

TRU Sustainability Research Inventory

Sustainability research is research that leads toward solutions that simultaneously support social wellbeing, economic prosperity, and ecological health. It includes academic research that:

- Explicitly addresses sustainability and/or furthers our understanding of the interconnectedness of social, economic and environmental issues;
- Contributes directly toward solving one or more major sustainability challenge (e.g. contributes toward achieving principles outlined in the Earth Charter); and/or
- Engages community members with the aim of combining knowledge and action to achieve positive social, economic and environmental outcomes (e.g. participatory and community-based research and engaged scholarship)

The following inventory includes names of TRU faculty members who have engaged in sustainability research in the last three years (2014 to 2017). Some faculty members may be missing due to the difficulty at times of tracking down whether or not they engaged in sustainability research. In the column 'Type of Research' is either one specific research publication or presentation they have written or made, or the general type of research they are interested in. Some faculty members have been involved in more than one publication or presentation, but for the purposes of this inventory, each faculty member is only listed once.

Researcher	Faculty / Department	Type of Research or Publication/Presentation
Dr. Kellee Caton	Faculty of Adventure, Culinary Arts and Tourism Department of Tourism Management	Moral philosophy for tourism and leisure, humanism, the role of tourism in ideological production, lived experience and personal development, consumer culture, epistemological and pedagogical issues in tourism studies.
Billy Collins	Faculty of Adventure, Culinary Arts and Tourism Department of Tourism Management	Wallin, M. R., Collins, B., & Hull, J. (2013) It's Not Just About the Film: Festivals, Sustainability & Small Cities in Events, Society and Sustainability: Critical and Contemporary Perspectives. Routledge, New York. (Ed. Thomas Pernecky and Michael Luck). Collins, B. (2015) National Park. In Cater, C., Garrod, B. and Low, T. (eds.) The Encyclopedia of Sustainable Tourism. CABI, Oxford. pp 343-344.

Dr. Rob Hood	Faculty of Adventure, Culinary Arts and Tourism Department of Tourism Management	Research Interests: Rural tourism development; Community development and tourism; Outdoor recreation and tourism management; Survey research
Dr. John S. Hull	Faculty of Adventure, Culinary Arts and Tourism Department of Tourism Management	<p>Hull, J. and Sassenburg, U. (2012) Creating new cultural visitor experiences on islands: comparative case studies from Canada and Croatia. <i>Journal of Tourism Consumption and Place</i> Vol. 4. (1) pp. 91-110.</p> <p>Hull, J.S. & Richins, H. (2016) Mountain tourism: implications and sustainable tourism. In H. Richins & J.S. Hull (eds) <i>Mountain tourism</i>. (pp. 363-70). CABI: Oxfordshire, UK.</p>
Sharman Learie	Faculty of Adventure, Culinary Arts and Tourism Department of Adventure Programs	Research interests focus on watershed and environmental conservation through participation in paddle sports to promote a stewardship connection with the natural world. Also interested in coastal risk assessments and surf tourism.
Dr. Courtney Mason	Faculty of Adventure, Culinary Arts and Tourism Department of Tourism Management	<p>Pate Neumann and Courtney W. Mason. <i>Managing Conflict Among Recreational Trail Users: A Sustainability Study of Cross-Country Skiers and Fat Bikers</i>. Leisure/Loisir (Submitted, November 2017).</p> <p>Kelsey L. Boule and Courtney W. Mason. Ethical Issues in Sport Hunting and Tourism Economies: Stereotypes, Sustainability and Inclusion in British Columbia's Hunting Industries. <i>International Journal of Environmental Studies</i> (Forthcoming, 2018).</p> <p>Josephine Howitt and Courtney W. Mason. Ecotourism, Environmental Practices and Sustainability in Rural Costa Rica. <i>Journal of Rural and Community Development</i> 13, 1 2018.</p>
Sarah Osberg	Faculty of Adventure, Culinary Arts and Tourism Department of Adventure Programs	Working with groups to create a connection to and understanding of our natural environment.

Terry Paleschuk	Faculty of Adventure, Culinary Arts and Tourism Department of Adventure Studies	Areas of interest are wilderness travel, canoeing, ski touring and avalanche education.
Robin Reid	Faculty of Adventure, Culinary Arts and Tourism Department of Tourism Management	Research interests include urban agriculture and sustainability, community gardens and the arts, gentrification, sense of place and travel in small cities.

Harold Richins	Faculty of Adventure, Culinary Arts and Tourism Faculty of Tourism Management	Richins, H., Hall, J., and Scherf, K. Mountain Tourism Experiences, Communities, Environments and Sustainable Futures. 2016. Cabi Publishers.
Dr. Lisa Cooke	Faculty of Arts Department of Sociology & Anthropology	Cooke, L. 2013. Slowing Things Down: Slow Tourism and the Ethics of Slowness, a review of Slow Tourism: Experiences and Mobilities (Bristol, Buffalo, and Toronto: Channel View Publications, 2012), Fullagar, S., K. Markwell, and E. Wilson (eds). Transfers: Interdisciplinary Journal of Mobility Studies. 3(2): 136-157.
Ron McGivern	Faculty of Arts Department of Sociology & Anthropology	Policy analysis (medical and environmental); Applied Sociology; Survey Methods; Sociology of adult and higher education; Deviance and Social Control.

Dr. Neal A. Smithwick	Faculty of Arts Faculty of Sociology & Anthropology	Inequality; Work and Occupations: Sociology of Education. Race and Ethnic Relations. Gender Relations. Class Relations. Sociology of Work (Division of Labour) and Professions. Globalization and Internationalization. Political Economy, Knowledge Economy. Qualitative Methodology.
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		Expression, and Environmental Pressures, Electromagnetic Effects on Cortical and other Cell Function, Hyperbaric Environments, Climate and pyrolization processes.
Dr. Catherine Ortner	Faculty of Arts Department of Psychology	Emotion regulation, interplay between emotion and cognition, mindfulness, benefits of exposure to natural environments for psychological functioning
Dr. Kelvin J. "Kelly" Booth	Faculty of Arts Department of Philosophy, History and Politics	"Bioregionalism and Pragmatism." In Pragmatism and Environmentalism, Hugh P. MacDonald, editor. Rodopi, 2012. Articulating aspects of a philosophy of nature that is able to encompass the broadest concerns of human meaning and value
Dr. Robert Hanlon	Faculty of Arts Department of Philosophy, History and Politics	My primary research explores the links between corruption and human rights abuse in developing states. I'm interested in the political dynamics of corporate social responsibility (CSR) and how multinational business actors behave in emerging economies. My regional area of focus is Asia with a specialization in Greater China and Mainland Southeast Asia (MSEA)
Dr. Terry Kading	Faculty of Arts Department of Philosophy, History and Politics	Kading, Terry (forthcoming) "The Corporation" and the Politics of Small City Development: Debates at the Local Level (Kamloops, B.C.) (Textual Studies In Canada: Canada's Journal of Cultural Literacy). Research interests include Trade, Investment, and Development issues in Latin America, as well as CURA-supported research on Small Cities and Social Planning with Dr. Chris Walmsley.
Jeff McLaughlin	Faculty of Arts Department of Philosophy, History and Politics	Critical Thinking, Cyberphilosophy, Environmental Ethics, Medical Ethics, Global Business Ethics, Computer History, Bentham and Mill, Ethics and the Holocaust, Contemporary Moral Issues
Dr. Darryl Carlyle-Moses	Faculty of Arts Department of Geography and Environmental Studies	Forest and Agricultural Hydrology and Meteorology. Soil-Vegetation-Atmosphere Interactions.

		<p>Spatial and Temporal Scaling Issues in Hydrology. Selected Publications:</p> <p>[1] Carlyle-Moses DE, Lishman CE* and McKee AJ* (2014). A preliminary evaluation of throughfall sampling techniques in a mature coniferous forest. Journal of Forestry Research (in press).</p>
Dr. David Hill	Faculty of Arts Department of Geography	<p>Real-time modeling of large-scale environmental systems Sustainability and adaption to climate change Adaptive management of water resources systems; Real-time data assimilation and fusion; Data mining and machine learning; Remote and embedded sensing of environmental systems</p> <p>Hill, D.J., B. Kerkez, A. Rasekh, A. Ostfeld, B. Minsker, and M.K. Banks (2014). Sensing and Cyberinfrastructure for Smarter Water Management: The Promise and Challenge of Ubiquity. Journal of Water Resources Planning and Management, 140(7): 01814002. doi: 10.1061/(ASCE)WR.1943-5452.0000449</p> <p>Hill, D.J. and Minsker, B.S. (2010). Anomaly detection in streaming environmental sensor data: A data-driven modeling approach. Environmental Modelling and Software, 25(9): 1014-1022. doi:10.1016/j.envsoft.2009.08.010</p> <p>Hill, D.J., B.S. Minsker, and E. Amir (2009). Real-time Bayesian anomaly detection in streaming environmental data. Water Resources Research, 45: W00D28. doi:10.1029/2008WR006956</p>
Crystal Huscroft	Faculty of Arts Department of Geography	<p>Glacial history reconstructions Surficial geology mapping Climate change and permafrost-related landslide processes Volcanic stratigraphy Terrain mapping in permafrost terrain.</p> <p>Augmented reality field trips, story maps, problem-based learning, field learning, teaching note-taking skills and field journals.</p>
Michael Mehta	Faculty of Arts Department of Geography	Risk; renewable energy; emerging technologies; marine ecosystems; air quality

Kim Naqvi	Faculty of Arts Department of Geography	2014 (in review) Reid, R., Naqvi, K., Waldichuk, T. Place-based Curriculum: Revealing Student Connections with Community through Walking Tours, <i>Western Geography</i> . 2007 K.B. Naqvi Exploring the Wellbeing Index as a Measure of Development Diversity, <i>Canadian Journal of Development Geography</i> , Vol. XXVIII, (2): 315-331.
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		<p>Development Theory and Practice Technology Change and Industrial Employment Economic and Cultural Change</p>
Dr. Gilles Viaud	Faculty of Arts Department of Geography	<p>Viaud, G. (Forthcoming) The invisible cities: small cities, quality of life and Canada's urban policy priorities. In Garrett-Petts, W.F. editor: The Small Cities Book II. Vancouver, New Star Books</p> <p>Aging in Kamloops Quality of Life in Small cities Social geography of small cities Social structure of urban residential areas Urban residential changes in Canada</p>
Tom Waldichuk	Faculty of Arts Department of Geography	<p>Waldichuk, T. 2010. Tabayashi, Akira, Kikuchi, Toshio, Matsui, Keisuke, eds.: Nihon noughyou no iji noughyou no iji shisutemu (The sustainability of Japanese agricultural systems). Geographical review of Japan, Series B, 82 (2), 209-210.</p> <p>Japan Rural-urban fringe field trips</p>
Shawn Thompson	Faculty of Arts Department of Journalism, Communication and New Media	<p>Long-standing interest in ethical issues, particularly in journalism and mass media, in the incarceration of people and wildlife, and in great apes and wildlife.</p>

Dr. Will Garrett-Petts	Faculty of Arts Department of English	Small Cities Research, Cultural Mapping, Community-Engaged Research, Rhetoric and Composition, Interarts Studies and Visual Culture, Canadian Literature and the Other Arts,
Dr. S. Leigh Matthews	Faculty of Arts Department of English	Representations of Place and the Natural Environment in Western Canadian Literature (Prairies and British Columbia); Self and Socialization in Women's Literature (both fictional and life-writing); Canadian Literature (esp. pre-1950); Children's and Young Adult Literature
Ginny Ratsoy	Faculty of Arts Department of English	Indigenous Theatre British Columbia Drama Experiential Learning and Alternative Pedagogies Ecocriticism and Place Studies Small Mid-Sized Cities
Doug Buis	Faculty of Arts Department of Visual & Performing Arts	In his work he investigates our malleable perception of landscape and environment through a series of different media and strategies including sculpture, video, kinetic art, installation, other time-based media, photography and some writing
Ernie Kroeger	Faculty of Arts Department of Visual & Performing Arts	Over the last several years he has been investigating the relationship between art and walking. These experiments have broadened his art practice to include conference presentations, leading the 2007 Banff Centre residency Walking + Art, co-founding the Walking Lab, an interdisciplinary research group at Thompson Rivers University, and leading guided walks.
Donald Lawrence	Faculty of Arts Department of Visual & Performing Arts	Through gallery and landscape-based projects his own artistic and other related research practice explores the meeting place of urban and wilderness culture. Such projects as Kayak/Camera-Obscura and the Underwater Pinhole Photography Project relate his particular interests in sea kayaking and the ocean environment to a long-standing fascination with pre-photographic optical apparatuses.

Connie Alger	Department of Early Childhood Education Programs	Student support and culturally relevant education, particularly for Aboriginal students.
R. A. Androkovich	School of Business and Economics	(2013). British Columbia's agricultural land reserve: Economic, legal and political issues. <i>Land Use Policy</i> , 30(1), 365-372.
Dr. Salvador Barragan	School of Business and Economics	Gonzalez, S.; Erogul, M. & Barragan, S. (2017). Benchmarking Corporate Social Responsibility against Principles for Responsible Management Education in Mexico and Canada. <i>Int. J. Management in Education</i> , 11(3), 330-346. Gonzalez, S.; Erogul, M. & Barragan, S. (2016). Similarities and differences in teaching corporate social responsibility: Evidence from Mexico and Canada. <i>Journal on Efficiency and Responsibility in Education and Science</i> , 9(3), 70-80.
Dr. Paul Clark	School of Business and Economics	My interest including organizational strategy and marketing. In the area of strategy, I am particularly interested in organizational transitions to a sustainable (triple bottom line) orientation. In the area of marketing my interests include: consumer and business to business markets, branding, product placement, and word of mouth communications, China, and Sustainability
Dr. Russell Currie	School of Business and Economics	Currie, R. R., Wesley, F., & Pandher, G. S. (2014). Contextualizing site factors for feasibility analysis. <i>Journal of Environmental Planning and Management</i> , 57(10), 1484-1493.
Hasnat Dewan	School of Business and Economics Department of Economics	(2013). A set of sustainability indicators related to high-priority policy issues. <i>The International Journal of Sustainability Policy & Practice</i> , 8(1), 145-156. Banking Crisis Sustainable Development Human Development Environmental and Natural Resource Economics

		<p>Urban and Regional Economics Poverty and Inequality</p>
Dr Andrew Fergus	School of Business and Economics	<p>Creativity and Innovation Human Centered Design Leadership Development Ethical Decision Making Change Management Sustainable Development and Corporate Responsibility</p> <p>In general my research examines the dynamic relationships found at the interface of organizations, society, and the natural environment. The central focus of my research is toward understanding theory and behavior of leaders and organizations operating with complex issues such as Design & Innovation, Change, Sustainable Development & Corporate Social Responsibility, Values, and Ethics.</p>
Jim Gaisford	School of Business and Economics	<p>International Trade Theory and Policy: trade liberalization and wage inequality; trade and the environment; labour and environmental standards, anti-dumping and countervailing duties; safeguard (anti-surge) measures; trade sanctions; trade patterns and the factor content of trade; international economic espionage.</p> <p>International Trade and Economic Development: foreign aid; international inequality and economic development; trade, product cycles and learning by doing; trade-related aspects of intellectual property.</p> <p>Agricultural Trade and Related Issues: agricultural trade and the WTO; biotechnology, European Union expansion and the Common Agricultural Policy, agriculture in transition economies.</p>
Dr. Avninder Gill	School of Business and Economics	<p>Sustainable supply chain and operations Product and project costing</p>
Adina Gray	School of Business and Economics	<p>Fergus, A. H. T. and Gray, A. (2014), Fair Trade Awareness and Engagement: A Coffee Farmer's Perspective. Business and Society Review, 119: 359384. doi: 10.1111/basr.12037</p>

Dr. Belayet Hossain	School of Business and Economics	Hossain, B., & Lamb, L. (2014). (accepted). An assessment of the impact of tax incentives relative to socio-economic characteristics on charitable giving in Canada. <i>International Review of Applied Economics</i> . Hossain, B. and L. Lamb (2018) Economic Well-being of Aboriginal Peoples in Canada. (Chapter 13) in <i>Routledge Handbook of Indigenous Wellbeing</i> , edited by Manning, M. and C. Fleming, Routledge. https://www.bookdepository.com/Routledge-Handbook-Indigenous-Wellbeing-Christopher-Fleming/9781138909175
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Dr. Warveni Jap	School of Business and Economics	Global & international marketing; international business studies; international business ethics; strategic leadership & management; integrated marketing communications; relationship marketing; services marketing; economic development in emerging markets; experiential marketing; sustainable marketing; network marketing; multilevel marketing; brand management.
Dr. Salman Kimiagari	School of Business and Economics	Kimiagari, S., Keivanpour, S., Karuranga, E., & Musonera. E (2015). The application of the fuzzy rule-based model to evaluate corporate social responsibility enablers in the multinational corporation (International Journal of Sustainable Strategic Management) [ABDC Ranking: C].
Dr. Laura Lamb	School of Business and Economics	Hossain, B., & Lamb, L. (2014). (accepted). Aboriginal labour force participation in Canada: consideration of a broader definition of capital. Journal of International Business and Economics. non-profits, community economic development, personal finance, aboriginal economic issues, policy economics, behavioural economics
Ehsan Latif	School of Business and Economics	(2014). (accepted). The impact of economic downturn on mental health in Canada. International Journal of Social Economics. Socio economic determinants of health and obesity Economics of aging such as labor supply of older population and retirement Economics of immigration Economics of energy Economics of happiness and wellbeing Economic Education
Dr. Anne Lavack	School of Business and Economics	Watson, L. & Lavack, A. M. (2014). Using social marketing to encourage the purchase of fuel efficient vehicles. In A. Kapoor & C. Kulshrestha (Eds.), Dynamics of competitive advantage and consumer perception in social marketing (pp. 253-277). Hershey, PA: IGI Global.
Dr. Rod McCormick	School of Business and Economics	Although my research chair is technically named Indigenous child and maternal health and education my broad area of research is in Indigenous health. Most of my professional training

		and experience is in Counselling Psychology and in Indigenous mental health. For the past 15 years I have been engaged in Indigenous health research capacity building and in Indigenous health research advocacy at the provincial and national level. For over 10 years I ran the BC Aboriginal Capacity and Developmental Research Environments (ACADRE), the Network Environment for Aboriginal Health Research (NEAHRBCYT), and Kloshe Tillicum. On the advocacy front I am the co-founder/leader of the National Aboriginal Health Research Steering Committee: Kawatsire. At present I am developing a new centre at TRU called: All my Relations. This centre will be a national Indigenous family and community health research and training centre to identify, research and further develop and implement best practices in Aboriginal family and community health and healing.
Dr. Muhammad Mohiuddin	School of Business and Economics	Masud, M. M., Azam, M. N., Mohiuddin, M., Banna, H., Akhtar, R., Alam, A. F., & Begum, H. (2017). Adaptation barriers and strategies towards climate change: Challenges in the agricultural sector. <i>Journal of Cleaner Production</i> , 156: 698-706. SSCI IF: 5.715.
Dr. Alex Ng	School of Business and Economics	Corporate Finance Governance International Finance Sustainability and Ethics Leadership
John O'Fee	Faculty of Law	Administrative Law Health Professions Aboriginal Land Development Real Estate
Jingzhi (Joyce) Shang	School of Business and Economics	Corporate Social Responsibility, Ethical Consumption, Social Marketing, Non-Profit Marketing, Consumer Well-Being
Wayne Singular	School of Business and Economics Department of Open Learning	Triple Bottom Line Accounting Environmental liabilities in resource entities Emerging industries
Dr. Panagiotis (Peter) Tsigaris	School of Business and Economics	Environmental Economics, Public Economics, Taxation Policy and Design, Decisions under Uncertainty, Education of Economics, Economics of Education.

Dr. Joel Wood	School of Business and Economics	Environmental economics, resource economics, energy economics, public policy
Prof. Airini	Faculty of Human, Social, and Educational Development	Airini. (2014). Equity, change, and we the university. Argos. Issue 01: The university beside itself. ISSN: 2324-5794. 111-115.
Natalie Clark	Faculty of Human, Social, and Educational Development	My research interests include Indigenous methodologies and community based participatory research projects within intersectional research teams. I have had several SSHRC grants exploring Indigenous field education, as well as a recent CIHR grant together with the Native Youth Sexual Health Network that challenges risk discourse in the lives of Indigenous youth. I have extensive experience; in community-based research in the areas of youth health including experiences with issues of sexual exploitation; eating disorders; youth justice and health, violence and the support needs of girls and women. My most recent research is focused on culturally safe and anti-oppressive field education for Aboriginal students; as well as creating a youth health research agenda within an intersectional approach including gender, culture, and geography. I am the founder and Director of the Centre for Community-Based Youth Health Research at TRU and through the Centre support research related to youth health in rural communities and small cities in partnership with community, and youth themselves.

Dr. Gloria Ramirez	Faculty of Human, Social, and Educational Development	Walton, P., & Ramirez, G. (2012). Reading acquisition with young Aboriginal children. Encyclopedia of Language and Literacy Development, http://literacyencyclopedia.ca/index.php?fa=items.show&topicId=309
Dr. Carol Rees	Faculty of Human, Social, and Educational Development	Rees, C.A., (2014). Developing Awareness of Connections Between Science, Technology and the Environment through Participation in a Game-Like Approach to Curriculum. Brazilian Journal of Research in Science Education (RBPEC). 1(2), in press.
Dr. Tesh Dagne	Faculty of Law	Intellectual Property and Traditional Knowledge in the Global Economy: Translating Geographical Indications for Development (Rutledge, 2014) He has diverse interdisciplinary research interests in the legal and policy dimensions of intellectual property law in in the areas of technology, indigenous knowledge, biotechnology regulation, biodiversity conservation, agriculture, and environmental law.
Charis Kamphuis	Faculty of Law	Since 2008, Charis has worked in collaboration with a small group of lawyers and legal academics to build legal knowledge and capacity in Canada to support mining-affected communities, primarily in Latin America. In 2011, she co-founded the Justice and Corporate Accountability Project (JCAP) together with Professor Shin Imai at Osgoode Hall Law School and a small Board of practicing lawyers located in Toronto and Vancouver. JCAP offers law students the opportunity to engage in community-based legal work and research. Students help provide pro bono legal support to mining-affected communities in Canada and abroad, in a framework of community self-determination.
Bradford Morse	Faculty of Law	“The uphill struggle to protect Indigenous traditional knowledge in settler states that value short-term private ownership: how is Canada doing?” in Natalie P. Stoianoff, ed., <i>Indigenous Knowledge Forum – Comparative Systems for Recognising and Protecting Indigenous Knowledge and Culture</i> , (LexisNexis Butterworths Australia, 2016), pp. 403-440.
Janna Promislow	Faculty of Law	Her teaching experience and research interests encompass constitutional and administrative law, aboriginal rights, colonial legal history and indigenous-settler relations, natural resources law and legal pluralism

Nicole Schabus	Faculty of Law	Case Commentary: Tsilhqot'in v. British Columbia, 2014 SCC 44" Environmental Law and Policy, Volume 44, Number 4 (Fall 2014), IOS Press academic analysis of multilateral environmental negotiations
Katie Sykes	Faculty of Law	Professor Sykes's research interests include international trade law, animal law and the future of the legal profession.
Dr. Lisa Bourque Bearskin	School of Nursing	Lisa has a strong passion to invest in First Nation, Inuit, and Metis, rights to appropriate health care and to work within the health care system to enhance peoples understanding of Indigenous health that is responsive to the client and nurse's cultural integrity. Currently, she is working with nurses and various communities to enhances understandings of Indigenous nursing knowledge and social determinants of health, focusing on Indigenous wellness that maintains cultural integrity of nurses practice and supports Indigenous clients sovereignty.
Sheila Blackstock	School of Nursing	Indigenous health, workplace bullying behaviours, workplace structures and processes and community/occupational health.

M. Star Mahara	School of Nursing	Holmes, V. & Mahara, S (2012). Approaching Culture Through Equity, Citizenship, and Respectful Relations. Collaboration for Academic Education in Nursing (CAEN). Under the Same Sky: Celebration, Collaboration, and Continuity. [Abstract]. Indigenous peoples' health and well-being
Wendy McKenzie	School of Nursing	Disaster nursing competency integration into Schools of Nursing Global Health
Dr. Donna Murnaghan	School of Nursing	Her area of research expertise is in prevention of chronic disease by working with youth population in areas of tobacco, drugs, alcohol, physical activity, healthy eating and mental

		fitness. She is Co-PI of the Comprehensive School Health Research Unit since 2007. She was Director of the PEI Health Research Institute from 2003- 2009 where she was responsible for building, supporting and mentoring faculty research.
Dr Joyce O'Mahony	School of Nursing	O'Mahony, J. M., & Donnelly, T. T. (2013). How does Gender Influence Immigrant and Refugee Women's Postpartum Depression Help-seeking Experiences? <i>Journal of Psychiatric and Mental Health Nursing</i> 20, 714-725. "Reproductive Mental Health Care Access for Immigrant Women: An Environmental Scan" O'Mahony, J.(PI), Clark, N., Smrek, J. TRU Internal Research Fund. (2016-2017)
Steven Ross	School of Nursing	Paterson, B., Ross, S., & Gaudet, T. (2014). Motives for meaningful involvement in rural AIDS service organizations. <i>AIDS Care</i> 26(5): 582-586.
Tanya Sanders	School of Nursing	Blackstock, S., Bourque, K., Duncan, S., Giffin, L., Jones, L., Katernick, B., Mahara, S., Maidment, K., Ross, S., Sage, J., Sanderson, D., Sanders, T., & Weninger, C. (2016). Enacting a respectful response to the truth and reconciliation commission: Calls to action. Oral Presentation: Aboriginal Nurses Association of Canada (A.N.A.C.) National Training Forum Authentic Indigenous Health & Wellness Partnerships: Reclaimative Leading Practices. Montreal, Quebec, Canada
Dr. Darlene Sanderson	School of Nursing	My nursing interests are regarding the contributions that traditional Indigenous knowledge can make to community health and wellbeing through linguistic and cultural education. I support culturally-based research for the reclaiming of health of Indigenous nations through cultural education.
Mona Taylor	School of Nursing	I am interested in the development of global health and international nursing relationships/partnerships as a way to better understand the many healthcare systems and population health needs of the global community.
Dr. Faheem Ahmed	Faculty of Science Department of Computing Science	Khalil, I.M.; Khreishah, A.; Ahmed, F.; Shuaib, K. (2014) Dependable Wireless Sensor Networks for Reliable and Secure Humanitarian Relief Applications, <i>Ad Hoc Networks</i> , Elsevier Science, Vol. 13, No. 94-106. (Impact Factor = 2.110)

		Ahmed F.; Zia, M.; Hassan, M.; Alkobaisi, S.; (2017) Open Source Computer Game Application: An Empirical Analysis of Quality Concerns, <i>Entertainment Computing</i> , Elsevier Science, Accepted. (Impact Factor = 1.615)
Dr. Lynn Baldwin	Faculty of Science Department of Biological Sciences	Baldwin, L., Petersen, C., Jones, W.M., Karakatsoulis, J., Black, S. and G.E. Bradfield. Accepted, in press. Bryophyte richness and community patterns across riparian zones under different forest canopy treatments. <i>Canadian Journal of Forest Research</i>
Dr. Naowarat (Ann) Cheeptham	Faculty of Science Department of Biological Sciences	Cheeptham, N. Sadoway, T., Rule, D., Watson, K., Moote, P., Soliman, L., Azad, N., Donkor, K., Horne, D. (2013) Cure from the Cave: volcanic cave actinomycetes and their potential in drug discovery. <i>International Journal of Speleology</i> . 42(1):35-47. My research has primarily centered on microbial diversity, microbial secondary metabolites production, and searching for potential natural products and bioactive compounds for use in various fields such as agricultural and pharmaceutical, with particular emphasis on antifungal and antibacterial compounds discovery.
Dr. John Church	Faculty of Science Department of Natural Resource Science	Research Focus: The exploration of innovative practices and technologies aimed at increasing sustainability and enhancement of the cattle industry. http://kamino.tru.ca/experts/home/main/bio.html?id=jchurch In July 2008, Dr. Church accepted the new position as the B.C. Regional Innovation Chair in Cattle Industry Sustainability at Thompson Rivers University. The Chair leads a multidisciplinary research team dedicated to the exploration and invention of innovative practices and technologies leading to the sustainability and enhancement of the cattle industry, rangelands, and meat production and related products. The scope encompasses production of the grazing animals through to harvesting, raw and value added meat products, and the preservation of the natural resources on which these industries depend. Studies include policy, economics and business aspects for each of these sectors. The objective is to catapult the meat and rangeland industries from their current status to successful Trade Mark Industries for British Columbia.

Dr Kingsley Donkor	Faculty of Science Department of Physical Sciences and Engineering	Research Interests: Analytical and Environmental Chemistry: (1) Capillary electrophoretic and mass spectrometric methods for detection and characterization of antimicrobial peptides
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		<p>particularly lantibiotics. Of particular interest is the study of binding characteristics of metal-lantibiotic complexes and the interaction of lantibiotics with components of cell membranes. The goals of this research effort are: (a) to understand the impact of metal complexation on therapeutic potential of lantibiotics, (b) to determine the binding characteristics of the interaction between lantibiotics and components of bacterial cell membranes, (c) to investigate the mode of action of lantibiotics on target bacteria; (2) Application of chemometric techniques in environmental and agricultural research for the identification of natural and anthropogenic sources of environmental pollution and for classification of agricultural products based on the origins of the constituents; (3) Speciation of air particulate for source apportionment and their health effects.</p> <p>Analytical and Environmental Chemistry:</p> <p>My research program focuses on developing analytical methods in capillary electrophoresis and chromatography and to apply these methodologies to study real-world systems in the medical, pharmaceutical, food and environmental industries.</p> <p>Five major areas are:</p> <p>(i) Developing capillary electrophoretic and mass spectrometric methods for the detection and characterization of antimicrobial peptides particularly antibiotics.</p> <p>(ii) Developing analytical chemistry methodologies to analyze, emerging contaminants, cations and anions in environmental waters with highly challenging matrices such as oilfield waters, wastewater, groundwater and river water.</p> <p>(iii) Developing separation methods, primarily capillary electrophoresis (CE) and liquid chromatography-mass spectrometry (LC/MS), for the identification, analysis and characterization of molecular markers in environmental and industrial waters</p> <p>(iv) Developing analytical chemistry methodologies to determine chemical molecular markers in food and agricultural matrices.</p> <p>(v) Application of chemometric techniques in environmental and agricultural research for the identification of natural and anthropogenic sources of environmental pollution and for classification of agricultural products based on the origins of the constituents</p>
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Dr. Lauch Fraser	Faculty of Science Department of Natural Resource Science	Harrower, B., Fraser, L.H., Turkington, R. 2013. Grassland trophic dynamics in a changing world. Canadian Society for Ecology and Evolution Bulletin 14: 15-16. Ecosystem reclamation Biodiversity Climate change Range management
Dr. Wendy Gardner	Faculty of Science Department of Natural Resource Science	Research Interests: Grasslands and freshwater ecology.
Dr. Louis A. Gosselin	Faculty of Science Department of Biological Sciences	Nielsen TV, Gosselin LA (2011) Can a scavenger benefit from environmental stress? Role of salinity stress and abundance of preferred food items in controlling population abundance of the snail <i>Lirabuccinum dirum</i> . Journal of Experimental Marine Biology and Ecology 410: 80-86 Santee SD, Van Hamme JD, Gosselin LA (2016) Testing microbial pathogens as a cause of early juvenile mortality in wild populations of benthic invertebrates. Marine Ecology Progress Series 562: 53-63
Dr. Brian Heise	Faculty of Science Department of Natural Resource Science	Heise, B.A., and M.L. Herborg. 2012. Ecology and control of invasive fishes in British Columbia. Invited talk during the symposium "Building linkages between invasive species and restoration". Restoration 2012: Beyond Borders. Joint meeting of the Washington & BC Chapter of the American Fisheries Society and the NW and BC Chapters of the Society for Ecological Restoration. May 15-18, 2012. Victoria, BC. I am an aquatic ecologist who studies the effects of land use practices and invasive species on freshwater invertebrates and fish. I teach Limnology, Ichthyology, Fisheries Management, and Ecosystem Reclamation (with Wendy Gardner). I am also the Chair of the Invasive Species Council of BC. Current research projects include 1. Ecology and control of invasive northern pike in the Columbia River (grad student Dan Doutaz) 2. Thermal ecology of chinook salmon in the Deadman River (grad student Michelle Walsh) 3. Migration ecology of Arctic grayling (grad

		student Patricia House), 4. Feeding ecology of invasive yellow perch (honours student Dustin Melan), and 5. Feeding ecology of invasive goldfish (undergrad Kwynn Bodman).
Dr. Robert Higgins	Faculty of Science Department of Biological Sciences	Higgins RJ, Lindgren BS. 2012. The effect of manipulated shading on the colony abundance of two species of ants, <i>Formica aserva</i> and <i>Leptothorax muscorum</i> , in dead wood. <i>Entomologia Experimentalis et Applicata</i> . 143:292-300. DOI: 10.1111/j.1570-7458.2012.01263.x The ecology of ants in the forests of British Columbia. Particular interests in the relationship between ants and coarse woody debris
Dr. Karl Larsen	Faculty of Science Department of Natural Resource Science	Research Interests: My work primarily has involved terrestrial vertebrates, but I am as concerned with the question behind the research as I am with the type of animal being studied. Much of my work has investigated limits and constraints on populations, often in terms of the movement ecology and dispersal of animals. After finishing my PhD, I worked for several years as a wildlife ecologist for a forest company in northern Alberta. My research there centered on understanding how wildlife populations and communities were structured by fire-generated landscape patterns, and this provided me with valuable experience in the area of applied ecology. In 1997, I came to the Department of Natural Resource Sciences at Thompson Rivers University in Kamloops. Since then, I have continued my research into more theoretical areas of ecology, but I also have found myself increasingly drawn into the realm of wildlife management and conservation ecology, due in no small part to the increasing need for this type of work in our region. Ecology of mammals, reptiles, and amphibians. Dispersal and movements by individual animals. Conservation biology. Wildlife ecology and management
Dr. Nelaine Mora-Diez	Faculty of Science	RESEARCH INTERESTS: Computational physical organic chemistry; Thermodynamic and kinetic studies of organic systems in the gas phase and in solution; Applications to problems of

	Department of Chemistry	<p>chemical, environmental, or biochemical importance; Atmospheric and green chemistry. Astrochemistry; Calculation of equilibrium constants; Kinetic studies of organic reactions in the ground and excited states (photochemistry); Excited states of organic molecules</p> <p>Computational physical organic chemistry: Thermodynamic and kinetic studies of organic systems in the gas phase and in solution. Applications to problems of chemical, environmental, or biochemical importance.</p> <p>Calculation of equilibrium constants Kinetic studies of organic reactions</p> <p>Atmospheric and green chemistry</p>
Dr. Andrew Park	Faculty of Science Department of Computing Science	<p>E. Hwang, A. Park, A. Sixsmith, and G. Gutman, "The Virtual Environment in Communication of Age-Friendly Design." Technology for Active Aging, A. Sixsith, G. Gutman (eds). Springer, US. Vol. 9, pp. 155-168 (2013).</p> <p>*Information Visualization and Visual Analytics on Big Data (Crime and Court Data) *Virtual Environments for Social Science Research (Criminology and Gerontology) *Human-Computer Interaction for Virtual Environments *Agent-Based Modeling and Simulation (Crowd Simulation) for Counter-Terrorism *Social Network Analysis and Visualization</p> <p>*Computational Criminology (Fear of Crime and CPTED) *A. Park & T. Calvert, "A Social Agent Pedestrian Model." Computer Animation and Virtual Worlds, G. J. Kim, H. Qin, N. Magnenat-Thalmann (eds). John Wiley & Sons, Ltd, West Sussex, UK. Vol. 19, Nos. 3-4. pp. 331-340 (2008). *A. Park, T. Calvert, Patricia Brantingham and Paul Brantingham. "The Use of Virtual and Mixed Reality Environments for Urban Behavioural Studies." In Special Issue: Mixed Realities in the Urban Environment PsychNology Journal, R. McCall, G. Jacucci, & W. Broll (eds.) Vol. 6, No. 2. pp. 119-130(2008).</p>
Dale Parkes	Faculty of Science Department of	Energy optimization in residential homes and other buildings (Department of Architectural and Engineering Technology)

Dr. Thomas Pypker	Faculty of Science Department of Natural Resource Science	Research Interests: to improve the ability of the cattle industry and other land managers— including provincial ministries—to mitigate the effect of land use and climate change on fragile grassland habitats. Ecology of mammals, reptiles, and amphibians. Dispersal and movements by individual animals. Conservation biology. Wildlife ecology and management
Amie Schellenb erg	Faculty of Trades and Technology	Research Interests: Alternative/renewable energy, environmental resources

Dr. Matt Reudink	Faculty of Science Department of Biological Sciences	<p>Munro, K.R.**, N.J. Flood, A.E. McKellar, and M.W. Reudink. 2014. Female mate preference varies with age and environmental conditions. <i>Behaviour</i> 141:2059-2081</p> <p>Marini, K.L.D.**, K.A. Otter, S.E. LaZerte, and M.W. Reudink. 2017. Urban environments are associated with earlier clutches and faster nestling feather growth compared to natural habitats. <i>Urban Ecosystems</i> published online 27June2017</p>
Dr. Cynthia Ross-Friedman	Faculty of Science Department of Biological Sciences	Wang H, Qureshi S, Qureshi B, Qiu J, Ross Friedman C Breuste J, Xiaoke W (accepted November 2013). A multivariate analysis integrating ecological, socioeconomic and physical characteristics to investigate urban forest cover and plant diversity in Beijing, China <i>Urban Forestry & Urban Greening</i>
Roger Yu, PhD	Faculty of Science Department of Mathematics	<p>Research focus: graph theory and discrete optimization.</p> <p><u>Balancing Development & Environment Protection in Ajax Mine -- A mathematical and systematic analysis (Summer 2015)</u></p> <p>Principal investigators: Jie Jian, Lan Ma and Roger Yu (yu@tru.ca)</p> <p>The research project study Ajax Mine, proposed by KGHM International for an open pit copper and gold mine near the city limits of Kamloops. The proposal has been met with much controversy among the citizens of Kamloops questioning the environmental impact of the mine. The study evaluates the direct impact of Ajax's mining operation to the local community, and to explore the trade-off between the profit of Ajax mine and its environmental impact in terms of air pollution, wasted water discharge and recycled. The goal of the project is to find a balance between the company's desire to increase revenue and community's demand for less environmental impact</p>
Nancy A. Van Wagoner, PhD, MFA	Faculty of Science Department of Geology	<p>S. Paradis, Van Wagoner, N., Moertle, J., and Leybourne, M. I., "Magmatism and relationships to sediment-hosted Zn-Pb deposits", <i>Open-File Report - Geological Survey of Canada Open-File Report - Geological Survey of Canada</i>, pp. 115-121, 2017.</p> <p>Other:</p> <p>Review of the environmental impact statement of the proposed AJAX mine</p> <p>Recent exhibition at the TRU gallery, <i>Origins and Endgames</i>, placed humanity in the context of geologic time, as a way of considering the impacts of humans as geologic events.</p>