Yu, Associate Professor, History, UBC

***Community Collaborators:*** Dr. Viviane Gosselin, Director of Collections & Exhibitions, MOV John Atkin, Civic History; Larry Bafia, Centre for Digital Media; Belle Cheung, Cultural Planner, City of Vancouver; Catherine Clement, Curator, Vancouver Chinatown History; Kim Gough, Learning Program Developer, Royal BC Museum; Kevin Huang, Co-founder/Executive Director, hua Foundation; Vincent Kwan, Executive Director, Dr. Sun Yat-Sen Classical Chinese Garden; Winnie Kwan, Dr. Sun Yat-Sen Classical Chinese Garden; Sarah Ling, President, Chinese Canadian Historical Society of BC; Carmen Papalia, Art and Accessibility; Hayne Wai, past-President Chinese Canadian Historical Society of BC Baldwin Wong, Social Planner, City of Vancouver; Bill Yuen, Executive Director, Heritage Vancouver

### ***Ormsby Literary Society***

Invited board member. The Ormsby Review is an online publication of the Society.

***Academic Collaborators:*** Dr. Eldon Yellowhorn, Associate Professor, Indigenous Studies, SFU

***Community Collaborators:*** Richard Mackie, Editor and Publisher, The Ormsby Review

### ***President's Committee on Diversity, Equity and Human Rights***

Met quarterly as a group, chaired by Monica Kay, Director, Office of Diversity, Equity and Human Rights, to advise the President and the University on measures for promoting and developing institutional diversity, equity, and respect for human rights.

### ***Working Group - Chinese Canadian Museum***

Invited member, a sub-group of the Chinese Canadian Community Advisory Committee. Met regularly to determine Terms of Reference and creation of a society to oversee the creation of a Chinese Canadian Museum. Advised on the development of a pocket gallery in Chinatown.

***Community Collaborators:*** Kevin Huang, Co-Founder/Executive Director, hua foundation  
Hayne Wai, community member; Alan Lowe, former Mayor of Victoria; Bill Yee, former judge, Provincial Court of BC; Winnie Lee, Director of Operations, Inter-Cultural Association of Greater Victoria

### **Community Engaged Scholarship**

#### ***Accessibility Study for the Museum of Vancouver***

Invited participant to better inform the Museum of Vancouver about accessibility in its multiple forms in engaging with the public.

***Community Collaborators:*** Carmen Papalia, facilitator and artist; Michael Lis, Owner Goodweather Design Studio; Ronnie Harris, artist; Carleen Thomas, Special Projects Manager, Tsleil-Waututh Nation

#### ***Interview on Chinese Canadian History***

Specifically Cumberland, for 1871 (working title for Knowledge Network), a 4-part documentary, <https://www.knowledge.ca/media-releases/2019/02/13/screen-siren-pictures-commissioned-knowledge-network-bc-history>

***Community Collaborators:*** Trish Dolman, President, Screen Siren Pictures Inc

### **Consultant**

#### ***Consulted by Hayley Gray and Elad Tzadok, Directors, Scopitone Films***

Research development for Unarchived, a NFB documentary, <https://production.nfbonf.ca/en/project/unarchived/>

***Community Collaborators:*** Hayley Gray, Director, Scopitone Films; Elad Tzadok, Director, Scopitone Films; Laura Cuthbert, researcher/founder, Populous Map

## Curriculum or Program Development

### ***Chair, Program Review, Anthropology***

Worked with University Planning and Analysis in hosting Anthropology's External Review Committee, which included a student focus group meeting, then prepared the department's Plan of Action.

***Academic Collaborators:*** Bob Muckle, Instructor, Capilano University; Dr. Laurie Beckwith, Instructor, Douglas College

## Other Activity

***Beyond Pender Series #5, hosted by the Chinese Canadian Historical Society of BC Invited speaker, "Beyond Pendas: History vs Popular Imagination of Chinatowns"***

***Community Collaborators:*** Chinese Canadian Historical Society of British Columbia

### ***Women's Mural for Suzhou Alley, Vancouver Chinatown***

Community consultant to artist team.

***Community Collaborators:*** June Chow, co-founder, Youth Collaborative for Chinatown; Jessica Quan, Special Projects Manager, Vancouver Heritage Foundation; Catherine Clement, Curator-Designer, Past & Present Story Design; Helen Lee, Planner, Chinatown Transformation Team

## Book Review

***Ann Hui, Chop Suey Nation: The Legion Café and Other Stories from Canada's Chinese Restaurants.***

***#591: Ginger beef and fried macaroni, The Ormsby Review, August 9, 2019.***

## Professional Service

***Advisor for Dialogue and Civic Engagement Certificate, SFU Continuing Studies***



Two-year appointment beginning in 2019; meet once a year for a day-long workshop with instructors.

**Academic Collaborators:** Jennifer Reddy, Associate Director, Leadership and Community Building Program, SFU

## Workshops

### ***Asian Canadian Studies at Congress, Locating our Pedagogies: Asian Canadian Studies Now***

Invited panellist, workshop on Community Engagement and Collaboration

**Academic Collaborators:** Dr. Leonora Angeles, Associate Professor, Social Justice Institute/School of Community and Regional Planning, UBC; Dr. Satwinder Bains, Director, South Asian Studies Institute, University of the Fraser Valley; Dr. Henry Yu, Associate Professor, History, UBC

**Community Collaborators:** Winnie Cheung, Pacific Canada Heritage Centre-Museum of Migration

### ***Linking the Stories: A Warm Land Heritage Workshop, hosted by the Cowichan Valley Museum & Archives***

Invited speaker, Made in Canada: "Chinese" Culinary Creations.

**Community Collaborators:** Cowichan Valley Museum & Archives Heritage BC

### ***Mapping Heritage: Uncovering Community***

Invited panellist, Heritage BC webinar; originally scheduled to be a workshop for the annual meeting of Heritage BC.

**Community Collaborators:** Hayley Gray, Director, Scopitone Films; Elad Tzadok, Director, Scopitone Films; Judith Cook, Heritage Planner, BC Heritage Branch; Christina Reid, Executive Director, Heritage Abbotsford Society; Cathi Charles Wherry, Special Advisor, First Peoples Cultural Council; Laura Saretsky, Heritage Program Manager, Heritage BC

## Community Planning

**Dr. Don Alexander**

## Articles

### ***Professional development and awareness-raising Zoom webinars***

Specific topics included using the campus as a sustainability lab, exploring sustainability in the curriculum (these two were organized by the Association for the Advancement of Sustainability in Higher Education), climate justice, a 5-part series on Climate Change and Covid (sponsored by SFU Faculty of Environment), Just Recovery and Anti-Racism, a Green New Deal, all-day workshop on the Sustainable Developments, and follow-up consultation session, Declaring a Climate Change Emergency, and Professionals Best Practices for Resilience, planning and conservation issues, Indigenous Youth Engagement and Climate Action. The latter four workshops were sponsored by the Planning Institute of B.C.

***Academic Collaborators:*** Simon Fraser University Faculty of Environment

***Community Collaborators:*** Planning Institute of B.C., Council of Canadians, 350.org, Sierra Club BC, Leadnow, Climate Action Network

***Alexander, Don and Bronwyn Wydeman. "The Intersection and Divergence of New Urbanism and Environmental Psychology: An Exploration." Frontiers in Built Environment, 6:61. (2020)***

***Academic Collaborators:*** Bronwyn Wydeman

***Community Collaborators:*** Stanley King, consulted for the publication.

***Alexander, Don. "Remembering the work of our elders: Ray Spaxman." Planning West 61, no. 3 (Summer 2019): 26-27.***

***Community Collaborators:*** Ray Spaxman, former director of planning for the City of Vancouver

### **Graduate Student Thesis Supervision**

***"Public Libraries and Community Planning: Studying the Relationship between Social Infrastructure and Quality of Life"***

***Academic Collaborators:*** Ben Hyman, University Librarian at VIU, as second reader

***Community Collaborators:*** librarians and library users who were surveyed and consulted

## Conference

### *Livable Cities Forum*

**Academic Collaborators:** Professors from numerous universities as presenters and participants

**Community Collaborators:** The City of Victoria, representatives of numerous municipalities, as well as the province of BC

## Workshops

**Eco-City World Summit: participated in several sessions, and heard keynote speaker, Paul Hawken**

**Academic Collaborators:** Dr. Jennie Moore, Director, Institute of Sustainability, British Columbia Institute of Technology (BCIT)

**Community Collaborators:** City of Vancouver, and planning and design consultants numerous representatives of municipalities, including the City of Vancouver

**Lunch and Learn Session: "Sustainability: It's What We Do," featuring as speakers Matt Bowes, Marti Harder and Mary Anne Maloney, Lindsay McCunn, Sandra Johnstone, and Wendy Simms.**

**Collaborators:** Matt Bowes, Marti Harder and Mary Anne Maloney, Lindsay McCunn, Sandra Johnstone, and Wendy Simms.

## Mark Holland

### Book

**Urban Magnets: How activity subcultures can be a catalyst for rejuvenating cities. Urban Magnets Press: Vancouver, 2020**

## Master of Community Planning Thesis Projects

| <b>Student</b>     | <b>Title</b>  | <b>Supervisor</b> |
|--------------------|---|-------------------|
| Sev Alizadeh-Ebadi | <i>Hearthless: A Philosophical Framework for the Politically Active Town Square</i>   | Sylvie Lafrenière |
| Ericka Amador      | <i>Microtransit in Microcommunities: A Community Bus Feasibility Study for Quadra Island Using Success Indicators from the Gulf Islands</i> | Karin Albert      |
| Chelsey Andrews    | <i>Are Canadian Communities Planning for Children's Right to Play?</i>  | Pam Shaw          |
| Cody Bator         | <i>Investigating Individuals' Perceptions of Vehicle Travel Cost in Burnaby, British Columbia</i>   | Miko Betanzo      |
| Stephen Baugh      | <i>Is the Parish Perishing? Mixed-Use Church Redevelopments</i>   | Sylvie Lafrenière |
| Indira Cowkur      | <i>Accessory Dwelling Units: Analyzing City of Nanaimo's Design Guidelines</i>  | Jessie Hemphill   |
| Liang (Cliff) Feng | <i>Suburbs Deserve Complete Street: A Safer Hammond Bay Road for Everyone</i>   | Pam Shaw          |
| Eleni Gibson       | <i>Cycling into the Future: Assessing attitudes towards e-bikes in a midsized, sprawled Canadian city</i>                                   | Lindsay Chase     |
| Seamus McConville  | <i>Shifting Away from Resource Based Economies: Tourism Development from a Planning Perspective on Vancouver Island</i>                     | Graham Sakaki     |
| Stephanie Pawluk   | <i>Loved to Death: Balancing Conservation and Visitor Use in Planning and Managing Western Canadian Destination Wilderness Parks</i>        | Karin Albert      |
| Alex Rowley        | <i>Winning with Sports Event Facilities and Sports and Entertainment Districts in Smaller Cities</i>  | Mark Holland      |
| Kelsea Shadlock    | <i>Understanding, Engaging and Forging Empathy in Planning</i>  | Kaeley Wiseman    |
| Steffi Sunny       | <i>Health Through Design – Redesign of a Parksville Neighbourhood</i>   | Graham Sakaki     |
| Dylan Thiessen     | <i>Public Libraries and Community Planning: Studying the Relationship between Social Infrastructure and Quality of Life</i>                 | Don Alexander     |
| Becky Thiessen     | <i>ARTicipation: Creating a Plan for a Community Art Centre in Nanaimo using a Participatory Planning Approach</i>                          | Mark Holland      |
| Margot Thomaidis   | <i>Listening in Nanaimo: Applying Acoustic Environment Data to Develop Soundscape Planning Recommendations for a Mid-size City</i>          | Lindsay McCunn    |

## Geography

Dr. Don Alexander

## Article

**McCunn, Lindsay, Alex Bjornson, and Don Alexander. "Teaching Sustainability Across Curricula: Understanding Faculty Perspectives at Vancouver Island University." Curriculum (December 2019).**

**Academic Collaborators:** Lindsay McCunn, Department of Psychology.

## Board/Committee Work

**VIU Sustainability Advisory Committee.**

Organizing on-campus activities; our committee organized the "Green Ideas" event and the annual Sustainability Fair. It also collaborated with the City of Nanaimo on Bike to Work Week. In my capacity as co-chair of the VIU Sustainability Advisory Committee, worked on helping to organize events and attempting to influence VIU policy on sustainability and the climate crisis. Also liaised with like-minded individuals at other institutions. Lobbied for a VIU Office of Sustainability with dedicated staff and its own independent budget.

**Academic Collaborators:** Lindsay McCunn (Psychology), Matthew Bowes (Geography, Global Studies), Robert Willis (Management), Lynda Phillips (Health and Human Services) and others.

**Guest lecture in VIU Science class**

Gave guest lecture, with Rabi Al-Hasan, on "The Challenges Facing African Women" in SCIE 350: Technologies for Developing Countries, taught by Ray Penner.

**Academic Collaborators:** Ray Penner and Rabi Al-Hasan.

## Production/Performance

**14th Annual Urban Issues Film Festival.**

Helped to organize the well-attended Film Festival on the theme of "Urbanization Around the World."

**Academic Collaborators:** students in Geography (Geographic Students' Union) and Master of Community Planning program (Master of Community Planning Students' Association).

## Dr. Alan Gilchrist

### Professional Service

**Member, Technical Advisory Committee**

Continued as a member of the Drinking Water and Watershed Protection (DWWP) Technical Advisory Committee for the Regional District of Nanaimo. This year the Committee worked to implement the Action Plan Update that was completed last year that reviewed the first 10 years of the DWWP.

**Community Collaborators:** Regional District of Nanaimo

## Research Project

### ***Water Budget for Vancouver Island***

The research created a numerical model to simulate the water cycle of widely dispersed watersheds on Vancouver Island that have different hydrological streamflow regimes driven by different patterns of rainfall and snow/snowmelt. The model is driven by the distributed precipitation and temperature across the watershed and proved to be quite effective at predicting the streamflow, which was compared to independent measures. It was better at predicting the streamflow of watersheds dominated by rainfall rather than snowmelt. In watersheds where it was successfully applied, including the Englishman River, it predicts that in the future snow accumulation will be less and stream runoff will be more polarized with higher streamflow in winter and lower in summer, driven by anticipated future patterns of precipitation and increasing temperatures due to global warming. This project was completed with funding provided by an Assisted Leave from VIU.

**Academic Collaborators:** Tim Sivak, MGISA student

## Research Project

### ***Wetland Mapping and Monitoring in the RDN***

In this region a prominent data gap exists in the hydrological information on wetlands, which has been part of an ongoing project with the Regional District of Nanaimo to map wetlands. This project is focused on establishing the level of connection by recharge between wetlands and their underlying aquifers. The project will seasonally monitor six wetlands and install instrumentation to determine the level of connection in three priority sites in the region.

**Community Collaborators:** Julie Pisani, Drinking Water and Watershed Protection Coordinator, Regional District of Nanaimo.

## Dr. Jeff Lewis

### Project

#### ***Awareness of Climate Change through Educational Research (ACER)***

A public outreach initiative led by an inter-disciplinary group of dedicated undergraduate students under the guidance of faculty at Vancouver Island University. Funding supports the development and delivery of hands-on activities, educational materials and an interactive presentation to over 20,000 students and members of the general public throughout coastal BC. In addition to reviewing the physical basis of climate change, the program introduces concepts of risk assessment and provides the starting point for discussions on technical, sociological and political solutions. The presentation and associated activities develop scientific and numerical literacy with an emphasis on Earth observation, data evaluation, visualization and critical thinking. This project directly engages Canada's youth in the process of scholarship, knowledge mobilization and social change. The ACER project has been supported by NSERC and SSHRC.

***Academic Collaborators:*** Dr. Erik Krogh, Professor, Chemistry, VIU

## Dr. Hannah Wilson

### Graduate Student Examiner

***Review Master's in GIS Applications (MGISA) student Mesha Sagram's research proposal titled "Detection of submerged aquatic vegetation to improve satellite-derived bathymetry in Canadian Arctic waters" Academic Collaborators: Dr. Paul Zandbergen, MGISA Supervisor, Vancouver Island University.***

***Community Collaborators:*** Dr. René Chénier, Manager of Chart Production, Canadian Hydrographic Service, Fisheries and Oceans Canada

### Invited Guest Speaker

***Guest Presentation to the Northwest Bay Probus Club, Nanoose Bay, BC titled "Weather Patterns of East Vancouver Island".***

## GIS Program

### Dr. Paul Zandbergen

#### Books

***Paul A. Zandbergen. 2020. Advanced Python Scripting for ArcGIS Pro. Esri Press, Redlands, CA. ISBN-13: 978-1589486188***

***Paul A. Zandbergen. 2020. Python Scripting for ArcGIS Pro. Esri Press, Redlands, CA. ISBN-13: 978-1589484993***

## Philosophy & Religious Studies

### Dr. Warren Heiti

#### Project

##### ***Philosophers' Café***

Received Gather Grant to support Philosophers' Café, an interdisciplinary collaboration between VIU's Dept of Philosophy and Vancouver Island Regional Library.

***Academic Collaborators:*** Dr Carolyn Swanson, Chair, Philosophy, VIU Dr Robert Pepper-Smith, Philosophy, VIU; Michael Caditz, Philosophy (an alumnus of VIU); John Anderson, Honorary Research Associate in Criminology, VIU Stephanie McKenzie, Psychology, VIU Joanne Falvai, Criminology, VIU

***Community Collaborators:*** Casey Stepaniuk, Customer Services Librarian, Adult Services, Vancouver Island Regional Library

## Political Studies

### Dr. Alexander Netherton

#### Editor

***Canadian Political Science Revue (CPSR)***



***The CPSR is published by the BCPSA but also supported by the Prairie and Atlantic Provinces Political Science Associations. It publishes two issues per year. It is part of the Public Knowledge Project OJS system.***

***Academic Collaborators:*** This is a peer reviewed journal with extensive participation. The Board is broadly represents Canada and abroad. The CPSR has benefitted from support by the University of Northern British Columbia, as well as Simon Fraser University.

## **Review**

***Review of The Campbell Revolution? Power, Politics and Policy in BC By J. R. Lacharite and Tracy Sommerville, editors BC Studies (Feb 4, 2019)***

## **Board/Committee**

***President, British Columbia Political Studies Association (BCSPA)***

The BCPSA is one of four regional political science associations in Canada. The BCPSA organizes and Annual General Meeting (conference) and hosts a number of blind reviewed essay and book competitions for students as well as established academics. It also is the publisher of a journal. I am finishing my second and last two year term. One VIU student, Stephen Taylo, won one of two Mike Meade Prizes for the best lower level Political Studies essay in BC.

***Academic Collaborators:*** The executive of the BCPSA is broadly based within BC

***Community Collaborators:*** The BCPSA holds its AGM at a different Post Secondary Institution each year, hence our institutional collaborators are province wide. All political scientists in BC are nominally members of the BCPSA

## **Community Engaged Scholarship**

***Principal Investigator mentoring student research with secondary school student participants to investigate youth political engagement.***

The projects were integral to an upper level Political Studies course, Canadian Political Culture and Elections.

***Community Collaborators:*** The research partnership was negotiated with Catherine Brazier, Principal of the Vancouver Island University International High school.

## **Conference Presentation**

***2019 Pipelines and Multilevel Governance, Presented to the British Columbia Political Studies Association Annual General Meeting, Langara College, Vancouver, BC, May 3, 2019.***

This paper is part of an ongoing investigation of the political economy of risk in infrastructure projects.

## Dr. Jocelyne Praud

### Book Chapters

***"Chapter 26 -- Conclusions: Re-Envisioning the Research and Teaching of Canadian Politics and Gender, Sexuality and Politics." In The Palgrave Handbook of Gender, Sexuality and Politics, ed. Joanna Everitt and Manon Tremblay. Palgrave Macmillan, forthcoming 2020.***

***"The Public Women of Canada: Women in Elected Office." In Working Women in Canada: An Intersectional Approach, ed. Leslie Nichols, Toronto: Canadian Scholars' Press/Women's Press, 2019 (with A. Lewis and J. Sicotte)***

## Dr. Mark Williams

### Article

***"The Role of the Faculty Advisor for a Model United Nations Conference: 5 Lessons Learned from Practice." in Journal of Political Science Education (2019) DOI: 10.1080/15512169.2019.1678481***

This was a peer-reviewed article on hosting Model United Nations conferences for university and high-school students.

### Conference Presentation

***"Faculty Advisor for a Model United Nations Conference: 8 Lessons Learned from Practice" at the Canadian Political Science Association Annual Conference University of British Columbia***

CPSA Conference Paper Based on Lessons Learned from Running Model United Nations Simulations at VIU

## Psychology

### Dr. Caroline Burnley

#### Honours Thesis Supervision

Co-supervised (with colleague Ruth Kirson) a Psychology honours student, Ashley Therrien, on her thesis, Investigating Resilience in University Students from Separated/Divorced Families.

Ashley successfully defended her honours thesis in April, 2020 and graduated with a BA (Hons) in Psychology in June, 2020.

**Academic Collaborators:** Ruth Kirson, Psychology Department; Stephanie McKenzie, Psychology Department; Debi Matheson, Psychology Department

## Professional Service

### **Resilience Research Lab**

The Resilience Research Lab continued with its research activities under the supervision of acting director, Stephanie McKenzie, this year. Psychology students, Ashley Therrien, Brianne Knowles, Jordyn Monaghan, Destiny Dendewicz and Anissa Jahromi worked together on a study of resilience in divorced/separated families. Lab activities also included review and discussion of the current resilience research literature, continuation of the creation of a compendium of resilience research measures, further development of interviewing skills, data analysis and planning for upcoming projects.

**Academic Collaborators:** Stephanie McKenzie, Psychology Dept, Vancouver Island University  
Ruth Kirson, Psyc Dept, Vancouver Island University

## Dr. Lindsay McCunn

### Articles

**Kim, A., Wang, S., McCunn, L. J., & Sadatsafavi, H. (2020). Impact of office modernization on environmental satisfaction: A naturalistic field study. *Frontiers in the Built Environment: Sustainable Design and Construction*, 1-14.**

DOI: [https://www.frontiersin.org/articles/10.3389/fbuil.2020.00058/full?utm\\_source=F-NTF&utm\\_medium=EMLX&utm\\_campaign=PRD\\_FEOPS\\_20170000\\_ARTICLE](https://www.frontiersin.org/articles/10.3389/fbuil.2020.00058/full?utm_source=F-NTF&utm_medium=EMLX&utm_campaign=PRD_FEOPS_20170000_ARTICLE)

**Community Collaborators:** University of Washington

**McCunn, L. J., & Frey, C. (2020). Impacts of large-scale interior murals on hospital employees: A pharmacy department case study. *Journal of Facilities Management*, 18, 53-70.**

DOI: <https://www.emerald.com/insight/content/doi/10.1108/JFM-10-2019-0053/full/html>

**Community Collaborators:** Island Health.

**McCunn, L. J., Vickerie, L., & Gagnon T. (2020). Evaluating a pop-up resource village in West Oakland: Making connections with sense of place and perceptions of safety. *International Journal of Community Well-being*, 3, 241-266.**

DOI: <https://doi.org/10.1007/s42413-019-00048-4>

**Community Collaborators:** Designing Justice+Designing Spaces

**Davis, R., McCunn, L. J., & Wilkerson, A., & Safranek, S. (2020). Nurses' satisfaction with patient room lighting conditions: A survey of nurses in four hospitals with differences in the environment of care. *Health Environments Research & Design Journal*, 1-15.**

DOI: <https://doi.org/10.1177/1937586719890940>

**Community Collaborators:** Pacific Northwest National Labs

**McCunn, L. J., Bjornson, A., & Alexander, D. (2019). Teaching sustainability across curricula: Understanding faculty perspectives at Vancouver Island University. *Curriculum Journal*, 31.**

DOI: <https://doi.org/10.1002/curj.16>

**Academic Collaborators:** Dr. Don Alexander

**McCunn, L. J., & Wright, J. (2019). Hospital employees' perceptions of circadian lighting: A pharmacy department case study. *Journal of Facilities Management*, 17, 422-437.**

DOI: <https://www.emerald.com/insight/content/doi/10.1108/JFM-04-2019-0016/full/html>

**Community Collaborators:** Island Health.

**Kim, A., Wang, S., & McCunn, L. J., Prozuments, A., Swanson, T., & Lokan, K. (2019). Commissioning the acoustical performance of an open office space following the latest healthy building standard: A case study. *Acoustics*, 1,473-492.**

DOI: <https://doi.org/10.3390/acoustics1030027>

**Community Collaborators:** University of Washington

## Interview

**Canadian Broadcasting Corporation (CBC), September, 2019 | Provided interview responses for the radio show 'The Calgary Eyeopener' with Paul Karchut on noise and city living (media clip available upon request)**

## **Board/Committee Work**

***Chair-ship/ Co-Chair of Vancouver Island University's Sustainability Advisory Committee***

***Academic Collaborators:*** Dr. Don Alexander

***Committee membership:*** *City of Nanaimo's Environment Committee*

***Community Collaborators:*** City of Nanaimo

***Member of the City of Nanaimo's Climate Resilience Working Group***

***Community Collaborators:*** *City of Nanaimo*

***Member of the Task Force on Climate Change for the Canadian Psychological Association***

## **Chapter**

***Ng, C. F., Gifford, R., Veitch, J., & McCunn, L. J. (2019). Environmental psychology. In M. E. Norris (Ed.), The Canadian Handbook for Careers in Psychological Science. Kingston, ON: eCampus Ontario. Licenced under CC BY NC 4.0,***

<https://ecampusontario.pressbooks.pub/psychologycareers/>

## **Interviews**

***Esquire.co.uk, 2020 | Provided interview responses for an article about working from home during the COVID-19 pandemic***

<https://www.esquire.com/uk/life/a32094105/work-from-home-office/>

***Winnipeg Free Press, 2020 | Provided interview responses for an article about empty urban spaces during the COVID-19 pandemic***

<https://www.winnipegfreepress.com/special/coronavirus/one-surreal-citybeyond-confusion-corner-570116532.html>

## **Invited talk**

***McCunn, L. J. (September, 2019). Panelist at the lunch and learn series 'Sustainability is What we do: Integrating Sustainability into Teaching at Vancouver Island University, Nanaimo, BC.***

## Podcasts

**Canadian Psychological Association, 2020 | Podcast titled: "Dr. Lindsay McCunn: Work environments, present and future" @ <https://soundcloud.com/user-389503679/work-environments-and-the-future/s-pO4Ft7Hxp7w>**

**PlanLED, 2020 | Podcast interview relating to environmental psychology, sense of place, and office design @ <https://vimeo.com/415961731>**

## Book review

**McCunn, L. J. (2019). Book review of "Urban Mental Health." D. Bhugra, A. Ventriglio, J. Castaldelli-Maia, & L. McCay (Eds.). *Cities & Health*, 4, 54.**

DOI: <https://www.tandfonline.com/doi/full/10.1080/23748834.2019.1687118>

## Leading editorial

**Grant, M., & McCunn, L. J. (2020). Leading editorial: Research for city practice. *Cities & Health*, 4, 2-12.**

DOI: <https://www.tandfonline.com/doi/full/10.1080/23748834.2020.1741922>

## Magazine article

**McCunn, L. J. (Spring, 2020). Urban planning in a technological era: Perspectives from environmental psychology. *Planning West Magazine*, 21-22.**

## Technical report

**McCunn, L. J., & Lewis, T. (2020). Programming a Sustainable and Culturally-sensitive Correctional Facility: Designing for Success from the Perspective of Staff. Pre-design research report prepared for BC Corrections and the Nanaimo Correctional Centre.**

**Community Collaborators:** Nanaimo Correctional Center

## Professional Service

**Chair of the environmental psychology section of the Canadian Psychological Association**

**Associate Editor for the Journal of Environmental Psychology**

**Guest Editor for a special issue of CPA's magazine Psynopsis on climate change**

**Commissioning and Associate Editor for *Cities & Health***

## Sociology

**Dr. Gillian Anderson**

### **Board/Committee Work**

***Member, Canadian Research for the Advancement of Women (CRIAW)***

Research and Action Committee Steward, Faculty of Social Sciences, Vancouver Island University  
Faculty Association (VIUFA)

### **Book Chapter**

***"Reproducing Precarity: Representations of Mompreneurship, Family and Work in a British Columbian Parenting Magazine"***

In *Mothering and Entrepreneurship: Global Intersectionalities and Complexities*  
Eds. Talia Esnard and Melanie Knight. Demeter Press, forthcoming November 2020  
An analysis of precarious work and family relations among women entrepreneurs.

***Academic Collaborators:*** Joey Moore, Faculty, Department of Sociology, Douglas College

### **Conference Presentations**

***"Models of Change to Build Belonging: Community Showcase CBAIR (Community Based Interdisciplinary Applied Research course) at VIU"***

Samuel Centre for Social Connectedness Global Symposium Reimagining Community in the 21st Century. October 27th-30th, 2019, Toronto, Ontario

***Academic Collaborators:*** Dr. Sylvie Lafreniere, Professor, Sociology, VIU

***Community Collaborators:*** Samuel Centre for Social Connectedness (SCSC)

***"Inclusive Education in Post Secondary Schools"***

Samuel Centre for Social Connectedness Global Symposium Reimagining Community in the 21st Century, October 27th-30th, 2019, Toronto, Ontario

***Academic Collaborators:*** Dr. Sylvie Lafreniere, Professor, Sociology, VIU

***Community Collaborators:*** Samuel Centre for Social Connectedness (SCSC)

## Post Doctoral Research Supervision

***Supervising Dr. Michael Lait's SSHRC/CMHC post-doctoral action research project on housing in the Cowichan Valley.***

Dr. Lait has partnered with the Cowichan Housing Association (CHA) to investigate the impact of counterurbanization on housing, housing needs and affordability in the Cowichan Valley. His project is titled, "Creating place-based housing policy in rural communities: An action research project in the Cowichan Valley."

## Chew On This!

***Chew On This! International Day for the Elimination of Poverty. Poverty Reduction Campaign at VIU October 17, 2019.***

***Academic Collaborators:*** VIU Sociology Student Association

***Community Collaborators:*** Canada Without Poverty; Lauren Robillard; Jaden Welsh

## Interview

***Interview with Jessica Barrett, The Tyee, on the sociology of home, affordable housing issues and Vancouverites decamping from Vancouver, BC***

## Research Project

***"The Burden of Care": Exploring the Gendered Impact(s) of COVID-19 on Mothers Caring Labour***

This exploratory, qualitative feminist research project is designed to identify the impacts of COVID-19 on mothers and changes to their unpaid labour experienced as a result of the pandemic.

***Academic Collaborators:*** Dr. Sylvie Lafreniere, Professor, Sociology, VIU; Dr. Whitney Wood, Canada Research Chair in the Historical Dimensions of Women's Health, VIU; Dr. Michael Lait

## Dr. Michael Lait

### Graduate Student External Examiner

***Dixon, Emily Marilyn. 2019. Planning for a Quality Life: A Theoretical Approach to Quality of Life Research in Community Planning. Vancouver Island University.***

External examiner for Emily Dixon's Master of Community Planning Thesis.





## *Faculty of Trades and Applied Technology*

### Professional Development and Training (Trades)

**Dr. Sally Vinden**

#### **Research Project**

##### ***An Exploration of British Columbia's Trades and Vocational Education and Training (TVET) Instructors' Perceptions that Influence their Curriculum Choices***

This study investigated TVET instructors' perceptions to gain a better understanding of their worldviews and how they give rise to cultures of curriculum, particularly those that inhabit postsecondary TVET in British Columbia (BC). A total of 37 TVET instructors from BC participated in this study. Collectively, the participants represented a total of 10 Red Seal trades. Joseph's (2000) conceptualization of curriculum as culture was used as the theoretical lens to investigate vocational instructors' general perceptions regarding a) their role as a teacher, b) their student characteristics, and c) the purpose and future needs of vocational education. Q factor analysis resulted in a four-factor solution, revealing the correlation of participants' shared curricular beliefs and values as four statistically distinct worldviews. The findings from this study have implications for future research and lend support to other curriculum studies in both mainstream education and TVET.

**Academic Collaborators:** Dr. Natalia Gajdamasschko, Simon Fraser University; Dr. Michelle Pidgeon, Simon Fraser University; Dr. Allan MacKinnon, Simon Fraser University

#### **Article**

##### ***Preparing Future Welders for the Fast Changing World of Work in the 21st Century in CWBgroup WELD Magazine***

Rapid advances in technology and globalization are bringing new tools, materials and techniques to many trades and professions. These changes in the nature of work have shifted learning outcomes for many trades programs and welding is no exception. Challenged to prepare apprentices for such an unpredictable array of skillsets in the future workplace, many instructors are inspired to look beyond their traditional teaching approaches. The goal was to enhance student engagement, and using that as a springboard, to deepen learners' levels of understanding and support their ability to adapt, innovate, and learn independently. The Welding team embarked on a Teaching and Learning enhancement project that spanned over two years, and would see a total of 136 students. The team worked diligently to re-design the existing program curriculum, including teaching and learning activities, sequencing, and assessment tools, while still meeting the needs of the Red Seal national standard.

**Academic Collaborators:** David Drury, Welding, VIU Mike Hallam, Welding, VIU  
Michelle.chan@cwbgroupp.org

## *Provost and Vice-President Academic*

### Centre for Innovation and Excellence in Learning

**Dr. Kathleen Bortolin**

#### **Other Publications**

**Bortolin, K. (2020). A pedagogical manifesto for the upcoming academic year. University Affairs. August 3, 2020. <https://www.universityaffairs.ca/opinion/in-my-opinion/a-pedagogical-manifesto-for-the-upcoming-academic-year/>**

**Bortolin, K. ( May, 2020). How teaching and learning centres saved higher education during Covid 19. <https://www.drbortolin.com/post/how-teaching-and-learning-centres-saved-higher-ed-during-covid-19>**

**Bortolin, K. (2019) I matter here. Maybe. University Affairs. August 2019. Published essay in University Affairs (August, 2019) about being more intentional and transparent in promoting and celebrating empathy, inclusivity and kindness on our campuses. See: <https://www.universityaffairs.ca/opinion/in-my-opinion/i-matter-here-maybe/>**

#### **Project**

##### **Global Engagement Grant to Support Kisii National Polytechnic (KNP) Develop a Teaching and Learning Centre**

In February 2020, I travelled to Kisii, Kenya to support the development of a teaching and learning centre (TLC) at Kisii National Polytechnic, a partner institution supported through the KEFEP program. I received a Global Engagement Grant to create and deliver a training program to support the project team. The training schedule and content was developed prior to my departure from VIU in consultation with KNP stakeholders, VIU colleagues involved in the KEFEP project, and my own ideas. Ultimately, the training involved a mix of pedagogical sessions related to course design and engagement in the classroom, and strategic planning sessions to help support the emerging centre. In total, I spent 18 days in Kenya, and look forward to a continued collaboration with this team of educational developers at KNP.

**Academic Collaborators:** Darrell Harvey, Faculty of International Education, VIU; John Gekonde, Deputy Head of Department, Teaching and Learning Centre, Kisii National Polytechnic

#### **Reviewer**

## ***Journal of Community Engagement and Higher Education***

I serve as a peer-review for the Journal of Community Engagement and Higher Education

***Academic Collaborators:*** Dr. Catherine Paterson, Editor, *Journal of Community Engagement and Higher Education* (India State University)

## Library Administration

### Dana McFarland

#### **Board/Committee Work**

##### ***BC Libraries Cooperative, Board of Directors & Chair***

This national cooperative provides libraries and related organizations with services, infrastructure, cost savings, and support they need to work on behalf of Canadian communities.

##### ***Canadian Web Archiving Coalition (CWAC)***

The Canadian Web Archiving Coalition (CWAC) is an inclusive community of practice within Canadian libraries, archives, and other memory institutions engaged or otherwise interested in web archiving. The Coalition's mission is to identify gaps and opportunities that could be addressed by nationally coordinated strategies, actions, and services, including collaborative collection development, training, infrastructure development, and support for practitioners and researchers.

##### ***Canadian Web Archiving Coalition (CWAC), Coordinating Committee***

The Canadian Web Archiving Coalition (CWAC) is an inclusive community of practice within Canadian libraries, archives, and other memory institutions engaged or otherwise interested in web archiving. The Coalition's mission is to identify gaps and opportunities that could be addressed by nationally coordinated strategies, actions, and services, including collaborative collection development, training, infrastructure development, and support for practitioners and researchers.

##### ***CLOCKSS North American Advisory Council***

The Council advises the CLOCKSS Board of Directors on matters relating to policies and practice of digital preservation and archiving.

##### ***CRKN Preservation & Access Committee, Vice Chair***

Reporting to the CRKN Board of Directors, the Preservation and Access Committee (PAC) assists the Board by reviewing and making recommendations regarding the development and management of the Canadiana and Trustworthy Digital Repository (TDR) platform and associated services and capabilities.

***DigitalBC (BC Digital Library Initiative)***

Multi-year project, guided by an over-arching vision of access to the intellectual, historical and cultural record of the Province for the people of BC. The intent is to provide access to materials that may enrich the intellectual and leisure life of a citizen, showcase the contributions of individuals, organizations and government, and contribute to the economic well-being of the province.

***Open Repositories Working Group (ORWG)***

This working group, assembled by the CARL (Canadian Association of Research Libraries) Advancing Research Committee, works in collaboration with the Canadian repository community to define a strategic vision for repositories as well as helping to move the community forward with respect to shared goals and objectives. This group includes representation from both those managing repositories and communicating with researchers as well as library directors who guide and shape organizational priorities.

***Search Committee, Librarian & Coordinator, Copyright & Open Licensing Member***

***VIU OER Working Group***

***Contributor to VIU working group on Open Education.***

***VIU Faculty Association Stewards Committee***

***Steward***

***Board/Committee Work VIUFA Leave Committee Member***

**Conference Presentations**

***"The Community Scholars Program: Building Capacity by Making Paywalled Research More Accessible" at the BCLA Summer Conference: The Conversation Continues, online, May 25, 2020.***

The Community Scholars Program offers access to paywalled academic content from participating publishers to staff at BC-based community organizations together with librarian support. Community Scholars use these publications and services to develop programs and to support funding applications, for advocacy and policy-making, organization management, and

personal and professional development. In this session we reflect on the potential of the Program to support organizations that build capacity in our society, economy, and democracy. We explore how this occurs through access to paywalled academic content, communities of practice, and expert advice and services related to scholarly information.

**Academic Collaborators:** Kate Shuttleworth, SFU; Kealin McCabe, UNBC; Shane Neifer, TRU

***"Community Scholars Program: One Example of Scholarly Communication Work in Public Scholarship"***

At the COPPUL (Council of Prairie & Pacific University Libraries) Scholarly Communication Working Group SkillShare Event, online, April 30, 2020

**Community Collaborators:** Kate Shuttleworth, SFU Kealin McCabe, UNBC  
Shane Neifer, TRU

***"The Community Scholars Program: Paywalled Literature & Academic Library Services for Organizations that Support Healthy Communities"***

6th Annual Vancouver Island Library Staff Conference: Healthy Communities: Promoting Wellness & Well-being, May 1, 2020 [cancelled; 2021 date TBD]

**Academic Collaborators:** Kate Shuttleworth, SFU and Shane Neifer, TRU

## **Wikipedia contributions**

***Cowichan Leader*** [https://en.wikipedia.org/wiki/Cowichan\\_Leader](https://en.wikipedia.org/wiki/Cowichan_Leader)

***Beryl Mildred Cryer*** [https://en.wikipedia.org/wiki/Beryl\\_Mildred\\_Cryer](https://en.wikipedia.org/wiki/Beryl_Mildred_Cryer)

***Wikidata contributions:***

<https://www.wikidata.org/wiki/Special:Contributions/McFarlandDana>

## **Other Publication**

***Open Access Week 2019: Reflections on Open Access, OER, and Community of Practice***

During the busy term time when Open Access Week falls, we may find little space to reflect. However, our experiences and practice every day reveal gaps where the resources needed for education and scholarship are not 'open for' those we work with and for. How might those experiences change us, and what changes will we be moved to make toward building a more equitable future?

## Professional Service

*Peer reviewer Canadian Journal of Academic Librarianship*

*Session co-convenor for: Web Archiving Community of Practice*

## Workshop

*Seventh Annual Code4Lib BC: Library Technology Unconference, North Vancouver, 2019  
November 28 & 29*

## Kathleen Reed

### Journal article

*"Talking Back: Trans Youth and Resilience in Action." Journal of LGBT Youth, (2020).  
<https://doi.org/10.1080/19361653.2020.1758275>.*

**Academic Collaborators:** Dr. Ann Travers, Professor, Department of Sociology and Anthropology, Simon Fraser University; Dr. Jennifer Marchbank, Professor, Department of Gender, Sexuality, and Women's Studies, Simon Fraser University; Nadine Boulay, Doctoral Candidate, Department of Gender, Sexuality, and Women's Studies, Simon Fraser University; Dr. Sharalyn Jordan, Associate Professor, Faculty of Education, Simon Fraser University

### Other Activity

*Grant/Scholarship: SSHRC Doctoral Fellowship at SFU - 2020-2024*

## Scholarship, Research, and Creative Activity

### Dr. Nicole Vaugeois

#### Board/Committee Work

##### ***Director of the Board of Destination BC Corp.***

Served the second year of a first term for BC's Crown Corp whose mandate is to market the province to the world. Chair of the Governance Committee.

***Community Collaborators:*** Destination BC Corp.

##### ***Member of the Advisory Committee for the BC Rural Centre***

Served a second year for this centre whose mandate is to help rural communities in BC succeed by filling information gaps and mobilizing knowledge and networking opportunities.

***Community Collaborators:*** BC Rural Centre

#### Book

***Innovative and promising practices in sustainable tourism Eds Nicole Vaugeois, Miles Phillips, Doug Arbogast, Patrick Brouder. Volume 1:2019 VIU Publications.***

***<https://viurrspace.ca/handle/10613/16372>***

The first volume of international case studies that highlight innovative and promising practices in sustainable tourism. This was launched at the Sustainable Tourism and Outdoor Recreation Conference in Astoria Oregon and is a collaboration with the World Leisure Center of Excellence at VIU and the National Extension Tourism group in the USA.

***Academic Collaborators:*** Miles Phillips, Oregon State University; Doug Arbogast, West Virginia University; Patrick Brouder, Vancouver Island University

#### Chapter

***Enhanced performance and visitor satisfaction in artisan businesses: A case study of the evaluation of the ÉCONOMUSÉE® model in British Columbia***

J. Predyk and N. Vaugeois (2019). In Innovative and Promising Practices in Sustainable Tourism. VIU Publications <https://viurrspace.ca/handle/10613/16584>

***Academic Collaborators:*** J. Predyk, Vancouver Island University



## Chapter

***Unpacking the impact of social relationships on the leisure mobility of millennials. Lan Le Diem Tran, Nicole Vaugeois and Vincent Kaufmann. Chapter in Leisure Communities, Routledge Critical Leisure Studies Series (2020: 48-57).***

This chapter mobilizes knowledge from a MA Sustainable Leisure Management student Lan Le Diem Tran who investigated the mobility patterns of millennials in Nanaimo.

***Academic Collaborators:*** Vincent Kauffman, École Polytechnique Fédérale de Lausanne - LaSUR

***Community Collaborators:*** City of Nanaimo

## Conference Presentations

***Enabling sustainable rural tourism development through customized policy supports. Presentation at the Sustainable Tourism and Outdoor Recreation Conference in Astoria, Oregon on October 8-11, 2019.***

This presentation synthesized research on sustainable tourism over the past couple of decades and highlighted the need for customized policies and programs to support communities at different levels of tourism development.

***Future of Tourism Education: Regenerative Tourism***

Panel presenter at the Impact Sustainable Travel and Tourism Conference held in Victoria, Jan. 19-22, 2020. Planting the seeds of change: pollinating regenerative tourism through education.

## Other Publication

***Exposure-investment-return continuum in agri-tourism. Peer reviewed abstract in the 2019 Travel and Tourism Research Association Canada Chapter conference proceedings.***

***[https://scholarworks.umass.edu/ttracanada\\_2019\\_conference/13/](https://scholarworks.umass.edu/ttracanada_2019_conference/13/)***

Farm diversification through agri-tourism requires that farmers understand and make complex decisions about the extent of exposure to tourism that they want their farm operation to have and the potential return on investment. To date, the academic literature has provided limited assistance to aid in navigating these decisions. While studies have reported that investments in agri-tourism are correlated to increased revenue potential there is limited evidence of differentiated returns depending on the type of exposure that a farm provides to visitors. This paper introduces an exposure-investment continuum that will allow for future testing by researchers to determine the trade-offs in agri-tourism development.

## Research Project

***The art of small city transformation and exploring a role for socially engaged public art institutes as leaders with municipal cultural sustainability agenda.***

Mitacs Postdoctoral Fellowship Accelerate Grant - Dr. Sharon Karsten in partnership with the Comox Valley Art Gallery. During this three-year post-doctoral fellowship, Dr. Karsten will explore what strategies are being used in public art institutes across Canada to create positive change on a range of social issues.

***Community Collaborators:*** Comox Valley Art Gallery

## Workshop

***Farm diversification through agri-tourism***

Delivered three workshops to farmers in Revelstoke, Invermere and Creston on how to diversify farm revenue through agri-tourism from February 26-27, 2020. These workshops were based on the manual written for the Ministry of Agriculture in 2018. The workshops were organized by the Kootenay and Boundary Farm Advisors and funded by the Canadian Agricultural Partnership.

***Community Collaborators:*** Kootenay and Boundary Farm Advisors

## Student Affairs Gymnasium/Student Activities

### Matt Kellow

#### Board/Committee Work

***Board Member for the Sea Kayak Guides Alliance of BC***

Current board member of the Sea Kayak Guides Alliance of BC (SKGABC) for this past year. The SKGABC is a non profit society that upholds high standards for professional sea kayak guides and operators in BC, across Canada, and in other countries. Through ongoing professional development and certification the SKGABC strives to ensure safe practices on an industry wide basis.

***Nanaimo River Watershed Round Table***

I have been an active committee member with the Nanaimo River Watershed Round Table since 2014. The Nanaimo River Watershed Round Table was formed in 2012 and developed terms of reference for a consensus-based watershed group. The committee is made up of interested individuals, organizations, community groups, local government agencies, federal government agencies, First Nations, industry, property owners, and post-secondary.

A key benefit of the committee is the ability to foster and facilitate multi-stakeholder communications. This leads to the sharing of information, supporting each other's initiatives, and at time joint projects.

## **Workshop**

### ***Misadventures and Lessons Learned in Commercial Sea Kayak Guiding***

This was a virtual workshop where commercial sea kayak guides talked about their personal misadventures and we discussed common themes and decision making when faced with challenging situations.

***Community Collaborators:*** Sea Kayak Guides Alliance of BC (SKGABC)



We acknowledge and thank the Snuneymuxw, Quw'utsun, Tla'amin, Snaw-naw-as and the Qualicum peoples for allowing us to share educational experiences on the traditional territories of these nations.

We would also like to acknowledge and pay respect to the three language groups on Vancouver Island: Coast Salish, Nuu-chah-nulth and Kwakwaka'wakw, and their respective communities as well as Métis Nations and Indigenous organizations on Vancouver Island.

Vancouver Island University is a comprehensive post-secondary institution located on beautiful Vancouver Island in British Columbia.

Our main campus is located in Nanaimo, and we have regional campuses in Duncan and Powell River and a campus centre in Parksville.

More than 14,000 full-time and part-time students are enrolled in academic, applied, career/technical, vocational, trades, and developmental programs leading to certificates, diplomas and degrees.

Vancouver Island University  
900 Fifth Street, Nanaimo, BC V9R 5S5

250.753.3245

[viu.ca](http://viu.ca)