The Canadian Association of Geographers Directory

L’Annuaire de l’Association Canadienne des Géographes

60 University Private, 031
Ottawa, ON, K1N 6N5

www.cag-acg.ca
info@cag-acg.ca
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Nadine Schuurman

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Kathryn Laferrière

Email/Courriel : info@cag-acg.ca
Website/Site web : www.cag-acg.ca
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Departments of Geography / Départements de géographie

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# Geography Department Program Enrolment

**Academic Year 2019-2020**

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**Note:** footnotes are on the following page iv.
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Année académique 2018-2019

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<sup>(a)</sup> Microprogramme en géomatique et analyse spatiale + DESS en géographie et études environnementales

<sup>(b)</sup> 6 étudiants à la maîtrise en études et interventions régionales (MEIR) + 6 étudiants à la maîtrise en ressources renouvelables (sciences de l'environnement)

<sup>(c)</sup> Doctorat en développement régional (DDR)

Footnotes for table on page iii

1. Majors / Specializations / Minors combined
2. MA / MSc / MPI
3. 257 BA Geographic Analysis + 288 BA Environment and Urban Sustainability, full-time
4. 23 full-time + 10 part-time MSA (Spatial Analysis)
5. Number of majors and honours from 2019-2021 enrolment data; number of minors from 2020-2021 enrolment data
6. Interdisciplinary program in Environmental Science and Environmental Studies
7. 204 UBST Majors, 17 MGIS
8. These numbers include students from BASC and BASC Hons in Environment and Society; BSc and BSc Hons in Environmental Earth Sciences; BA and BA Hons in Regional and Urban Planning degrees.
9. Master of GIS
Department Offers

BA Geography, BA Environmental Studies, and BSc Environmental Science Honours, major and minor programmes.
Specialization in Sustainable Agriculture and Food Systems [www.ubishops.ca/SAFS](http://www.ubishops.ca/SAFS)

Faculty

*Professors Emeriti:*

J. Derek Booth, PhD (McGill)  
dbooth@ubishops.ca
C. G. Rose, PhD (Clark)  
crose@ubishops.ca

*Professors:*

Darren Bardati¹, PhD (McGill)  
dbardati@ubishops.ca  
Sustainable agriculture and food systems  
Food and water security  
Adaptation to climate change

Norman Jones, PhD (Waterloo)  
njones@ubishops.ca  
Climate change and the Quebec wine industry  
Flood hazards in southern Quebec

Elisabeth Levac, PhD (Dalhousie)  
elevac@ubishops.ca  
Holocene  
Impact of air pollution on human health  
Paleoceanography, Paleoclimatology  
Pollen and allergies

Matthew Peros², PhD (Ottawa)  
mperos@ubishops.ca  
Holocene environmental change in southern Quebec, eastern Canada, and the Caribbean Younger Dryas  
Paleoecology and dendroecology

*Assistant Professor:*

Jane Morrison, PhD (Polytechnic Univ. of Catalonia) jmorriso@ubishops.ca  
Sustainable agriculture and food systems  
Ecosystem services of weeds, wild pollinators

---

¹ Chair (Faculty information as of July 1, 2020)
² Tier II Canada Research Chair in Climate and Environmental Change
Lecturers:

Bruno Courtemanche, MSc (Sherbrooke)  
GIS  
Limnology and oceanography  
Remote sensing and instrument design  
bcourtem@ubishops.ca

Jennifer Downing, M.Ed. (Bishop’s)  
Sustainable agriculture and food systems  
Permaculture design  
Urban and community agriculture  
jdowning@ubishops.ca
Department Offers

BA or BSc Environmental Studies Concentration
BA or BSc Geomatics Concentration
BA or BSc Honours

Faculty

Professors Emeriti:  E-mail Address:
John Everitt, PhD (UC Los Angeles) everitt@brandonu.ca
   Human geography, tourism
Rod McGinn, PhD (Manitoba) mcginn@brandonu.ca
   Hydrology, glacial geomorphology, meteorology

Professor:
Douglas Ramsey¹, PhD (Guelph) ramsey@brandonu.ca
   Agricultural restructuring
   Rural community well-being
   Rural tourism

Associate Professors:
Derrek Eberts², PhD (York) ebertsd@brandonu.ca
   Canadian brewing industry
   Tourism impacts
   Downtown revitalization
   Ethnic recreational landscapes
Christopher Malcolm, PhD (Victoria) malcolmc@brandonu.ca
   Wildlife management
   Wildlife ecotourism
   Human dimensions of wildlife and tourism
Pete Whittington, PhD (Waterloo) whittingtonp@brandonu.ca
   Hydrology
   Wetlands
   Peatlands

¹ Member of the Department of Rural Development
² Chair (Faculty information as of July 1, 2016)
Dion Wiseman, PhD (Indiana State)  
   wiseman@brandonu.ca  
   Land cover mapping  
   GIS/Remote sensing  
   Unmanned air vehicles  

Rachel Herron, PhD (Queens)  
   herronr@brandonu.ca  
   Rural health  
   Aging  
   Dementia  
   Care and caregiving  
   Voluntarism  
   Gender and health  

**Assistant Professors:**  

Julie Chamberlain, PhD (York University)  
   chamberlainj@brandonu.ca  
   Critical urban social and cultural geography  
   Geographies of racialization in Germany and Canada  
   Migrant communities and placemaking  
   Qualitative Research Methods  

Alexander Koiter, PhD (UNBC)  
   koitera@brandonu.ca  
   Watershed science  
   Soil and water conservation  
   Geomorphology  
   Sediment dynamics  

**Instructional Associate:**  

Wenonah van Heyst, MGIS (Calgary)  
   fraserw@brandonu.ca  

**Adjunct Professors:**  

Aaron Glenn, PhD (University of Manitoba)  
   aaron.glenn@canada.ca  
   Micrometeorology, soil science, land surface-atmosphere interactions  

Scott Ketcheson, PhD (University of Waterloo)  
   sketcheson@athabascau.ca  

Chris Nicolai, PhD (University of Nevada Reno)  
   cnicolai@deltawaterfowl.org  

Maria Strack, PhD (McMaster University)  
   mstrack@uwaterloo.ca  
   Ecohydrology, biogeochemistry, wetlands, restoration  

---  

3 CRC Rural and Remote Mental Health (Tier II)
Department Offers

BA, BSc, MA; faculty also participate in interdisciplinary masters programs in Social Justice and Equity Studies, Sustainability Science and Society, Popular Culture, and Earth Sciences

Faculty

Professor Emeritus: Hugh J. Gayler, PhD (British Columbia)  hjgayler@brocku.ca
Niagara’s emerging wine culture
Planning issues on the rural-urban fringe
Smart growth
Urbanisation and agricultural land preservation

Catherine Jean Nash, PhD (Queen’s)  catherine.nash@brocku.ca
Feminist geography
Gender and sexuality
LGBTQ issues
Queer theory
Social and cultural geography

Anthony B. Shaw, PhD (Western)  tshaw@brocku.ca
Climate change impacts, mitigation, and adaptation
Delimiting wine appellations and sub-appellations
Climatic and topographic analysis for specialty crops
Passive and active freeze protection methods for crop production
Energy efficient buildings and energy conservation
Wind resource assessment for wind power

Professors:

David Butz, PhD (McMaster)  dbutz@brocku.ca
Road construction, mobility and social change in the global south
Community level social organisation in northern Pakistan
Mobility justice
Qualitative methodology
Sound and spatiality
Social and cultural geography
David Fennell, PhD (Western)  
dfennell@brocku.ca  
Ecotourism  
Nature-based tourism  
Tourism ethics  
Ecotourism policy and planning

Christopher Fullerton, PhD (Saskatchewan)  
chris.fullerton@brocku.ca  
Rural planning and development  
Tourism development in Niagara Region  
Public transit planning and policy

Phillip Gordon Mackintosh, PhD (Queen’s)  
pmackintosh@brocku.ca  
Historical mobilities, including bicycling  
Public space and bourgeois culture  
Urban reform and city planning  
Victorian gender relations and fraternalism  
Historical newspapers and liberalism

John Menzies, PhD (Edinburgh), P. Geo  
jmenzies@brocku.ca  
Drumlins and MSGL bedforms  
Glacial microsedimentology  
Subglacial sediments  
Past glacial environments

Michael Pisaric1, PhD (Queen's)  
mpisaric@brocku.ca  
Climate change impacts on northern ecosystems  
Dendrochronology  
Paleolimnology  
Biogeography

Michael Ripmeester, PhD (Queen's)  
mripmeester@brocku.ca  
Geographies of popular memory  
Geography and ethnohistory  
Historical and cultural geography  
Historical geographies of First Nations in Ontario

Dragos Simandan, PhD (Bristol)  
simandan@brocku.ca  
Economic Geography  
Critical Human Geographies and Critical Urban Theory  
Health, Well-being, and the Politics of Biomedical Research  
Social Theory and Philosophy of the Social Sciences  
Interface between Geography and the Cognitive Sciences

Associate Professors:

Jeff Boggs, PhD (UC Los Angeles)  
jeff.boggs@brocku.ca  
Economic geography  
Economic evolution of the Niagara Region  
Locational dynamics of media industries  
Regional political economy  
Mixed methods research techniques  
Geographical pedagogy

1 Chair (Faculty information as of July 1, 2019)
David T Brown, PhD (McGill)  
dbrown@brocku.ca  
Digital tourism and interpretation  
Municipal cultural mapping  
Niagara Greenbelt Gateway Project  
Friends of Laura Secord publications, projects, and initiatives: digital interpretation, Laura Secord Legacy Trail, community infrastructure projects  
Land management plans for the Niagara Parks Commission  
Trail and greenway management  
Sustainable integrated waste management theory and practice  

Danuta De Grosbois, PhD (Carleton)  
ddegrosbois@brocku.ca  
Sustainable tourism management  
Tourism certification  
Measurement of CSR performance  
CSR reporting in tourism industry  

Atsuko Hashimoto, PhD (Surrey)  
ahashimoto@brocku.ca  
Socio-cultural and human aspects of tourism development (especially women and children)  
Human rights issues in Tourism  
Sustainable Tourism Development in the rural areas  
Culinary Tourism  

Marilyn Jollineau, PhD (Waterloo)  
mjollineau@brocku.ca  
Ecological measures of environmental stewardship  
Mapping and monitoring land-use/land-cover change over time  
Remote sensing  
Spatial data analyses  

David J Telfer, PhD (Waterloo)  
dtelfer@brocku.ca  
Linkages between tourism and development theory  
Tourism planning and development  
Rural tourism development  

Kevin Turner, PhD (Wilfrid Laurier)  
kturner2@brocku.ca  
Climate change  
Northern freshwater landscapes  
Hydrology  
Spatial analysis  
Paleolimnology  

Ebru Ustundag, PhD (York)  
eustundag@brocku.ca  
Urban geography  
Citizenship studies  
Feminist geographies  
Geographies of sex-work  
Geographies of health and addiction  
Scholarly activism  

Assistant Professor:  

Julia Baird, PhD (Saskatchewan)  
jbaird@brocku.ca  
Water resilience  
Water governance  
Social-ecological systems
Adjunct Professors:

Jayson Childs, PhD (Wilfrid Laurier)  
Coastal geomorphology  
Aeolian geomorphology  
Water resources  
Geography and education  
Coastal management  

jchilds@brocku.ca
Department Offers

BA in Geography; Environmental Studies; Geomatics. BSc in Physical Geography; Geomatics. MA in Geography (Human Geography, Land Resource Use [Management and Appraisal] and GIS). MSc in Geography (Physical Geography; Geomatics) Ph.D in Geography (Societal Change; Environmental Change)

Faculty

Distinguished Research Professors:

John Clarke, PhD (Western Ontario)  
Ethnicity and agriculture  
Oligarchy and land in the second British Empire: Upper Canada 1788-1841

D. R. Fraser Taylor, PhD (Edinburgh)  
Regional and rural development in African and Latin America  
The application of geomatics to socio-economic development

Doug King, PhD (Toronto)  
Remote sensing and geospatial modelling and mapping of vegetation

E-mail Address:

John.Clarke@carleton.ca
Fraser.Taylor@carleton.ca
Doug.King@carleton.ca

Professors Emeriti:


Chancellor’s Professors:

Michael Brklacich, PhD (Waterloo)  
Human dimensions of global environmental change  
Rural and agricultural communities

Chris Burn, DSc (Durham), P. Geo.  
Permafrost and ground ice  
Physical geography of the Yukon and western Arctic Canada

E-mail Address:

Michael.Brklacich@carleton.ca
Christopher.Burn@carleton.ca

Professors:

Patricia Ballamginge, PhD (Carleton)  
Environmental conflict and democracy  
Food systems policy and governance  
Sustainable community

E-mail Address:

Patricia.Ballamginge@carleton.ca
Stephan Gruber, Dr. Sc. Nat. (Zurich)  
Climate impacts on cryosphere phenomena  
Methods development (computer simulation, measurement, scaling, uncertainty)  
Permafrost  

Elyn Humphreys, PhD (British Columbia)  
Biometeorology  
Carbon cycling in peatlands and Arctic tundra  

Associate Professors:  

Pablo Mendez, PhD (British Columbia)  
Housing and metropolitan change  
Informality and urban livelihoods  
Urbanization and grassroots politics  

Scott Mitchell¹, PhD (Toronto)  
Land cover and vegetation mapping in managed landscapes  
Spatial analysis of landscape pattern and environmental processes  

Derek Mueller, PhD (Laval)  
Arctic ice shelves and ice islands  
Indicators and impacts of climate change in the cryosphere  
Remote sensing of the cryosphere  

Peter Pulsifer, PhD (Carleton)  
Inuit ecological knowledge  
Cross-cultural collaborative research methodologies and ethics  
Linking Inuit and scientific knowledge in decision-making  

Murray Richardson, PhD (Toronto)  
GIS, remote sensing, and spatial statistics  
Watershed hydrology, water-quality and wetland science  

Jennifer Ridgley, PhD (Toronto)  
Migrants’ rights and citizenship in the city  
Urban policing and law enforcement  

Derek A. Smith, PhD (Kansas)  
Cultural geography  
Indigenous knowledges  
Forest use and conservation  
Participatory mapping  

Sophie Tamas, PhD (Carleton)  
Arts-based and narrative-based research  
Emotion, affect, identity and change  
Post-traumatic bodies, places and things  

Jill Wigle, PhD (Toronto)  
Informality and urban governance in Latin America  
Geographies of spatial regulation, conflict and precarity in Mexico City  
Land, housing and the Right to the City  

¹ Chair (Faculty information as of July 1, 2019)
Jesse Vermaire, PhD (McGill)  Jesse.Vermaire@carleton.ca
Aquatic ecology
Environmental change
Paleolimnology

**Assistant Professors:**

Emilie Cameron, PhD (Queen's)  Emilie.Cameron@carleton.ca
Critical northern geographies
Geographies of Indigenous/non-Indigenous relations, colonialism, and
Geographies of resource extraction
Indigenous self-determination

Karen Hébert, PhD (Michigan)  Karen.Hebert@carleton.ca
Environmental politics in the subarctic North
Resource industries and commercial fisheries
Struggles over sustainability

David Hugill, PhD (York)  David.Hugill@carleton.ca
Colonial Urbanisms, Urban Political Ecology, Indigenous Urbanization, Political
Organizing, Socio-Economic Exclusion, North American Inner Cities

Koreen Millard, PhD (Carleton)  KoreenMillard@carleton.ca
Multi-sensor data fusion for improved understanding of hydrology/vegetation
change and interactions
Modelling spatial and temporal biophysical variables with time-series remote
sensing and field-measurements
Machine learning image classification for mapping environmental change

Dipto Sarkar, PhD (McGill)  Dipto.sarkar@carleton.ca
GIScience, Social Network Analysis,
OpenStreetMap, Biodiversity Conservation

Sheryl-Ann Simpson, PhD (Cornell)  SherylAnn.Simpson@carleton.ca
Migration, place and citizenship
Environmental justice, health and well-being
Spatial analysis (participatory, quantitative, qualitative, interpretive)

**Instructors:**

Khaled Hamdan, PhD (Simon Fraser)  Khaled.Hamdan@carleton.ca
Physical geography/soil science
Biogeography
Climate Change

John Milton, MA (Carleton)  John.Milton@carleton.ca
Grassroots innovation
Technology, society and the environment
Innovation studies

Paul Williams, PhD (Queen’s)  Paul.Williams@carleton.ca
Cultural/historical geography
Post-industrial landscapes
Adjunct Professors:


Note: Contact information for Professors Emeriti and Adjunct Professors is available at http://www.carleton.ca/geography/staff-faculty/
Department Offers

BA Human Environment, BSc Environmental Science, BSc Environmental Geography, BA Urban Studies, BA Urban Planning, BA Minor in Geospatial Technologies, Undergraduate Certificate in Geospatial Technologies, Master of Science in Geography, Urban and Environmental Studies, Graduate Diploma in Environmental Assessment DEA, Masters of Environment Environmental Assessment, PhD Geography, Urban and Environmental Studies

Faculty

*Distinguished Professors Emeritus:*  

Brian Slack, PhD (McGill)  
- Transport geography with a focus on maritime transportation  
- Port planning and container shipping

Patricia A. Thornton, PhD (Aberdeen)  
- Population geography  
- Historical Geography of 19th Century Montreal  
- Mortality as an indicator of social and environmental justice

*Emeritus Professors:*

S. Robert Aiken, PhD (Penn State)  
- Tropical deforestation  
- Cultural geography  
- Developing country environmental issues

Jacqueline M. Anderson, PhD (Wisconsin)  
- Cartographic visualization and design  
- Map user abilities  
- Map skills education

Max Barlow, PhD (McGill)  
- Metropolitan governance  
- Political geography

*Professors:*

Pascale Biron, PhD (Montréal)  
- Hydro-geomorphology and river dynamics,  
- River management in agricultural watersheds  
- Geographical Information Systems
Morpho-dynamic numerical modelling
Stream restoration for fish habitat
Alan E. Nash, PhD (Cambridge) alan.nash@concordia.ca
Cultural geography
Restaurants in Montreal
Gravestones in Iceland and the Caribbean
Damon Matthews, PhD (Victoria) damon.matthews@concordia.ca
Climate change
Global climate modelling
Monica E. Mulrennan, PhD (Dublin) monica.mulrennan@concordia.ca
Indigenous resource management
Community-based conservation
Local adaptation to environmental change
Protected areas
Norma Rantisi, PhD (Toronto) norma.rantisi@concordia.ca
Industrial restructuring
Social economy
Workforce development
Hydro-geomorphology and fluvial dynamics
Leonard Sklar, PhD (California, Berkeley) leonard.sklar@concordia.ca
Fluvial, Hillslope, and Tectonic Geomorphology
Engineering Geology
Hydrology
Ecosystem Restoration

Associate Professors:
Sébastien Caquard, PhD (Saint-Etienne) sebastien.caquard@concordia.ca
Mapping narratives
Geomedia and the geoweb
Geographic information systems
Pierre Gauthier, PhD (McGill) pierre.gauthier@concordia.ca
Urban morphogenesis
History of development and planning practices in Quebec
Impact of normative planning theories on urban form
Transportation infrastructure and the quality of urban form
Kevin Gould, PhD (British Columbia) kevin.gould@concordia.ca
Political ecology
Critical geography
Conservation and development
Cold War Latin America, Guatemala
Jochen Jaeger, Dr. Sc. Nat. (Zurich) jochen.jaeger@concordia.ca
Landscape ecology
Road ecology
Monitoring of landscape change
Urban sprawl
Ecological modelling
Impact assessment
Zachary Patterson, PhD (McGill)  
zachary.patterson@concordia.ca  
Emerging methods for data collection  
Discrete choice experiments  
Transportation and land-use  

Ted Rutland, PhD (British Columbia)  
ted.rutland@concordia.ca  
History of urban planning, housing, and policing  
Race and racialization  
Urban political economy  

Craig Townsend, PhD (Murdoch)  
craig.townsend@concordia.ca  
Transportation policy, projects and politics, particularly in relation to public transit  
Urban planning in the developing world  

Assistant Professors:  

Bengi Akbulut PhD (Massachusetts, Amherst)  
bengi.akbulut@concordia.ca  
Ecological economics  
Political ecology  
Political economy of development  
Feminist economics  

Silvano De la Llata, PhD (Cornell)  
silvano.delallata@concordia.ca  
Public space  
Participatory community planning  
Urban design  
Social movements and the right to the city  
Urban sociology  
Open-source urban systems  
Planning history  
Urban acupuncture  
Urban spatial theory and subaltern urbanisms  

Angela Kross, PhD (McGill)  
angela.kross@concordia.ca  
Geospatial technologies  
Ecosystem processes and their controls  

Alexandra Lesnikowski, PhD (UBC)  
alexandra.lesnikowski@concordia.ca  
Climate change adaptation,  
Adaptation governance  
Adaptation policy analysis  
Comparative policy analysis  
Urban and regional planning  
Systematic evidence synthesis  

Nalini Mohabir, PhD (Leeds)  
nalini.mohabir@concordia.ca  
Postcolonial Geographies (regional focus: Caribbean)  
Decolonization  
Diaspora  
Urbanization in China
Jeannine Marie St-Jacques PhD (Queens)  jeanninemarie.st-jacques@concordia.ca
  Global environmental change
  Dendroclimatology
  Palynology and paleolimnology
  Climate models
  Hydroclimatology
Sarah Turner, PhD (Calgary)  sarah.turner@concordia.ca
  Primate behavioural ecology and conservation
  Animal responses to human-induced environmental change
  Primate mother-infant interactions
  Animals and disability

Affiliate Professors:

Ursula Eicker, PhD Heriot-Watt University  ursula.eicker@concordia.ca
  Smart and sustainable cities
  Resilient communities and cities
James Freeman, PhD (Berkeley)  james.freeman@concordia.ca
  Urban social, cultural and economic geography
  Public space and urban popular culture,
  Urban political economy and Latin America
Shauna Janssen, PhD Concordia University  shauna.Janssen@concordia.ca
  Performative explorations with and within the urban realm
  Site-responsive performances/ installations
  Urban interventions, Community collaborations
Amy Luers, PhD (Stanford)  amy.luers@futureearth.org
  Global Sustainability
  Climate & Resilience
  Big Data & AI
Julie Podmore, PhD (McGill)  jpodmore@johnabbott.qc.ca
  Lesbian historical geographies
  Feminist geography
  Comparative queer urbanism
  LGBT neighbourhood studies
  LGBT youth and generational studies
Amy Twigge-Molecey PhD (INRS)  amy.twigge-molecey@concordia.ca
  Urban Planning
  Neighbourhood and Community Planning
  Urban Sociology
Department Offers

Minor in Geography jointly administered by the Faculty of Architecture and Planning, Faculty of Science and Faculty of Arts and Social Sciences; Certificate in GIS; courses in Geography as electives in the BCD, BA and BSc degree programs, cross-listed with courses in contributing departments from Faculties of Architecture & Planning, Science, Arts and Social Sciences. Research and teaching collaborations exist between these faculties plus the Faculties of Computer Science, Health, Law, Management, Medicine and the University Libraries.

Faculty

Faculty of Architecture and Planning

Professors:

Sarah Bonnemaison, PhD (British Columbia) 
sarah.bonnemaison@dal.ca  
School of Architecture  
Architecture and temporary urbanism of festivals; commemorative architecture; vernacular landscapes; design of interactive exhibition

Patricia Manuel, PhD (Dalhousie)  
patricia.manuel@dal.ca  
School of Planning  
Climate change adaptation planning for coastal regions; coastal community planning; marine spatial planning; social vulnerability and climate change; watershed and wetland planning

Associate Professors:

Ahsan Habib, PhD (Toronto)  
ahsan.habib@dal.ca  
School of Planning and Department of Civil and Resource Engineering  
Travel behaviour modelling; transportation-land use interactions; travel demand forecasting; microsimulation of urban systems; physical activity; road safety

1 Faculty information as of July 01, 2020. Faculty teaching geography or cross-listed geography courses, or conducting geographic research.
Eric Rapaport, PhD (RIT, Stockholm)  
School of Planning  
Climate change adaptation planning; environmental and land use change using spatial analysis technology; visualization for planning applications; sustainable infrastructure planning; multiple criteria evaluation in environmental planning

Instructors:

Charles Hostovsky, PhD (Waterloo), MCIP  
School of Planning  
Environmental planning, New Urbanism, waste management, transportation planning, active transportaiton, impact assessment, participatory methods

Faculty of Arts and Social Sciences:

Associate Professors:

Robert Huish, PhD (Simon Fraser)  
Department of International Development Studies  
Geographies of development; geographies of health and health care; sport and geography; activism; experiential learning

Martha Radice, PhD (INRS)  
Department of Sociology and Social Anthropology  
Urban anthropology; anthropology of space/place; public space; public art; public culture; interethic relations; neighbourhood change; cosmopolitanism; Quebec; Canada; New Orleans

Matthew Schnurr, PhD (British Columbia)  
Department of International Development Studies  
Environmental geography; political ecology; agricultural technology; farmer decision-making; historical geography; environmental security and conflict

Faculty of Health

Associate Professors:

Daniel Rainham, PhD (Ottawa)  
Department of Earth and Environmental Sciences, cross-appointed in Community Health and Epidemiology and College of Sustainability  
Health geography; GIS; GPS; environment and health; epidemiology; sustainability; nature contact; exposure assessment; children’s health

Professors:

Ingrid Sketris, PharmD (Minnesota)  
College of Pharmacy  
Geographic distribution of pharmacies, pharmacists, and pharmacy services (e.g., methadone dispensing) and the geographic variation in the quality of drug prescribing
Faculty of Management:

Professor Emeriti:

Peter N. Duinker, PhD (New Brunswick) peter.duinker@dal.ca
School for Resource and Environmental Studies
Forest management and policy; environmental assessment; biodiversity assessment; urban forests; climate change

Professors:

Karen F. Beazley, PhD (Dalhousie) karen.beazley@dal.ca
School for Resource and Environmental Studies
Landscape/seascape conservation planning; protected area system design; wildlife habitat connectivity; spatial analysis; Indigenous knowledge systems; conservation and reconciliation; research ethics
Kate Sherren, PhD (Australian National) kate.sherren@dal.ca
School for Resource and Environmental Studies
Energy landscapes; built infrastructure; climate adaptation; farm biodiversity; visual methods

Associate Professors:

Tony R. Walker, PhD (Nottingham) trwalker@dal.ca
School for Resource and Environmental Studies
Remediation; impacts of industrial pollution; ecological risk assessment; environmental effects monitoring; environmental impact assessment; aquaculture management; air pollution

Assistant Professors:

Andrew S. Medeiros, PhD (York) andrew.medeiros@dal.ca
School for Resource and Environmental Studies and College of Sustainability
Freshwater ecology; arctic ecology; biogeography; paleolimnology; biomonitoring; environmental change; resource development
Alana Westwood, PhD (Dalhousie) a.westwood@dal.ca
School for Resource and Environmental Studies
Species distribution modelling; cumulative effects; forest management planning; species at risk management; science policy; coproduction of knowledge
Melanie Zurba, PhD (University of Manitoba) melanie.zurba@dal.ca
School for Resource and Environmental Studies and College of Sustainability
Environmental governance, collaboration, participation, Indigenous issues, qualitative methods

Lecturers:

Jennifer Grek Martin, MSc (UW-Madison), MLIS (Dalhousie) jn625843@dal.ca
School of Information Management
Perceptions of place in science fiction/fantasy film and literature; cartographic visualizations; geography and cinematic tourism
Adjunct Instructors

Peter Bush, PhD (Western Ontario)  peter.bush@dal.ca
  School for Resource and Environmental Studies
  Landscape Ecology; old growth forests; geomatics; protected areas

Faculty of Science:

Associate Professors:

Claudio Aporta, PhD (Alberta)  claudio.aporta@dal.ca
  Marine Affairs Program
  Inuit use of the Northwest Passage; spatial perception; anthropology of place and space; coastal and urban development; cartographic representation; geospatial databases

Megan Bailey, PhD (British Columbia)  megan.bailey@dal.ca
  Marine Affairs Program
  Global seafood sustainability, fisheries economics, marine governance, global cooperation, transboundary fisheries, fisheries allocation, equity

Shannon Sterling, PhD (Duke)  shannon.sterling@dal.ca
  Department of Earth and Environmental Sciences
  Human impacts on global water cycle; surface water hydrology; impacts of land cover change on hydrologic systems and sediment transport

Senior Instructors:

Anne Marie Ryan, PhD (Dalhousie)  amryan@dal.ca
  Department of Earth and Environmental Sciences
  Metals in urban soils

Instructors:

Heather Cray, PhD (McGill)  hcray@dal.ca
  Department of Earth and Environmental Sciences
  Landscape ecology, biogeography, environmental geography, biogeomorphology, and soil geography

Christopher Greene, PhD (Ryerson)  csgreene@dal.ca
  Department of Earth and Environmental Sciences
  Geographic Information Science / Systems; Environmental Applications of Remote Sensing; Environmental Decision-Making; Urban Forestry

Amy Mui, PhD (Toronto)  amy.mui@dal.ca
  Department of Earth and Environmental Sciences
  Environmental remote sensing; GIS applications; threatened species habitat mapping; landscape connectivity modeling; biodiversity assessment

Sessional Instructors:

Amy Siciliano, PhD (Toronto)  amy.siciliano@dal.ca
  Department of Earth and Environmental Sciences
  Urban and social geography, environmental geography, cartography
GIS Centre, University Libraries:

Lecturers:

James Boxall, MLIS/MA (Dalhousie)  james.boxall@dal.ca
Department of Earth and Environmental Sciences; School of Planning; Marine Affairs Program
Geospatial information management; geosurveillance; volunteered geographic information; GIScience; GIS
Department Offers

Bachelor of Arts, Major in Applied Geography
Bachelor of Arts, Minor in Geography
Associate of Arts, Geography

Faculty

Leonora King, PhD (UBC)  
Fluvial geomorphology and the linkages between biotic and abiotic processes in mountain channels, surface hydrology of the Greenland Ice Sheet using remote sensing and geographic information system (GIS) methods

Johannes Koch, PhD (Simon Fraser)  
Glacier history, geomorphology, dendrochronology, climate change, tree line fluctuations

Parthiphan Krishnan, PhD (Reading)  
GIS applications in social area analysis, with foci in urban agriculture, emergency planning and social services

John Martin, MSc (Simon Fraser)  
Surface/subsurface hydrology, water chemistry of lakes and wetlands

Mungandi Nasitwitwi, MSc (Simon Fraser)  
Air pollution and climate change

Dola Pradhan, PhD (Victoria)  
Natural resource management, Coastal aquaculture in India

John Rose, PhD (British Columbia)  
Suburban residential/commercial redevelopment and social displacement

David Sadoway, PhD (Hong Kong)  
Asian urbanism; civic environmentalism; urban infrastructure and technologies and community informatics
Department Offers

(H)BA, (H)BSc, HBES (Honours Bachelor of Environmental Studies), HBESc (Honours Bachelor of Environmental Science), Certificate in Geomatics, MES (Masters of Environmental Studies)

Faculty - Thunder Bay Campus

Professors Emeriti: E-mail Address:

Robert S. Dilley, PhD (McMaster) Robert.Dilley@lakeheadu.ca
Changes in the use of common lands in northern England since 1700
Weather in the novels of Arthur Ransome

David D. Kemp, PhD (Edinburgh) David.Kemp@lakeheadu.ca
19th and 20th century climate change in Northwestern Ontario
Global environmental issues
Weather, climate and the fur trade

Brian J. Lorch, PhD (Queen’s) Brian.Lorch@lakeheadu.ca
Big-box retail landscapes
Reconfiguration of Canadian regional shopping centres

Brian A.M. Phillips, PhD (Wales) brianph@shaw.ca
Ichthyofaunal and geomorphic evidence for pre-Agassiz and early Agassiz discharges to Lake Superior through the Ontario/Minnesota borderlands
Post-Glacial Lake Needles and Lake Havasu – partly buried shorelines in the Tri-State portion of the Colorado River valley, as an explanation of the distribution of currently discovered Paleo sites

Bradley A. Wilson, PhD (Calgary) Brad.Wilson@lakeheadu.ca
Landscape and land cover diversity mapping and change detection
Mapping food security in urban and rural environments
Research of image processing techniques to extract useful information from complementary datasets such as radar, optical, and digital elevation models
Virtual Reality and stereoscopic visualizations for urban planning and other applications
Professor:

Todd A. Randall¹, PhD (McMaster)  Todd.Randall@lakeheadu.ca
Attitudes towards urban intensification and diversification
Impacts of demographic changes on land use in Northern urban areas
Neighbourhood-scale evaluation of urban sustainability
Urban planning applications of GIS

Associate Professors:

Adam Cornwell, PhD (Toronto)  acornwel@lakeheadu.ca
Climatic changes in Northwestern Ontario
Impacts of climatic change on water resources and agriculture
Land surface modelling within global climate models
Reduction of greenhouse gas emissions
Martha Dowsley², PhD (McGill)  Martha.Dowsley@lakeheadu.ca
Biogeography of the Thousand Islands, Ontario
Common property theory
Inuit and natural resource management
Polar bear conservation
Robert M. Stewart³, PhD (Manitoba)  Rob.Stewart@lakeheadu.ca
Community-based natural resource management in Northwestern Ontario
Flood hazards and social vulnerability in the Red River Basin, Manitoba
William R. Wilson, PhD (Saskatchewan)  will@aspencroft.ca
Conservation and historical biogeography in Inner Asia and Himalaya
Geography and indigenous peoples
Northern indigenous agriculture
Kamil Zaniewski, PhD (Amsterdam)  Kamil.Zaniewski@lakeheadu.ca
Glacial history of Northwestern Ontario
Glacial history of Southwestern Manitoba
Micromorphology of soils and glacial sediments

Assistant Professor:

Muditha Heenkenda, PhD (Australia)  muditha.heenkenda@lakeheadu.ca

Adjunct Professors:

Brian Dunn, PhD (Oxford)  bpdunn@lakeheadu.ca
Charles Levkoe, PhD (Toronto)  clevkoe@lakeheadu.ca
Mitch Taylor, PhD (Minnesota)  mktaylor@lakeheadu.ca

¹ Dean, Faculty of Science and Environmental Studies
² Cross-appointed with Anthropology
³ Chair (Faculty information as of July 1, 2016)
Faculty - Orillia Campus

Associate Professors:

Florin Pendea, PhD (McGill) ifpendea@lakeheadu.ca
Rosario Turvey, PhD (Waterloo) rturvey@lakeheadu.ca

Assistant Professor (Non-Tenure Track):

Reginald Horne, PhD (Lancaster, UK) reg.horne@lakeheadu.ca

Social and economic life in industrial Orillia 1870-1940
Social and health Issues in Simcoe County
Laurentian University / Université Laurentienne
Geography Department / Département de Géographie
Ramsey Lake Road, Sudbury, ON, P3E 2C6
(705) 675-1151, ext. 4108 — Fax / Télécopieur (705) 675-4893
E-Mail / Courrier électronique : pbegin@laurentian.ca
Website / Adresse Web : http://laurentian.ca/program/geography

Geography Programs / Programmes d’études en géographie
BA Specialization/BA avec spécialisation, BA Concentration/BA avec concentration,
BA Major in Geography / BA avec majeure en géographie, Certificate in Geographic
Techniques / Certificat en techniques géographiques, Minor in Geography / Mineure en
géographie

Faculty / Personnel enseignant 1

Professors Emeriti / Professeurs émérites : E-mail Address / Courrier électronique:
Roger Pitblado, PhD (Toronto) rpitblado@laurentian.ca
Rural and northern health
Oiva Saarinen, PhD (London) oivaedeyasarinen@gmail.com
Beaver Lake Finnish settlement
Historical geography of Greater Sudbury
Youssef Toni, PhD (Durham)

Full Professor / Professeur titulaire :
Raoul Étongué Mayer, PhD (Laval) remayer@laurentienne.ca
L’étude de la morphologie de l’espace urbain à Sudbury de 1886 à nos jours
Modélisation des formes d’érosion glaciaire dans la région de Sudbury
Utilisation de l’espace dans les villes tropicales africaines
Jorge Virchez, PhD (Laval) jvirchez@laurentian.ca
Projet sur la pauvreté, sans abrisme et migration dans des communautés du Nord de
l’Ontario (Moosonee, Moose Cree, Fort Albany, Kashechewan, Attawapiskat,
Hearst, Timmins, Sudbury and North Bay)

Associate Professors / Professeurs agrégés :
Moustapha Soumahoro, PhD (Laval) msoumahoro@laurentienne.ca
Développement rural dans le pays Toura (Côte d’Ivoire)
Développement local et régional en Afrique Subsaharienne
L’étude de la morphologie de l’espace urbain à Sudbury
Les espaces urbains des villes d’Afrique subsaharienne

1 Faculty information as of September 16, 2019 / Information sur le personnel enseignant,
19 septembre 2019
Pascale Roy-Léveillé, PhD (Carleton) proyleveillee@laurentian.ca
Permafrost and thermokarst in northern Yukon / Pergélisol et processus thermokarstiques dans le nord du Yukon

Stephen Meyer, PhD (Western) smeyer@laurentian.ca
Agglomeration economies
Complementary and alternative health care
The geography of dentists

Staff / Personnel non enseignant:

Pauline Bégin pbegin@laurentian.ca
Léo Larivièe LLlariviere@laurentian.ca
Department Offers

BA, BA & Sc., BSc, MA, MSc, PhD

Faculty

Professors Emeritus:

Sherry Olson, PhD (John Hopkins)  olson@geog.mcgill.ca
- A GIS platform for studying the 19th-century city
- Public health issues in Montreal 1880 and today
- Work environments in the 19th-century city

Wayne Pollard, PhD (Ottawa)  wayne.pollard@mcgill.ca
- Permafrost geomorphology and cryostratigraphy: including processes associated with the formation and degradation of massive ground ice
- Permafrost hydrology: the interaction between groundwater and permafrost, including the study of perennial springs, icles and frost mounds in high latitudes
- Polar desert landscapes: the dynamics of landscape change under the extremely cold dry conditions of parts of the high Arctic and Antarctic
- Polar landscapes as analogues for Mars

George Wenzel, PhD (McGill)  george.wenzel@mcgill.ca
- Northern peoples—renewable resource harvesting in Arctic Canada
- Canadian public policy and indigenous people
- Hunter-Gatherer subsistence and social economy
- Inuit memories of geophysical phenomena

Professors:

Gail Chmura, PhD (Louisiana State)  gail.chomp@geog.mcgill.ca
- Wetland dynamics
- Biogeochemistry of tidal wetlands: particularly blue carbon (the carbon stored in salt marshes and mangroves) and greenhouse gas flux
- Paleo-environmental reconstruction, particularly of coastal systems
- Research programs on coasts of Canada and New England, examining responses of salt marshes and estuaries to variations in sea level, climate, nutrient enrichment, and anthropogenic disturbance

Oliver Coomes, PhD (Wisconsin-Madison)  oliver.coomes@mcgill.ca
- Floodplain agriculture and flood risk along Amazonian rivers
- Peasant adaptation to abrupt environmental change
- Poverty, livelihoods, and resource conservation in neotropical forests
Seed exchange among peasant farmers in Amazonia

Tim Moore, PhD (Aberdeen) tim.moore@mcgill.ca
- Biogeochemistry and ecology of peatlands: the influence of disturbance, land use change, and climatic change
- Cycling of carbon, nitrogen, and nutrients in ecosystems: ecological stoichiometry
- Soils and global change
- Detection of graves by trace gases

Nancy Ross, PhD (McMaster) nancy.ross@mcgill.ca
- Contextual influences on body weight and health-related behaviours
- Inequality and the health of urban populations
- Physical and social environmental determinants of health
- The socioeconomic gradient in health

Nigel Roulet¹, PhD (McMaster) nigel.roulet@mcgill.ca
- Eco hydrology and biogeochemistry of forested and wetlands ecosystems
- The carbon biogeochemistry of production peatlands and the use of peat
- Large-scale peatland dynamics: Hudson Bay Lowland
- Modelling of the development, vegetation dynamics, and carbon and nitrogen cycles of northern peatlands in natural and restored settings
- Peatlands as complex adaptive systems: patterns and process through time and over space

Sarah Turner, PhD (Hull) turner@geog.mcgill.ca
- Livelihoods in upland Southeast Asia and southwest China
- Ethnic minority groups in the Sino-Vietnamese borderlands
- Informal trade in urban Southeast Asia
- Upland small cities and migration in Asia

Associate Professors:

Sebastien Breau, PhD (UC Los Angeles) sebastien.breau@mcgill.ca
- Economic geography
- Spatial dimensions of inequality
- Regional development
- Quantitative methods

Benjamin Forest, PhD (UC Los Angeles) benjamin.forest@mcgill.ca
- Governance, political parties, and electoral geography
- Monuments, memorials, and public memory
- Political representation and redistricting/redistribution
- Visible minorities, racial/ethnic identity, and gender

Margaret E. R. Kalacska, PhD (Alberta) margaret.kalacska@mcgill.ca
- Remote sensing of tropical forest ecosystems, forensic applications of remote sensing, modeling of tropical forest ecosystems

Michel Lapointe, PhD (British Columbia) michel.lapointe@mcgill.ca
- Geomorphic disturbances to rivers and their effects on fish habitat
- Sediment transport mechanics in rivers
- Transitions between channel pattern types

¹ Chair (Faculty information as of July 1, 2020)
Bernhard Lehner, PhD (Frankfurt) bernhard.lehner@mcgill.ca
Hydrologic simulation within a GIS environment, scale effects, and generation/evaluation of global data sets
Large-scale modeling of the terrestrial water cycle and the effects of climate change on water resources and hydrologic regimes

Kevin Manaugh, PhD (McGill) kevin.manaugh@mcgill.ca
Social justice and inequality in urban areas
Transportation planning and travel behavior
Urban transport geography
History and planning of urban transportation systems
Spatial and social justice

Thom Meredith, PhD (Cambridge) tom.meredith@mcgill.ca
Management of ecological resources and cultural adaptation in traditional resource-use systems
Environmental impact assessment
Community-based environmental decision support
Experiential environmental education and structuring safe, supportive and effective field courses
Research areas: East Africa, Latin America, Canada

Sarah Moser, PhD (Singapore) sarah.moser@mcgill.ca
Cultural politics of urban mega-developments
Urban and cultural geography, Asia and Middle East
Transnational circulation of urban policy and aesthetics
Geographies of exclusion
Performativity, nation-building

Brian Robinson, PhD (Wisconsin-Madison) brian.e.robinson@mcgill.ca
Environment and development, institutions, ecosystem services, livelihoods, spatial interactions between people and resources, China

Raja Sengupta, PhD (Southern Illinois University-Carbondale) raja.sengupta@mcgill.ca
GIS, Geographic Information Science (GISci), Spatial Decision Support Systems, (SDSS), software agents, application to spatial epidemiology, payments for environmental services, and water management

Renée Sieber, PhD (Rutgers) renee.sieber@mcgill.ca
Geospatial ontologies in indigenous communities
GIS and the Geoweb in the environmental/conservation movements
Public participation Geographic information Systems (GIS)/participatory GIS in marginalized communities, community based organizations, and social movement groups
Use and development of e-commerce tools for use in marginalized communities.
Use of information and communications technology (including Web 2.0) by non-governmental organizations in influencing climate change policy

Ian Strachan, PhD (Queen's) ian.strachan@mcgill.ca
Marsh wetland carbon dynamics
Carbon emissions from restored and drained peatlands
Greenhouse gas emissions from agricultural systems
Jon Unruh, PhD (Arizona)  
jon.unruh@mcgill.ca
- Carbon sequestration in woody biomass projects, Africa
- Change in resource use process and pattern of pastoralists in East Africa
- Customary, indigenous, traditional land law
- Environmental change and land rights
- Food security and famine, Africa
- Legal geography and the intersection of statutory and customary law
- Migration and environmental change
- Postwar land and property rights
- Small-scale agriculture in the developing world
- The peace process in the developing world

Assistant Professors:

Yann le Polain de Waroux, PhD (University of Louvain)  
yann.lepolaindewaroux@mcgill.ca
- Qualitative and quantitative methods to explore questions of land-use change, development and sustainability
- Linkages between different manifestations of economic globalization, such as migration, trade in niche products or commodities and capital mobility
- Agent-level determinants of land-use change in dry woodland ecoregions of North Africa and South America

Graham MacDonald, PhD (McGill)  
graham.macdonald@mcgill.ca
- Food systems, including urban food and agriculture
- Global land use
- Globalization of food and agriculture
- Social-ecological systems
- Human impacts on global biogeochemical cycles

Grant McKenzie, PhD (UC Santa Barbara)  
grant.mckenzie@mcgill.ca
- Geographic Information Science
- Quantitative dimensions of Place and Space
- Geospatial privacy and security
- Human mobility patterns and trajectory analysis

Mylene Riva, PhD (University of Montreal)  
mylene.riva@mcgill.ca
- Indigenous Peoples’ health
- Social and environmental determinants of health
- Health inequalities
- Housing
- Place effects on health
- Population health intervention research

Christian von Sperber, PhD (ETH Zurich)  
chris.vonsperber@mcgill.ca
- Biogeochemical cycling of phosphorus and nitrogen in soils.
- Stable isotopes of C, N and O as tracers in environmental systems.
- The effect of land-use changes on soil-nutrient pools.
School Offers

BA, BSc, MA, MSc, PhD, McMaster Center for Climate Change

Faculty

Professors: E-mail Address:

Mohammed Altaf Arain, PhD (Arizona) arainm@mcmaster.ca
  Air pollution, climatology
  Evapotranspiration
  Forest carbon and water cycles
  Global climate models
  Hydrometeorology and biometeorology

Janok Bhattacharya, PhD (McMaster) bhattaj@mcmaster.ca
  3D facies architecture of shallow marine
  Paralic, fluvial depositional systems
  Sequence stratigraphy

Sean Carey*, PhD (McMaster) careysk@mcmaster.ca
  Cold regions
  Hydrology, biometeorology
  Landscape disturbance
  Reclamation

Vera A. Chouinard*, PhD (McMaster) chouinar@mcmaster.ca
  Disability in the Global South
  Emotions and diversity in the Occupy movement
  Experiences and representations of mental ill health
  Geographies of disability
  Geographies of gender
  The inclusion and exclusion of women in northern Canadian communities

Paulin Coulibaly, PhD (Laval) couliba@mcmaster.ca
  Climate variability
  Hydroclimatic modelling and forecasting
  Hydrology, hydrologic data assimilation
  Water resource

*Geographer
Alan P. Dickin, PhD (Oxford)  dickin@mcmaster.ca
    Crustal evolution in the Grenville Province of the Canadian Shield
    Radiogenic Isotope Geology
Carolyn H. Eyles, PhD (Toronto)  eylesc@mcmaster.ca
    Environmental geology
    Glaciomarine sedimentology
    Tectonic versus climatic controls on sedimentation in glaciated basins
Karen Kidd, PhD (Queen's)  karenkidd@mcmaster.ca
    Contaminants in Aquatic Food Webs
    Forest management and stream health
    Dams and dam removal
Kenneth Bruce Newbold1*, PhD (McMaster)  newbold@mcmaster.ca
    Aging issues
    Immigration: settlement, adjustment, and health
    Internal migration in Canada and the United States
    Mobility and transportation
Hector Antonio Paez*, PhD (Japan)  paezha@mcmaster.ca
    Health geography
    Spatial data analysis and statistics
    Transportation modelling
Eduard G. Reinhardt, PhD (Carleton)  ereinhar@mcmaster.ca
    Catastrophic event stratigraphy
    Geoarchaeology
    Geographic information systems
    Isotope geochemistry
    Marine archaeology
    Micropaleontology (foraminifera)
    Quaternary geology
    Paleoenvironmental analysis
Darren M. Scott*, PhD (McMaster)  scottdm@mcmaster.ca
    Active travel and sustainable transportation
    Activity-based approaches to travel analysis and modeling
    Built environment
    Geographic info systems for transportation (GIS-T)
Gregory F. Slater, PhD (Toronto)  gslater@mcmaster.ca
    Astrobiology, Geobiology
    Biodegradation and bioremediation
    Contaminant hydrogeology
    Environmental and Organic Geochemistry
    Stable isotope Geochemistry

1 Director
* Geographer
James E. Smith\textsuperscript{2}, PhD (Waterloo) \hspace{5mm} smithja@mcmaster.ca
- Multiphase flow through porous media
- Soil physics and hydrogeology
- Vadose zone hydrology
- Water flow and contaminant transport in the subsurface

James Michael Waddington\textsuperscript{*}, PhD (York) \hspace{5mm} wadding@mcmaster.ca
- Climate change and hydrology
- Peatlands, drought, wildfire, groundwater
- Watershed ecohydrology

Allison Williams\textsuperscript{*}, PhD (York) \hspace{5mm} awill@mcmaster.ca
- Therapeutic landscapes
- Informal/family caregiving
- Home/community health care
- Urban health/quality of life
- Health determinants
- Women's health
- Sense of place
- Rural health/care
- Health care services/policy
- Program planning and evaluation

Robert D. Wilton\textsuperscript{3*}, PhD (Southern California) \hspace{5mm} wiltonr@mcmaster.ca
- Geographies of addiction and mental health
- Geographies of disability
- Social geographies of exclusion

\textit{Associate Professors:}

Joseph I. Boyce, PhD (Toronto) \hspace{5mm} boycej@mcmaster.ca
- Climate and paleoenvironmental reconstruction using magnetic proxies
- Environmental (near-surface) Geophysics
- Environmental magnetism
- Paleomagnetism

Sang-Tae Kim, PhD (McGill University) \hspace{5mm} sangtae@mcmaster.ca
- Biomineralization
- Chemical Oceanography
- Cosmochemistry
- Experimental Geochemistry
- Marine and Aqueous Geochemistry
- Paleoclimatology
- Stable Isotope Geochemistry

\hspace{5mm} \textsuperscript{2} Associate Director, Graduate
\hspace{5mm} \textsuperscript{3} Associate Director, Undergraduate
\hspace{5mm} \textsuperscript{*Geographer}
Gita Ljubicic*, PhD (Toronto)  
gita.ljubicic@mcmaster.ca  
Community-engaged research for northern sustainability  
Human dimensions of environmental change  
Indigenous knowledge  
Inuit Nunangat (Inuit homelands)  
Northern governance and co-management  
Cross-cultural research ethics and methodologies

Suzanne Mills*, PhD (Saskatchewan)  
smills@mcmaster.ca  
Aboriginal identity and work in natural resource, labour and the environment  
Construction trades unions  
Equity and unions  
Gender

Maureen Padden, PhD (Tech Ins. Zurich)  
paddenm@mcmaster.ca  
Paleoceanography and paleoclimatology  
Sedimentary geology  
Stable isotope geochemistry  
Teaching and learning environments

Niko Yiannakoulias*, PhD (Alberta)  
iyannan@mcmaster.ca  
Agent-based modelling  
Crime geomatics  
Cluster detection methods and theory  
Child health  
Injury epidemiology  
Medical geography

Assistant Professors:

Melanie Bedore*, PhD (Alberta)  
bedorema@mcmaster.ca  
Urban and economic geography  
Geographies of globalization  
Social and cultural geography  
Socio-economic dynamics of cities  
Food access, inequality and urban life

Luc Bernier, PhD (McMaster)  
berniejm@mcmaster.ca  
Biological controls on climate change  
Environmental geochemistry of redox sensitive elements  
Geomicrobiology, Virology  
Global biogeochemical cycles

Alemu Gonsamo, PhD, (Helsinki)  
gonsamoa@mcmaster.ca  
Remote Sensing of Vegetation  
Phenology  
Global Change Ecology  
Terrestrial Carbon Cycle  
Climate Change Impact

*Geographer
Michael Mercier*, PhD (McMaster)  
mercieme@mcmaster.ca  
Changing social geographies of Canadian cities  
Pedagogical studies including the assessment of the effectiveness of teaching and learning methods  
Philosophies of teaching  
Teaching and learning environments  
Alexander Peace, PhD (Durham)  
peacea2@mcmaster.ca  
Structural geology  
Tectonic processes  
Applied geophysics  
Field geology  
Magmatism  
Seismic hazards  

Professors Emeriti:  
Andrew F. Burghardt, PhD (Wisconsin)  
burchard@mcmaster.ca  
Paul M. Clifford, PhD (London)  
crochet@ec.gc.ca  
James H. Crocket, PhD (MIT)  
crocketj@mcmaster.ca  
John Drake, PhD (McMaster)  
drake@mcmaster.ca  
John D. Eyles*, PhD (London)  
eyes@mcmaster.ca  
Derek C. Ford, DPhil (Oxford) F.R.S.C.  
dford@mcmaster.ca  
Douglas Grundy, PhD (McMaster)  
grundy@mcmaster.ca  
Fred L. Hall*, PhD (MIT)  
hallfl@mcmaster.ca  
Richard S. Harris*, PhD (Queen’s)  
harrisr@mcmaster.ca  
Leslie J. King, PhD (Iowa) F.R.S.C.  
kinglj@mcmaster.ca  
James R. Kramer, PhD (Michigan)  
kramer@mcmaster.ca  
Kao-Lee Liaw*, PhD (Clark University)  
riaw@mcmaster.ca  
Gerard V. Middleton, PhD (London) F.R.S.C.  
middleto@mcmaster.ca  
William A. Morris, PhD (Open U, UK)  
morriswa@mcmaster.ca  
Yorgos Y. Papageorgiou*, PhD (Ohio State)  
yorgos@mcmaster.ca  
William Jack Rink, PhD (Florida State)  
rinkwj@mcmaster.ca  
Michael J. Risk, PhD (Southern California)  
riskmj@mcmaster.ca  
Wayne R. Rouse, PhD (McGill)  
rouse@mcmaster.ca  
Henry P. Schwarcz, PhD (California)  
schwarcz@mcmaster.ca  
Roger G. Walker, DPhil (Oxford) F.R.S.C.  
wakerrg@cadvision.com  
Ming-Ko Woo, PhD (British Columbia)  
woo@mcmaster.ca  

Adjunct Professors:  
Howard Barker, PhD (McMaster)  
howard.barker@ec.gc.ca  
Jing Chen, PhD (Reading, UK)  
chenj@geog.utoronto.ca  
Susan J. Elliott*, PhD (McMaster)  
elliotts@mcmaster.ca  
Peter Kitchen*, PhD (McMaster)  
kitchen@mcmaster.ca  

*Geographer
Tim Lotimer  
Hanna Maoh*, PhD (McMaster)  
Dan McKenney, PhD (Australian National)  
Nidhi Nagabhatla, PhD (Pune, India)  
Matthias Peichl, PhD (McMaster)  
Michael Pisaric, PhD (Queen’s)  
Manzoor Qadir, PhD (Faisalabad)  
Dominique Rissolo, PhD (California)  
Corinne Schuster-Wallace*, PhD (Laurier)  
Amanjot Singh, PhD (Punjub Agricultural), Vladimir Smakhtin, PhD (Moscow)  
Matthias Sweet, PhD (McMaster)  
Martin Taylor*, PhD (Victoria)  
Lesley A. Warren, PhD (Toronto)  
Amin Yazdani, PhD (Waterloo)  

tim.lotimer@sympatico.ca  
amohhf@uwindsor.ca  
dan.mckennry@nrcan.gc.ca  
nidhi.nagbhatla@unu.edu  
matthias.peichl@slu.se  
mpisaric@brocku.ca  
Manzoor.Qadir@unu.edu  
dominique@waittinsttitute.org  
corinne.schusterwallace@gmail.com  
asimg@creditvalleyca.ca  
vladimir.smakhtin@unu.edu  
sweet@mcmaster.ca  
vpr@uvic.ca  
warrenl@mcmaster.ca  
yazdania@mcmaster.ca  

Associate Members:

Gavin Andrews*, PhD (Nottingham)  
Tristan Carter, PhD (UCL)  
James Dunn*, D Phil (Simon Fraser)  
Gail Krantzberg, PhD (Toronto)  
Sayedeh Razavi, PhD (Waterloo)  
Olive Wahoush, PhD (Toronto)  
John Weaver, PhD (Duke)  

andrews@mcmaster.ca  
stringy@mcmaster.ca  
dunnjam@mcmaster.ca  
krantz@mcmaster.ca  
razavi@mcmaster.ca  
wahousho@mcmaster.ca  
jweaver@mcmaster.ca  

Industry Professor:

John Maclachlan, PhD (McMaster)  

maclacjc@mcmaster.ca  

*Geographer
Department Offers

BA, BSc, MA, MSc, PhD  
Diploma in Geographic Information Sciences

Faculty

<table>
<thead>
<tr>
<th>Professors Emeriti:</th>
<th>E-mail Address:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gordon Handcock, PhD (Birmingham)</td>
<td><a href="mailto:ghandcoc@mun.ca">ghandcoc@mun.ca</a></td>
</tr>
<tr>
<td>Joyce Macpherson, PhD (McGill)</td>
<td><a href="mailto:jmacpher@mun.ca">jmacpher@mun.ca</a></td>
</tr>
<tr>
<td>Chesley Sanger, PhD (Dundee)</td>
<td><a href="mailto:csanger@mun.ca">csanger@mun.ca</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Honorary Research Professors:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>John Jacobs, PhD (Colorado)</td>
<td><a href="mailto:jjacobs@mun.ca">jjacobs@mun.ca</a></td>
</tr>
<tr>
<td>Christopher Sharpe, PhD (Toronto)</td>
<td><a href="mailto:casharpe@mun.ca">casharpe@mun.ca</a></td>
</tr>
<tr>
<td>Keith Storey, PhD (Western Ontario)</td>
<td><a href="mailto:kstorey@mun.ca">kstorey@mun.ca</a></td>
</tr>
<tr>
<td>Roger White, PhD (North Carolina)</td>
<td><a href="mailto:roger@mun.ca">roger@mun.ca</a></td>
</tr>
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<table>
<thead>
<tr>
<th>Professors:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Alistair Bath, PhD (Calgary)</td>
<td><a href="mailto:abath@mun.ca">abath@mun.ca</a></td>
</tr>
<tr>
<td>Trevor Bell, PhD (Alberta)</td>
<td><a href="mailto:tbell@mun.ca">tbell@mun.ca</a></td>
</tr>
<tr>
<td>Norm Catto¹, PhD (Alberta)</td>
<td><a href="mailto:ncatto@mun.ca">ncatto@mun.ca</a></td>
</tr>
<tr>
<td>Ratana Chuenpagdee², PhD, (British Columbia)</td>
<td><a href="mailto:ratanac@mun.ca">ratanac@mun.ca</a></td>
</tr>
<tr>
<td>Evan Edinger, PhD (McMaster)</td>
<td><a href="mailto:eedinger@mun.ca">eedinger@mun.ca</a></td>
</tr>
<tr>
<td>Arn Keeling, PhD (British Columbia)</td>
<td><a href="mailto:akeeling@mun.ca">akeeling@mun.ca</a></td>
</tr>
<tr>
<td>Charles Mather, PhD (Queen’s)</td>
<td><a href="mailto:cmather@mun.ca">cmather@mun.ca</a></td>
</tr>
<tr>
<td>Josh Lepawsky, PhD (Kentucky)</td>
<td><a href="mailto:jlepawsky@mun.ca">jlepawsky@mun.ca</a></td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Associate Professors:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dean Bavington, PhD (Wilfrid Laurier)</td>
<td><a href="mailto:dbavington@mun.ca">dbavington@mun.ca</a></td>
</tr>
<tr>
<td>Carissa Brown, PhD (Saskatchewan)</td>
<td><a href="mailto:carissa.brown@mun.ca">carissa.brown@mun.ca</a></td>
</tr>
<tr>
<td>Joel Finnis, PhD (Colorado)</td>
<td><a href="mailto:jfinnis@mun.ca">jfinnis@mun.ca</a></td>
</tr>
</tbody>
</table>

¹ Department Head  
² CRC Natural Resource Sustainability and Community Development (Tier II)
Assistant Professors:

Yolande Pottie-Sherman, PhD (British Columbia)  
ypottiesherm@mun.ca
Nicholas Lynch PhD (British Columbia)  
nicholasl@mun.ca

Term Appointments:

Dr. Gerald Singh PhD (British Columbia)  
geralds@mun.ca

Cross-Appointments:

Mario Blaser, PhD (McMaster)  
mblaser@mun.ca
Katleen Robert, PhD (Southampton)  
katleen.robert@mi.mun.ca
John Sandlos, PhD (York)  
jsandlos@mun.ca
Roza Tchoukaleyska (Sheffield)  
rozat@grenfell.mun.ca
Kelly Vodden, PhD (Simon Fraser)  
kvodden@grenfell.mun.ca
Sarah Martin PhD (Waterloo)  
sarahjmartin@mun.ca

Adjunct Professors:

Alec Aitken, PhD (McMaster)  
alec.aitken@usask.ca
Steve Bonnell, PhD (Dundee)  
stephen.bonnell@canada.ca
Craig Brown, PhD (Portsmouth)  
Craig.brown@nscc.ca
Donald Forbes, PhD (British Columbia)  
dlforges@mun.ca
Pam Hall, PhD (Memorial)  
p.hall@mun.ca
Colin Laroque, PhD (Victoria)  
colin.laroque@usask.ca
David Liverman, PhD (Alberta)  
liverman@mun.ca
Ian Turnbull, PhD (Chicago)  
ian.turnbull@card-arctic.ca
Rodolphe Devillers, PhD (Laval & Marne-la Vallée)  
rodolphe.devillers@ird.fr

Post-Doctoral Fellows:

Anne Irvine  
airvine@mun.ca
Emily Reid Musson  
eremusson@uwaterloo.ca
Daniel Banoub  
d.banoub@mun.ca
Susane Havelka  
susane.havelka@mail.mcgill.ca
Mohammad M. Islam  
mohammadmahi@mun.ca

Staff:

Glenn Crewe, GIS/RS Specialist  
gcrewe@mun.ca
Valarie James, Administrative Assistant  
vjames@mun.ca
Dominique Lavers, Science Technician III  
lavers@mun.ca
Pamela Murphy, Administrative Staff Specialist III  
pamela@mun.ca

3 CRC Northern Governance and Public Policy (Tier II)
Department Offers

BA (Geography); BA (Environmental Studies); BSc (Environmental Science); Minor (Geographic Information Systems)

Faculty

*Professors Emeritus:*

Peter Ennals, PhD (Toronto)  pennals@mta.ca
David J. Mossman, PhD (Otago)  dmossman@mta.ca

*Professors:*

Michael J. Fox, PhD (McGill)  mfox@mta.ca
  University-Community relations and student engagement
  Transportation issues
  Geographic education
  Community-based planning

Jeff Ollerhead, PhD (Guelph)  jollerhead@mta.ca
  Coastal geomorphology
  Saltmarsh restoration

Brad Walters¹, PhD (Rutgers)  bwalters@mta.ca
  Aquaculture and changing property rights in the Bay of Fundy
  Climate change politics and policy
  Human-environment interactions in mangrove forests in the Philippines
  Human-forest interactions in the Caribbean
  Research methodology in human ecology

*Associate Professors:*

Leslie Kern, PhD (York)  lkern@mta.ca
  Gentrification
  Gender and cities
  Emotional and embodied geographies
  Gender and work
  Neoliberal urbanism
  Urban revitalization

---

¹ Coordinator, Environmental Studies
Activism and resistance
David Lieske², PhD (Calgary)  dlieske@mta.ca
  Species distribution modelling
  Biodiversity monitoring and conservation
  Environmental hazard and risk assessment
  Geographic Information Systems
  Geovisualization
Tim Reiffenstein, PhD (Simon Fraser)  treiffen@mta.ca
  Japan
  Cultural industries
  Ramen geographies

Assistant Professors:

Holly Abbandonato, PhD (Pavia)  habbandonato@mta.ca
  Plant ecology
  Environmental policy
  Climate change
  Native seed quality and certification
  Grassland restoration
Joshua Kurek, PhD (UNB)  jkurek@mta.ca
  Aquatic ecology
  Past climate change
  Paleolimnology
  Environmental stressors and pollution
  Ecosystem monitoring of inland waters

Lab Instructor/Technician

Ben Phillips, MSc (Mount Allison University)  bphillips@mta.ca
  Climate change
  Acadian forest disturbance history
  Dendrochronology
  Dendroarchaeology
Christina Tardif (NBCC)  ctardif@mta.ca
  Geographic Information Systems
  Spatial Analysis
  Cartography

Adjunct Professors:

Zoe Finkel, PhD (Rutgers)  zfinkel@mta.ca
  Biological oceanography
  Climate change
  Macroecology and macroevolution
  Phytoplankton eco-physiology

² Geography and Environment Department Head
Melissa Grey, PhD (British Columbia)
Evolution
Paleontology
Invertebrates
UNESCO World Heritage

curator@jogginsfossilcliffs.ca
Department Offers

BA Geography, BA Environmental Geography, BSc Environment and Physical Geography, Certificate in Geomatics and Certificate in Environmental Management, and interdisciplinary graduate degrees: MES in Environmental Studies and MESC in Environmental Sciences

Faculty

Professors Emeriti:

Dave Rees, PhD (Ottawa)
Keith Topps, PhD (Kansas)

Professors:

E-mail Address:

John M. Kovacs¹, PhD (Western)
Remote sensing of wetlands and agriculture
johnmk@nipissingu.ca

April James, PhD (McGill)
Watershed and isotope hydrology
Hydrological modeling
aprilj@nipissingu.ca

Dan Walters², PhD (Western)
Agriculture
Harmful algal blooms
Water governance
danw@nipissingu.ca

Associate Professors:

Odwa Atari, PhD (Western)
Health Geography and GIS
Air pollution and modeling
odwaa@nipissingu.ca

Roman Brozowski, PhD (Western)
Economic development in Northern Ontario
romanb@nipissingu.ca

Kirsten Greer³, PhD (Queen’s)
Environmental history
Historical geography
kirsteng@nipissingu.ca

¹ Chair (Faculty information as of July 1, 2020)
² Associate Dean, Arts & Science
³ CRC Global Environmental Histories and Geographies
Sean O’Hagan, PhD (Western)  seano@nipissingu.ca
    Corporate and economic geography

Assistant Professors:

James Abbott, PhD (Duke)  jamesa@nipissingu.ca
    Highly variable environments
    Rural livelihoods
Leif Eric Mattson, PhD (Waterloo)  ericm@nipissingu.ca
    Snow and ice hydrology
David Rowbotham, PhD (Waterloo)  davidr@nipissingu.ca
    Natural hazards and terrain analysis

Instructors:

Mary Jackson, BEd (Nipissing)  maryj@nipissingu.ca

GIS Technologist:

Qingyuan (Chin) Xue, MGIS (Calgary)  chinx@nipissingu.ca
Department Offers

BA, BSc, MA, MPL, MSc, PhD, Geographic Information System – Certificate

Faculty

Professors Emeriti: E-mail Address:

Henry Castner, PhD (Wisconsin-Madison) hcastner@nc.rr.com
Children cartography and geographic education

Peter Goheen, PhD (Chicago) goheenp@queensu.ca
Historical
Urban

John Holmes, PhD (Ohio State) holmesj@queensu.ca
Urban and regional political economy
Economic geography
Labour geography

Hok-Lin Leung, PhD (Reading) leungh@queensu.ca
Land use planning
Urban design
Policy planning and evaluation
Cultural comparison

W. George Lovell, PhD (Alberta) lovellg@queensu.ca
Pedro de Alvarado and the Conquest of Guatemala, 1524-1548
Spaniards and Indians in colonial Guatemala
Historical geography of Spanish Central America

Gerald McGrath, MA (Cambridge) mcgrathg@queensu.ca
Eric Moore, PhD (Queensland) mooree@queensu.ca
Population
Urban
Public policy

Brian Osborne, PhD (Southampton) osborneb@queensu.ca
Historical
Cultural
Heritage studies

Mohammad Qadeer, PhD (Columbia) qadeerm@queensu.ca
Multiculturalism, cities and planning for diversity
Urban development and planning in the Third World
Barry Riddell, PhD (Pennsylvania State)  
  riddellb@queensu.ca  
  Third World underdevelopment, debt and conflict  
  Globalization and development  
  The World Bank and neoliberalism in Africa and the Caribbean  

Andrejs Skaburskis, PhD (Berkeley)  
  skabursk@queensu.ca  
  Urban spatial structure  
  Housing markets  
  Urban economy  

Rowland Tinline, PhD (Bristol)  
  tinliner@queensu.ca  
  Medical  
  Geographic information systems  
  Disease modelling  

Maurice Yeates, PhD (Northwestern)  
  mhyeates@yahoo.ca  

Professors:  

Laura Cameron, PhD (Cambridge)  
  cameron@queensu.ca  
  Cultures of nature  
  Historical geographies of science  
  Sonic methods  

DongMei Chen, PhD  
  (San Diego State/UC Santa Barbara)  
  chendm@queensu.ca  
  Geographic information systems  
  Remote sensing  
  Spatial analysis  
  Environmental management  

Betsy Donald, PhD (Toronto)  
  betsy.donald@queensu.ca  
  Urban and regional political economy  
  Economic geography  
  Urban governance  
  Cultural economies of food and food systems planning  

Anne Godlewska, PhD (Clark)  
  godlewsk@queensu.ca  
  Indigenous-Settler relations in Canada  
  Literary geographies  
  The history of geography  
  Colonialism and imperialism  
  The map and society  

David Gordon, D.Des. (Harvard)  
  david.gordon@queensu.ca  
  Suburbs in Canada, Australia and USA  
  Planning history, especially Ottawa  
  Capital cities  
  Urban redevelopment, especially waterfronts  
  Community design  

Audrey Kobayashi, PhD (UC Los Angeles)  
  audrey.kobayasi@queensu.ca  
  Activism  
  Social justice  
  Housing  
  Racism  
  Human rights
Feminism
Immigration
Critical disability studies
Law and geography, theory
Canada and Ireland
Melissa Lafrenière, PhD (Alberta) melissa.lafreniere@queensu.ca
  Biogeochemistry
  Hydrology
  Carbon and nutrient cycling in alpine and arctic catchments
Scott Lamoureux, PhD (Alberta) scott.lamoureux@queensu.ca
  Permafrost
  Geomorphology
  Hydrology and climate, especially in cold regions
Warren Mabee¹, PhD (Toronto) warren.mabee@queensu.ca
  Forests and energy
  Bioenergy and biofuel technology
  Regional energy systems
Beverley Mullings, PhD (McGill) mullings@queensu.ca
  Feminist political economy
  Decolonial geographies
  Labour geographies
  Neoliberal governance
  Social reproduction, diaspora, Caribbean
Mark Rosenberg¹, PhD (LSE) mark.rosenberg@queensu.ca
  Aging
  Population studies
  Health and medical geography
  Public policy
Paul Treitz², PhD (Waterloo) paul.treitz@queensu.ca
  Biophysical remote sensing of arctic and boreal environments
  Environmental monitoring using satellite optical and synthetic aperture radar (SAR) data
  Airborne laser scanning for forestry

Associate Professors:

Ajay Agarwal, M.Pl., PhD (USC, Los Angeles) ajay.agarwal@queensu.ca
  Travel behaviour of Generation Y
  Determinants of changes in urban spatial structure
  Promoting public transit in midsize Canadian cities
George Bevan, PhD (Toronto) bevan@queensu.ca
  Photogrammetry and computational photography
  Multi-spectral imaging (reflected UV and IR; UV/IR fluorescence)
  X-ray fluorescence
  Historic air photos
  Unmanned aerial vehicles

¹ Canada Research Chair
² Head (Faculty information as of July 1, 2020)
Geohazards and geotechnics
Computed tomography
Art conservation science
Syriac
Ecclesiastical politics and geography in late antiquity

Heather Castleden¹, PhD (Alberta), heather.castleden@queensu.ca
  Treaty rights, negotiations, and implementation
  Indigenous-Settler reconciliation
  Social-environmental justice and health equity
  Decolonizing, Indigenous, and participatory methodologies

Patricia Collins, PhD (Simon Fraser) patricia.collins@queensu.ca
  Healthy community planning
  Healthy built environments
  Sustainable mobility
  Complete communities
  Public goods
  Local governance and activism

Ryan Danby, PhD (Alberta) ryan.danby@queensu.ca
  Landscape ecology
  Biogeography
  Conservation biology
  Scale and hierarchy theory
  Arctic-alpine environments

John F. Meligrana³, PhD (Simon Fraser) jmeligra@queensu.ca
  Local government reform
  Regional governance
  Urban-rural fringe
  Urban planning and development in China

Neal Scott, PhD (Colorado) scottn@queensu.ca
  Terrestrial biogeochemistry
  Greenhouse gas dynamics in temperate and arctic ecosystems
  Land-use change
  Watershed dynamics

Graham S. Whitelaw, PhD (Waterloo) whitelaw@queensu.ca
  Environment and sustainability, focused primarily on three interrelated themes:
  regional planning, monitoring and environmental assessment
  Oak Ridges Moraine Conservation Plan

Assistant Professors:

Grace Adeniyi Ogunyankin, PhD (York). grace.adeniyiogunyankin@queensu.ca
  Neoliberal urbanism
  Gender and urban planning
  Postcolonial urbanism
  Cultural geography
  Youth geographies

¹ Canada Research Chair
³ Director of SURP
Emotional geographies

John Andrew, PhD (Toronto) andrewj@queensu.ca
- Commercial real estate financial feasibility analysis
- Environmental issues in buildings and land
- Conflict management and public consultation in real estate planning
- Real estate decision-making and investment strategy
- Transportation infrastructure development and public-private collaboration

Dan Cohen, PhD (UBC) dan.cohen@queensu.ca
- Economic geography
- Markets and marketization
- Geographies of education
- Urban public policy

Maxwell Hartt, PhD (Waterloo) m.hartt@queensu.ca
- Shrinking cities
- Economic decline
- Demographic change
- Aging
- Age-friendly cities
- Economic resilience

Christopher Omelon, PhD (Toronto) c.omelon@queensu.ca
- Microbial/aqueous geochemistry
- Geomicrobiology
- Hydrogeology
- Microbialites
- Endolithic habitats
- Polar landscapes
- Climate change

Carolyn Prouse, PhD (UBC) carolyn.prouse@queensu.ca
- Postcolonial and global urbanism
- Infrastructure
- Social reproduction
- Decolonizing geographies
- Critical race feminism

Laura Thomson, PhD (Ottawa) l.thomson@queensu.ca
- Glacier monitoring
- Arctic climate
- Ice dynamics
- Glacier mapping (photogrammetry, remote sensing)
- Ice-penetrating radar

Robert G. Way, PhD (Ottawa) robert.way@queensu.ca
- Physical geography
- Climatology
- Northern studies
- Cryospheric sciences
- Geophysics
- Numerical modelling
- Remote sensing
Department Offers

BA (Geographic Analysis), BA (Environment and Urban Sustainability), MSA (Spatial Analysis), Certificate in Applied Digital Geography and GIS, Advanced Certificate in Applied Digital Geography and GIS, Certificate in Crime Analytics

Faculty

Professors Emeriti:

David Dansereau, MA (Buffalo)
Doug Banting, PhD (Western Ontario)
Michael Doucet, PhD (Toronto)
Frank Duerden, MA (Manitoba)
Hersch Jacobs, PhD (Toronto)
Ron Goldsmith, MA (York, Canada)
Ian Lindsay, PhD (Toronto)
Dennis Mock, PhD (Toronto)
Nick Siller, MA (Western Ontario)
Marie Truelove, PhD (Toronto)

Professors: E-mail Address:

Michal Bardecki, PhD (York, Canada) bardecki@ryerson.ca
  Sustainable fashion
  Environmental education
  Nepal
  Valuation of wetlands and wetlands management

Harald Bauder¹, PhD (Wilfrid Laurier) hbauder@ryerson.ca
  Critical border studies
  Critical geographic practice
  Immigration in Canada and Germany
  Sanctuary and solidarity cities

Philip Coppack, PhD (Waterloo) pcoppack@ryerson.ca
  Globalisation and territory
  Environmental perception
  Statistical methods
  Economic geography

¹ Graduate Program Director, MA in Immigration and Settlement Studies
K. Wayne Forsythe\(^2\), PhD (Salzburg)  
forsythe@geography.ryerson.ca  
Assessing Great Lakes sediment contamination  
Geospatial analysis and geovisualization  
Change detection using remote sensing and GIS  

Claus Rinner, PhD (Bonn)  
crinner@ryerson.ca  
GIS-based multi-criteria decision analysis, area-based composite indices  
Public participation GIS, argumentation mapping  
Geovisualization, geospatial Web  
Open geospatial data, volunteered and crowdsourced geographic information  
GIS applications in public health, social policy, environmental analysis  

Lu Wang, PhD (York, Canada)  
luwang@ryerson.ca  
Consumption, culture, and identity  
GIS and health care  
Immigration and transnationalism  
Spatial modeling of accessibility  

Shuguang Wang, PhD (Alberta)  
swang@ryerson.ca  
Secondary migration of PNP immigrants—an evaluation of Canada’s Provincial Nominee Programs  
Spatial analysis of supermarkets in Toronto metropolitan area and the implications on food deserts  
Chinese and Indian immigrants in Canada: an analysis of their labour market performance  
A Comparative Analysis of Nanjing and Toronto for Their Urban Planning  

**Associate Professors:**  

David Atkinson\(^3\), PhD (Queen’s, Canada)  
datkinson@ryerson.ca  
Arctic ecology  
Biogeography  
Biophysical remote sensing of the Arctic  
Spatial analysis of Arctic ecosystems  

Brian Ceh, PhD (Western Ontario)  
bech@ryerson.ca  
Economic impact assessment of big box retailers at the neighbourhood scale  
Geography of innovation, new technology, and R&D  
Relocation/dislocation of residents in the urban gentrification process  
Spatial analysis of food banks and public housing  
Urban revitalization and business improvement areas  

Sara Edge, PhD (McMaster)  
sedge@ryerson.ca  
Immigrant and refugee health and well-being  
Environment and health  
Environmental justice and urban inequalities  
Collaborative governance and knowledge integration  
Socio-ecological systems  

---  
\(^2\) Past President, Canadian Association of Geographers - Ontario Division (CAGONT), Canadian Association of Geographers (CAG) and American Association of Geographers (AAG) University Representative  
\(^3\) Chair (Faculty information as of July 1, 2020)
Sutama Ghosh, PhD (York, Canada) sutama@ryerson.ca
Critical ‘race’ theory, postcolonial theory, and theories of space
Migration and settlement geographies, transnationalism, urban inequalities, particularly access to housing
Regional Geography of ‘South Asia’ with particular reference to India
Andrew Millward⁴, PhD (Waterloo) millward@ryerson.ca
Biogeography
Disturbance ecology (ice storms, wind storms, hurricanes)
Environmental applications of remote sensing
Land Geographic Information Systems (LGIS)
Urban forestry
Claire Oswald⁵, PhD (Toronto) coswald@ryerson.ca
Watershed hydrology and biogeochemistry
Pollutant fate and transport (e.g., mercury, chloride, nutrients)
Urban hydrology, water quality and land use
Spatial analysis of environmental systems
Chemical and isotopic tracer studies
Richard Shaker, PhD (Wisconsin - Milwaukee) rshaker@ryerson.ca
Sustainability Indicators
Sustainable Development
Landscape Ecology
Global Change
Landscape Planning
Eric Vaz, PhD (NOVA, Lisbon) evaz@ryerson.ca
Land use / land cover change modelling
Landscape metrics and environmental assessment
New methods in spatial perception, analysis and forecasting
The geography of regional economics
Urban growth and sprawl and impacts of urban footprint

Assistant Professors:

Jonathan Cinnamon, PhD (Simon Fraser) jcinnamon@ryerson.ca
Geographic Information Science
GIS and society
Data and society
Digital geographies
Health, urban, and development geographies
Evan Cleave⁶, PhD (Western Ontario) evan.cleave@ryerson.ca
Place branding and marketing
Local economic development planning, policymaking, and practice
Talent, migrant, and business attraction and retention
Patterns and impacts of the changing manufacturing landscape of Ontario

⁴ Undergraduate Program Director, Environment and Urban Sustainability
⁵ President, Canadian Geophysical Union - Hydrology Section
⁶ Treasurer, Canadian Association of Geographers - Ontario Division (CAGONT) and Chair of the CAG Urban Geography Study Group
Tor Oiamo, PhD (Western Ontario)  
  tor.oiamo@ryerson.ca
  Exposure assessment  
  Environmental modelling  
  Health risk assessment  
  GIS and spatial statistics  
  Health and medical geography

Greg Oulahen, PhD (Western Ontario)  
  greg.oulahen@ryerson.ca
  Human-environment interaction  
  Hazards, Flood  
  Risk, vulnerability  
  Climate change adaptation

Christopher Wellen, PhD (Toronto)  
  christopher.wellen@ryerson.ca
  Watershed hydrology and biogeochemistry  
  Watershed modelling and analysis  
  Environmental statistics and uncertainty analysis  
  Agroecosystem hydrology and water quality  
  Urban hydrology and water quality

**Acting Assistant Professors:**

Anne Spice, PhD Candidate (City University of New York)  
  aspice@ryerson.ca
  Indigenous land defense and queer Indigenous feminism  
  Resource extraction and settler colonialism  
  Climate change, environmental racism, colonial toxicity

Madeline Whetung, PhD Candidate (UBC - Vancouver)  
  madeline.whetung@ryerson.ca
  Decolonization, gender, race, law, and violence  
  Violence and harm across multi-scalar, intercultural, and interethnic queer relationships

**Contract Lecturers:**

Abednego Aryee, PhD (Wilfrid Laurier)  
  aaryee@ryerson.ca
  Leisure, recreation and tourism  
  Geopolitics and globalization  
  Sustainability Principles and Practices  
  Environmental Planning and Resource management  
  Environmental Impact Assessment  
  Geo-spatial data analysis and remote sensing

Valentina Capurri, PhD (York, Canada)  
  vcapurri@ryerson.ca
  Citizenship and identity  
  Geography of Toronto  
  Globalisation and territory  
  Immigration and transnationalism  
  Relocation/dislocation of residents in the urban gentrification process

Raymond Garrison  
  rgarrison@ryerson.ca

Michael MacDonald, MSA (Ryerson)  
  mmac@arts.ryerson.ca
  Geographic Information Systems/Science  
  GIS Programming
Mohammad Manshouri, PhD (Tehran)  
  manshouri@ryerson.ca  
  Water Quality, Treatment Processes, and Pollution Control  
  Wastewater Treatment and Reuse  
  Solid Waste Management  
  Sustainability, Climate Change, Environmental Studies

Jeanne Maurer, MA (Toronto)  
  jmaurer@ryerson.ca  
  Agriculture and the GTA  
  Globalization, world cities, and regional sustainability

Adjunct Professor:

Tony Lea, PhD (Toronto)  
  tony.lea@envirioncsanalytics.ca

Administrative Staff:

Lisa Benadiba  
  spatial@ryerson.ca  
  Graduate Program Administrator—Spatial Analysis

Christina Smith  
  csmith@ryerson.ca  
  Department Administrator

Mindy Vuong  
  mindy.vuong@ryerson.ca  
  Undergraduate Program Administrator—Environment and Urban Sustainability

Sarah Carmichael  
  sarah.carmichael@ryerson.ca  
  Undergraduate Program Administrator—Geographic Analysis
Department Offers

BA, BSc, MA in Geography, BES in Environmental Studies, and contributes courses and thesis supervision in Masters in Applied Science and Masters in Atlantic Canada Studies

Faculty

Professors Emeriti:

E. E. Douglas Day, PhD (Sheffield)
Robert J. McCalla, PhD (Hull)
Hugh Millward, PhD (Western Ontario)

Professors: E-mail Address:

Catherine Conrad, PhD (Wilfrid Laurier) cconrad@smu.ca
Community-based environmental monitoring
Water quality and watershed management
Perceptions of climate change and environmental change
Sub-Saharan Africa: Clandestine migration

Philip Giles, PhD (Calgary) philip.giles@smu.ca
Morphology of alluvial fans
Morphometric analysis of digital elevation models
Analysis of remotely-sensed images for geomorphological interpretation

Cristian Suteanu, PhD (Bucharest) cristian.suteanu@smu.ca
Environmental system analysis and modeling:
climate variability, natural hazards, renewable energy
Information processes in environmental systems

Danika van Proosdij, PhD (Guelph) dvanproo@smu.ca
Coastal climate change vulnerability assessment and adaptation
Coastal geomorphology and morphodynamics
Natural Infrastructure
Saltmarsh biophysical processes
Geomatics and remotely piloted aircraft systems
Associate Professors:

Jason Grek-Martin¹, PhD (Queen’s)  jason.grekmartin@smu.ca
   Historical and cultural geographies of
tourism in Nova Scotia and beyond
   Nature, place, and meaning in Halifax parks
   Survey science and statecraft in
   the 19th-century Canadian West
Min-Jung Kwak, PhD (University of BC)  min-jung.kwak@smu.ca
   Globalization and transnational migration
   International education industry
   Immigrant entrepreneurship
   Immigrant health care services
Mathew Novak, PhD (Western Ontario)  m.novak@smu.ca
   Urban planning & development
   Retail geography
   The built environment/urban morphology

Adjunct Professors:

Thomas Bouman, PhD (Göttingen)  thomas_bouman@cbu.ca
   Sustainable agriculture: soil organic
   matter and nutrients in perennial pasture
   Sustainable forestry: tree diversity in forests; advance regeneration of tree
   species; willow short rotation coppice; soil acidification, soil amelioration
   Participatory development of agriculture and forestry
Peter Bush, PhD (Western Ontario)  peter.bush@novascotia.ca
   Landscape ecology
   Old-growth forests
   Geomatics
   Protected areas
Michael Fox, PhD (McGill)  mfox@mta.ca
   University-community relations
   Transportation issues
   Geographic education
   Community-based planning
Ryan Gibson, PhD (Memorial)  gibsonr@uoguelph.ca
   Rural development
   Economic geography
   Governance
Gavin Mason, PhD (University of Guelph)  gavin.mason@canada.ca
   Marine environmental geoscience
Kate Sherran  kate.sherran@dal.ca
   Rural social science
   Sustainability transitions
   Landscape change
   Visual and spatial methods

¹ Chair
Karen Harper, PhD (Alberta)  karen.harper@smu.ca
Plant biogeography
Forest edges
Landscape heterogeneity
Spatial pattern analysis
Department Offers

BA, BSc, BEnv, MA, MSc, PhD

Faculty

Professors Emeriti:


Retired:

Robert Horsfall, Ian Hutchinson, Paul M. Koroscil, Janet Sturgeon, Ivor Winton

Professors: E-mail Address:

Nicholas Blomley, PhD (Bristol) blomley@sfu.ca
Law
Space and power
Property and space

Tracy Brennand¹, PhD (Alberta) tabrenna@sfu.ca
Application of shallow geophysical surveys to geomorphic problems
Glacial geomorphology and sedimentology
Paleoenvironmental change
Paleoglaciology
Paleohydrology
Quaternary environments

Alex Clapp, PhD (UC Berkeley) aclapp@sfu.ca
Forest conservation and conflict resolution
Carbon pricing and climate change mitigation
Environmental science, policy and open data

Valorie Crooks, PhD (McMaster) crooks@sfu.ca
Disability and chronic illness
Medical tourism
Palliative health and social care
Primary health care

¹ Chair
Suzana Dragicevic, PhD (Montreal) suzanad@sfu.ca
GIS and GIScience
Modeling spatial dynamic processes
Complex systems, AI and soft computing
Modeling land use and land cover changes

Meg Holden, PhD (New School for Social Research) mholden@sfu.ca
Urban planning and policy
Urban environmental philosophy
Social learning
Sustainable development and climate change planning
Waterfront redevelopment projects

Peter Keller², PhD (Western Ontario) cpkeller@sfu.ca
Spatial analysis and decision support
Geographic Information Sciences
Health Geography
Tourism

Paul Kingsbury³, PhD (Kentucky) kingsbury@sfu.ca
Cultural Geography
Psychoanalysis
Social theory
Paranormal cultures

Lance Lesack, PhD (UC Santa Barbara) lllesack@sfu.ca
Biochemistry of lakes in the MacKenzie Delta
Ecosystem biogeochemistry
Land and water interactions
Limnology

Geoff Mann, PhD (UC Berkeley) geoffm@sfu.ca
Macroeconomic policy
Poverty & unemployment
Politics of climate change
Political economy

Eugene McCann, PhD (Kentucky) emccann@sfu.ca
Geographies of policy mobilities
Urban politics and policy-making
Geographies of drug policy
Urban development

Nadine Schuurman, PhD (British Columbia) nadine@sfu.ca
Spatial epidemiology
Health geography
Critical GIScience
GIS
Ontologies

² Special Advisor to the Executive on Academic Planning
³ Associate Dean, Undergraduate
Jeremy Venditti, PhD (British Columbia)  
Fluvial geomorphology  
River dynamics  
Hydroacoustics  
Morphodynamic modelling

**Associate Professors:**

Nick Hedley, PhD (Washington)  
Augmented reality  
Cartography  
Geographic information science  
Geospatial interface research  
Geospatial virtual environments  
Geovisualization  
Serious games for geospatial applications  
Spatial cognition

Margaret Schmidt, PhD (British Columbia)  
Digital and predictive soil mapping  
Forest soils/forest ecology  
Rehabilitation of degraded soils  
Soil-plant relationships  
Spatial patterns of soil properties  
Developing educations tools for soil science

Kirsten Zickfeld, PhD (Potsdam)  
Climate science  
Earth system modeling  
Climate-carbon cycle feedbacks  
Carbon budget  
Climate tipping points

**Assistant Professors:**

Rosemary Collard, PhD (British Columbia)  
Political ecology  
Feminist political economy  
Capitalism  
Wildlife management  
Biodiversity loss

May Farrales, PhD (British Columbia)  
Queer geographies  
Racial geographies  
Diaspora and migration

William (Jesse) Hahm, PhD (UC – Berkeley)  
Hydrology  
Geomorphology  
Forest ecology
Bing Lu, PhD (Toronto)  
Remote sensing  
Ecosystem modelling  
Coastal dynamics  
Environmental change  
Spatial analysis.

Margaret Ramirez, PhD (Washington)  
Racial geographies  
Social justice movements  
Urban and cultural geographies  
Decolonial geographies

**Senior Lecturer:**

Shivanand Balram, PhD (McGill)  
Spatial Information Science  
Quantitative Geography  
Spatial Decision Making

**Lecturers:**

Tara Holland, PhD (Guelph)  
Science education  
Climate change adaptation

Andrew Perkins, PhD (Simon Fraser)  
Hazards  
Geochronology  
Paleoglacialology

**Associate Members:**

Martin Andresen, PhD (British Columbia)  
Applied spatial statistics  
Spatial crime analysis  
Crime and place

Yildiz Atasoy, PhD (Toronto)  
Global political economy  
Political sociology  
State restructuring  
Social change and development  
Political economy of agrifood systems  
Neo-liberal urbanism

Clint Burnham, PhD (York University)  
Cultural Studies  
Psychoanalytic theory  
Contemporary poetry
Jeff Derksen, PhD (Calgary)  
jderksen@sfu.ca
- Urbanism and literature
- Social housing
- Gentrification
- Globalization & neoliberalism

Peter Hall, PhD (UC Berkeley)  
pvhall@sfu.ca
- Port cities
- Logistics
- Employment
- Community development
- Urban economies

Pascal Haegeli, PhD (British Columbia)  
phaegeli@sfu.ca
- Avalanche risk management
- Backcountry recreation
- Risk communication
- Climate change

Kirsten McAllister, PhD (Carleton)  
kmcallis@sfu.ca
- Racialization, anti-colonialism and political violence
- Memory Studies
- Visual Studies
- Refugee Studies
- Japanese Canadian Internment
- Autoethnography

Kendra Strauss, PhD (Oxford)  
kstrauss@sfu.ca
- Labour geography
- Economic geography
- Feminist political economy
- Social reproduction
- Legal geography
- Pensions

Joseph E. Taylor III, PhD (Washington)  
taylorj@sfu.ca
- Environmental history of fisheries
- Recreation
- Gentrification
- Outdoor sports
- Public lands

Adjunct Professors

Jeremy Fyke, PhD (Victoria University of Wellington)  
jeremy.fyke.eccc@gccollaboration.ca
- Climate change modelling and application

Nathan Gillet, D. Phil (Oxford)  
Nathan.Gillett@ec.gc.ca
- Climate change modelling and attribution

Brandon Heung, PhD (Simon Fraser)  
Brandon.Heung@dal.ca
- Soil science
- GIS
- Spatial analysis and modelling
- Digital soil mapping
- Machine Learning
Olav Lian, PhD (Western Ontario)  olav.lian@ufv.ca
  Quaternary sedimentology and stratigraphy
  Luminescence dating

Christiana Miewald, PhD (Kentucky)  cmiewald@sfu.ca
  Food security
  Urban agriculture
  Gender and sexuality
  Gentrification

Lenore Newman, PhD (York)  lenore.newman@ufv.ca
  Food security
  Sustainable cities
  Culinary geography
  Nature/culture interface

Laura Pulido, PhD (UC-Los Angeles)  lpulido@uoregon.edu
  Critical human geography
  Race, environmental justice, labor
  Chicana/o studies
  Popular education

Janet Sturgeon, PhD (Yale)  sturgeon@sfu.ca
  Environmental politics
  Governance, ethnicity, and land use transformations
  on the borders of China, Laos, Burma and Thailand
  Political ecology

Kevin Ward, PhD (Manchester)  kevin.ward@manchester.ac.uk
  Economic development
  Policy mobilities
  Urban and regional policy economy
The King’s University  
Geography Program  
9125 50 Street NW, Edmonton, AB T6B 2H3  
(780) 465-3500 Ext. 8081 — Fax (780) 465-3534  
E-Mail: nancy.burford@kingsu.ca  
Website: https://www.kingsu.ca/programs/geography  
______________________________________________________________________  
Department Offers  
BA and BSc in Environmental Studies, Geography minor only  
Faculty  
Associate Professor:  
Joanne M. Moyer, PhD (Manitoba) joanne.moyer@kingsu.ca  
Environmental sustainability within faith communities  
Learning for sustainability (Transformative Learning Theory)  
Community-based sustainability initiatives, public participation, and governance  
Associate Professor:  
Michael Ferber, PhD (West Virginia) michael.ferber@kingsu.ca  
Geography of Religion; Religion & the Environment; Pilgrimage  
Poverty and International Development  
Geographic Education; Student Development  
Professor Emeritus (2020):  
Harry Spaling, PhD (Guelph) harry.spaling@kingsu.ca  
Sustainability of rural resource-based livelihoods in East Africa  
Community-based environmental assessment of NGO development projects  
African creation wisdom  
Environmental Studies Internship Program Coordinator  
Nancy Burford, B.Des.(ACAD), Career Development Certificate (Concordia)  
Environmental career development nancy.burford@kingsu.ca
Department Offers

BA in Geography and Environmental Studies, BA in Geography and Environmental Studies – Physical Geography, BA (Hons.) in Geography and Environmental Studies, MSc in Environmental Science

Faculty

Professors:  
Darryl Carlyle-Moses, PhD (Toronto)  
Ecohydrology  
Micrometeorology  
Urban hydrology and meteorology

Michael Mehta, PhD (York)  
Air quality  
Citizen science  
Risk  
Renewable energy  
Sustainability

E-mail Address:

dcarlyle@tru.ca

mmehtha@tru.ca

Associate Professors:

David Hill, PhD (Illinois at Urbana-Champaign)  
Data mining  
Environmental sensing  
Statistical methods

Gilles Viaud, PhD (Saskatchewan)  
Quality of life in small cities  
Social structural of urban residential areas  
Urban residential changes in Canada

gviaud@tru.ca

Tom Waldichuk¹, PhD (York)  
Geography of Japan  
Rural-urban fringe  
Field education  
Rural Sustainability

twaldichuk@tru.ca

¹ Chair (as of September 5, 2018)
Associate Teaching Professor:

Crystal Huscroft, MSc (Simon Fraser)  chuscroft@tru.ca
Periglacial geomorphology
Web atlas development
Augmented reality field trips for the geosciences

University Instructor:

Kim Naqvi, PhD (Wilfrid Laurier)  knaqvi@tru.ca
Sustainable development theory and practice
Changing economic and cultural landscapes
Colonial and post-colonial geography
The Americas
Department Offers

BA & BSc Geography, BA & BSc joint-diploma program in GIS with Fleming College, BA
& BSc with Emphasis in Northern and Polar Studies, and interdisciplinary graduate
degrees: MA & MSc in Applied Modelling and Quantitative Methods, MA in Canadian
Studies and Indigenous Studies, PhD in Canadian Studies, MA & PhD Collaborative
Specialization in Aging Studies, MSc & PhD in Environmental and Life Sciences, and MA
in sustainability studies.

Faculty

Professors Emeriti:  
E-mail Address:

Alan G. Brunger, PhD (Western Ontario)  
abrunger@trentu.ca
  Heritage landscapes and regions – recording and interpretation
  Historical geography of Ontario

Frederick M. Helleiner, PhD (Western Ontario)  
fhelleiner@trentu.ca

John S. Marsh, PhD (Calgary)  
jmarsh@trentu.ca
  History of the Dee Estuary, England
  History, planning and management of national and provincial parks
  and World Heritage Sites
  History, planning, management, use and impact of recreation trails
  The identification, protection, and interpretation of cultural landscapes
  Tourism and heritage in Chile

George A. Nader, PhD (Durham)  
gnader@trentu.ca
  A History of the Syrian-Lebanese Community in Trinidad and Tobago

Colin H. Taylor, PhD (McGill)  
ctaylor@trentu.ca

Professors:

Shaun Watmough¹ (Liverpool John Moores)  
swatmough@trentu.ca
  Ecosystem responses to environmental stress
  Impacts of acid rain, climate change, nutrient depletion,
  forestry and metals on forest and lake ecosystems

James Buttle PhD (Southampton)  
jbuttle@trentu.ca
  Forest hydrology
  Hydrological effects of land use change
  Solute transport in the unsaturated zone

¹ Director of the Trent School of the Environment
Steven E. Franklin, PhD (Waterloo)  
sfranklin@trentu.ca  
Remote sensing, environmental management, habitat and biodiversity mapping

Peter M. Lafleur, PhD (McMaster)  
plafleur@trentu.ca  
Atmosphere-biosphere energy exchange on arctic tundra ecosystems  
Energy water and carbon fluxes from boreal wetlands

Cheryl L. McKenna Neuman, PhD (Queen’s)  
cmckneuman@trentu.ca  
Aeolian bedforms  
Mechanics of sediment transport  
Wind tunnel simulation of aeolian processes and dust emission

Heather N. Nicol, PhD (Queen’s)  
heathernicol@trentu.ca  
Economic development and regionalism in Canada  
Geopolitics and security in the Circumpolar North  
Geopolitics of Canada’s Cuban foreign policy  
Neoliberalism, globalization and Caribbean integration  
North American borders post-9/11

Mark W. Skinner, PhD (Queen’s)  
markskinner@trentu.ca  
Canada research chair in rural aging, health and social care  
Geographies of aging and geographical gerontology  
Geographies of voluntarism (case studies, discourse, policy, theory)  
Health geography (community care, health services, older populations)  
Rural aging and aging rural communities (Canada, international)

Associate Professors:

M. Catherine Eimers, PhD (Waterloo)  
ceimers@trentu.ca  
Hydroclimatic change and water quality  
Soil controls on water quality  
Urban hydrology and biogeochemistry

Roger M. Picton, PhD (Toronto)  
rogerpicton@trentu.ca  
Craft brewing and brewing post-industrial redevelopment  
Fieldwork and pedagogy in human geography  
Waterfront planning in small mid-sized cities  
Post-industrial redevelopment

Raul Ponce-Hernandez, D Phil (Oxford)  
rponce@trentu.ca  
Applications of remote and proximal sensing to natural resource assessment  
Dynamic simulation and spatial modelling of soil properties and of climate change impacts  
Farming systems and precision agriculture  
GIS applications to land and watershed resources inventories and assessment.

Susan E. Wurtele, PhD (Queen’s)  
swurtele@trentu.ca  
Canadian immigration policy and immigrant assimilation  
Children’s geographies  
Historical geography of the Canadian Prairies  
Immigrant handicrafts and folk culture in Canada  
Urban transportation and environmental sustainability
Department Offers

BA (Geography), BA (Environmental Studies), BSc (Environmental Science)

Faculty

Professor Emeritus:  
Carl Tracie, PhD (Alberta)  
ntracie@twu.ca  
Doukhobor village settlement in western Canada  
Landscape and literature in western Canada

Professors:

Paul Brown¹, PhD (University of Idaho)  
paul.brown@twu.ca  
Plant natural products (e.g., glucosinolates, saponins)  
Chemical ecology  
Soils, agriculture, environmental chemistry

David Clements², PhD (Queen’s)  
clements@twu.ca  
Ecology of invasive plants and other species  
Restoration ecology focusing on Garry oak ecosystems

Associate Professors:

Geraldine Jordan, PhD (Simon Fraser)  
geraldine.jordan@twu.ca  
Landscape ecology and GIS  
Health geography

Karen Steensma², MS (Western Washington)  
steensma@twu.ca  
Ecologically sustainable management of bird damage to agriculture  
Conservation of the Oregon forest snail (Allogona townsendiana)

Bruce Shelvey³, PhD (Arizona State)  
shelvey@twu.ca  
Environmental history

¹ Cross-appointed with Department of Chemistry  
² Cross-appointed with Department of Biology  
³ Cross-appointed with Department of History
Assistant Professors:
David Jordan, MA (Victoria)  davidj@twu.ca
   Dendrochronology
   Dendroecology of Garry oak (Quercus garryana)
   Birch (Betula papyrifera) decline in southern British Columbia
Maxwell Ofosuhene, PhD (Saskatoon)  maxwell.ofosuhene@twu.ca
   Community/regional development strategies
   Rural and urban home-based business

Part-Time Instructors:
Christopher Hall,  Christopher.Hall@twu.ca
   Land Manager and Instructor
Aimee McGowan,  Aimee.mcGowan@twu.ca
   Land Use Planner
Stuart Jones, MCIP, RPP  Stuartjo@telus.net
   Senior Policy and city Planner
Scott McQuarrie,  sdmcquarrie@yahoo.ca
   President of URISA BC

Adjunct Faculty:
Jamie Spinney, PhD (McMaster)  jamie.spinney@smu.ca
   Sustainable cities
   Active transportation
   Time geography
   Physical activity

Staff:
Jayne Cummins (Executive Assistant)  Jayne.Cummins@twu.ca
Liz Robertson (Executive Assistant)  Liz.Robertson@twu.ca

4 Academic Coordinator, Physical Geography Program
5 Department Chair (Faculty information as of July 1, 2016)
Le département n’offre

Aucun programme d'études de 2e et 3e cycles. Cependant, il participe au programme de Maitrise en études de l’environnement (MEE).

Personnel enseignant (Edmundston, Moncton, Shippagan)

Professeurs titulaires :

Guillaume Fortin\(^1\), Ph. D. (INRS)  
Adresse électronique : guillaume.fortin@umoncton.ca  
Analyse de la variabilité des événements climatiques extrêmes au N.-B. et dans l'état du Paraná, Brésil

Serge Jolicoeur\(^1\), Ph. D. (UQAM)  
Adresse électronique : serge.jolicoeur@umoncton.ca  
Gestion des risques d’inondation au N.-B., en France et au Brésil

Professeurs agrégés :

André Robichaud\(^2\), Ph. D. (Laval)  
Adresse électronique : andre.j.robichaud@umoncton.ca  
Évolution et résilience du milieu physique de la Péninsule acadienne : zones à risque, érosion, submersion/inondation, déplacement du trait de côte, évolution des falaises, changement climatique, photogrammétrie à haute précision.

\(^1\) Campus de Moncton
\(^2\) Campus de Shippagan
Majella Simard, Ph. D. (UQAR) majella.simard@umoncton.ca
La coopérative de solidarité La Barque: un vecteur d'innovation sociale et de développement territorial au sein de la région Chaleur;
Évaluation et pérennisation sociocommunautaire de la démarche Municipalités et Communautés amies des aînés (MADA-CADA) au Nouveau-Brunswick (en collab. avec Mario Paris);
Conditions géo-socio-économiques et déterminants sociaux de la santé des aînés francophones en situation minoritaire en Ontario et au Nouveau-Brunswick (en collab. avec Louise Bouchard (Université d'Ottawa) et Martin Durand (Patrimoine canadien);
Le processus de dépeuplement continu dans la perspective d'un aménagement territorial durable : enjeux et impacts sur la reconfiguration spatiale du tissu de peuplement au Québec
Guy Vincent, Ph. D. (Laval) guy.vincent@umoncton.ca
Développement urbain du Grand Moncton
Évolution spatiale du hockey professionnel nord-américain
La mobilité résidentielle dans les villes centrales
La réaffectation des sols industriels en ville centrale
Le marché du logement des villes centrales et les différentes formes de gentrification
Les transformations sociales dans les villes centrales

Chargés et chargée de cours :
Armand LaRocque, Ph. D. (Montréal) armand.larocque@umoncton.ca
Cartographie de la couverture végétale et des zones humides du Nouveau-Brunswick, à partir d'images satellitaires
Cartographie des zones inondables du Nouveau-Brunswick, à partir d'images satellitaires
Cartographie de la zostère marine dans l'est du Canada, à partir d'images acquises avec l'aide d'un drone et par satellite.
Cartographie de l'évolution de la végétation dans des marais salés en voie de restauration dans l'est du Canada, à partir d'images acquises avec l'aide d'un drone et par satellite.

1 Campus de Moncton
2 Campus de Shippagan
3 Directeur du Département d'histoire et de géographie
Programmes d'études avancées

Microprogramme en géomatique et analyse spatiale, DESS en géographie et études environnementales, MSc en géographie avec mémoire ou stage, PhD

Personnel enseignant

Professeurs émérites :

Rodolphe De Koninck, PhD (Singapour) 
Agrarian geography
Rodolphe.de.koninck@umontreal.ca

Pierre J.H. Richard, PhD (Montpellier) 
Phytogeography / Paleoecology
pierre.richard@umontreal.ca

André Roy
Fluvial geomorphology
andre.roy@umontreal.ca

Professeurs titulaires :

François Cavayas, PhD (Laval) 
Remote sensing
Geographic information systems
francois.cavayas@umontreal.ca

Claude Comtois, PhD (Hong Kong) 
Transportation
China
claude.comtois@umontreal.ca

Paul Comtois, PhD (Laval) 
Aerobiology
Palyngology
Aeromycology
paul.comtois@umontreal.ca

François Courchesne PhD (McGill) 
Soil science
Biogeochemistry
francois.courchesne@umontreal.ca

Professeurs agrégés :

Olivier Blarquez, PhD (EPHE) 
Biogeo science
Paleoecology
Geographies of fire
Disturbance ecology
olivier.blarquez@umontreal.ca

Daniel Fortier, PhD (Laval) 
Cold regions geomorphology
daniel.fortier@umontreal.ca
Kathryn Furlong, PhD (UBC)  
kathryn.furlong@umontreal.ca  
Canada Research Chair in Water and Urbanization

Francois Girard, PhD (Laval)  
francois.girard@umontreal.ca  
GIScience  
Biogeography  
Forestry

Nicole Gombay, PhD (Queen’s)  
nicole.gombay@umontreal.ca  
Economic geography  
Indigenous geographies

Thora Martina Herrmann, PhD (Oxford)  
thora.martina.herrmann@umontreal.ca  
Indigenous geographies  
Biodiversity

Violaine Jolivet, PhD (Sorbonne)  
violaine.jolivet@umontreal.ca  
Urban geography  
Mobility  
Caribbean

Patricia M. Martin¹, PhD (Colorado)  
patricia.martin@umontreal.ca  
Development  
Gender  
Political violence  
Latin America

Liliana Perez, PhD (Simon Fraser)  
l.perez@umontreal.ca  
GIScience,  
Complexity theory  
Forest dynamics

Oliver Sonnentag, PhD (Toronto)  
oliver.sonnentag@umontreal.ca  
Canada Research Chair in Atmospheric biogeosciences at high latitudes

Julie Talbot, PhD (McGill)  
j.talbot@umontreal.ca  
Biogeography  
Environmental change  
Modeling

Professeurs adjoints :

Gabriel Fauveaud, PhD (Sorbonne)  
gabriel.fauveaud@umontreal.ca  
Southeast Asia  
Urban geography  
Governance  
Social geography

King James Stephen, PhD (Guelph)  
js.king@umontreal.ca  
Aeolian geomorphology  
Arid regions

Sebastien Nobert, PhD (Edinburgh)  
s.nobert@umontreal.ca  
Political ecology  
Geographies of risk

¹ Directrice (information sur la Faculté, 29 août 2017)
Sébastien Rioux, PhD (York)  s.rioux@umontreal.ca
  Canada Research Chair in the political economy of food and well-being
Luna Vives, PhD (British Columbia)  luna.vives@umontreal.ca
  International migration
  Borders
  Political geography

Professeurs associés :
Nicolas Bélanger, PhD (McGill)
Christopher Bryant, PhD (LSE)
Claude Marois, PhD (Laval)
Ridha Touzi, PhD (Toulouse)
Programmes d'études offerts

Baccalauréat en géomatique appliquée à l'environnement
Microprogramme de 1er cycle en géographie
Microprogramme de 1er cycle en géomatique appliquée
Microprogramme de 2e cycle en sciences géomatiques
Diplôme d'études supérieures spécialisées de 2e cycle en géomatique appliquée
Maîtrise en sciences géographiques incluant cinq cheminement : géodéveloppement durable avec formation en géomatique (type cours), géodéveloppement durable sans formation en géomatique (type cours), environnements géographiques (type recherche), en géomatique (type recherche), en télédétection (type recherche).

Département de géomatique appliquée

Professeurs titulaires :  Adresse électronique :

Richard Fournier, PhD (Laval)  Richard.Fournier@USherbrooke.ca
Évaluation, modélisation et extraction de paramètres structuraux de peuplements forestiers à l’aide d’un LiDAR terrestre (3D) : évaluation des paramètres de la tige, du houppier, de la surface foliaire et de la distribution des éléments du couvert
Amélioration des méthodes de cartographie des attributs forestiers à l’aide des données LiDAR (terrestre, sur drone et aéroporté) et des images satellitaires
Cartographie, mesures et modélisation d’attributs structurels de la forêt et des arbres, tels que les attributs de la fibre de bois, l’indice de surface foliaire, la biomasse, le volume ligneux, le défilement des tiges, etc.
Utilisation des outils géomatiques pour la gestion par bassin versants ou des eaux récréatives
Cartographie des zones de conservation

Lynda Bellalite, PhD (Montréal)  Lynda.Bellalite@USherbrooke.ca
Étude des conditions optimales correspondant aux différentes limites de vitesse en milieu urbain

Kalifa Goïta, PhD (Sherbrooke)  Kalifa.Goita@USherbrooke.ca
Étude des variations de niveau d’eau de surface en milieu hétérogène par altimétrie satellitaire (Topex-Poseidon, Jason, Envisat, Icesat)
Estimation de l’humidité du sol au moyen de mesures au sol et de données micro-ondes passives aéroportées et satellitaires dans le cadre de la validation de données SMOS
Estimation du contenu en eau de la végétation et intégration de la télédétection
dans les modèles de propagation des feux de forêts
Utilisation des micro-ondes passives et de l'altimétrie par satellite pour
l'estimation de l'épaisseur et du contenu en eau de la neige
Biomasse et carbone des formations forestières tropicales
Analyse de données géoscientifiques et de télédétection multisources combinés
à des relevés conventionnels, pour des fins d'exploration minière
Synergie des mesures spectrales pour l'aide à la décision en viabilité hivernale
(conditions de la chaussée)

Yannick Huot, PhD (Dalhousie) Yannick.Huot@USherbrooke.ca
Télédétection de la couleur de l'océan et modélisation de la production primaire
Physiologie du phytoplancton en laboratoire
Photochimie marine en Arctique (échanges eau-atmosphère, changements climatiques)
Observation automatisée du plancton en milieu lacustre
Télédétection et modélisation de la fluorescence naturelle

Ramata Magagi, PhD (Institut de mécanique des fluides) Ramata.Magagi@USherbrooke.ca
Validation de données micro-ondes passives de la mission spatiale SMOS
Estimation de l'humidité du sol par micro-ondes passives aéroportées et satellites
Modélisation des paramètres physiques terrestres

Alain Royer, PhD (Grenoble) Alain.Royer@USherbrooke.ca
Suivi et estimation par satellite de la couverture de neige, de la réserve en eau de la neige et des températures du sol
Fusion de données infrarouge thermique et micro-onde
Développement de méthodes de suivi de l'environnement nordique dans un contexte de changements climatiques
Détection de feux de forêts
Étude des aérosols atmosphériques et suivi de la qualité de l'air par télédétection

Jérôme Théau, PhD (Laval) Jerome.Theau@USherbrooke.ca
Analyse multi-échelle et développement de méthodes de caractérisation des réseaux et des corridors écologiques
Exploitation de données de télédétection à très hautes résolutions spatiale et temporelle, acquises par aéronefs sans pilote (drones), pour l'agriculture de précision, l'inventaire faunique et la photogrammétrie
Suivi de l'intégrité écologique des aires protégées
Caractérisation spatio-temporelle des biens et services écologiques

Professeur agrégé :

Alexandre Langlois, PhD (Manitoba) Alexandre.Langlois2@USherbrooke.ca
Les effets des changements climatiques sur le pergélisol, le couvert nival et la toundra, lacs et rivières et géosystèmes dans le but de trouver des solutions et stratégies d'adaptation pour les communautés nordiques.
La quantification des incertitudes relatives à la détermination de l'équivalent en eau de la neige liées à la végétation et la topographie, et l'exploration du besoin de mesures en continu et en temps réel.
La promotion et le développement des méthodes innovatrices de mesures du manteau neigeux.
Professeurs adjoints :

Yacine Bouroubi, PhD (Montréal).

Utilisation des drones et de l’apprentissage profond pour le dépistage automatisé des ravageurs en agriculture

Évaluation du potentiel photovoltaïque des toits de bâtiments sur les images WorldView-3 par les techniques de traitement d’images conventionnelles (photogrammétrie et classification OO) et avancées (réseaux de neurones convolutionnels)

Cartographie intelligente des sols agricoles par fouille de mégadonnées d’OT

Réduction des gaz à effet de serre par télédétection (projet d’AAC)

Détection des maladies des cultures par télédétection thermique (projet d’AAC)

CANARIE - GeolmageNet : plateforme web pour l’annotation et l’apprentissage profond sur les images satellites à très haute résolution spatiale

Environmental Defense Fund - AAFC : Relationship between Nitrogen balance and variability in remotely sensed measures / Relation entre l’équilibre azoté et la variabilité des mesures de télédétection

IABATHYM - Cartographie et suivi satellitaires des hauts-fonds par intelligence artificielle (projet en collaboration avec Effigis-GéoSolutions, financé par l’Agence spatiale canadienne)

Mickaël Germain, PhD (Sherbrooke)

Fusion de données multicapteurs pour la classification des conditions routières par apprentissage profond (financement Vision Météo)

Segmentation sémantique par apprentissage profond sur des nano-ordinateurs en IoT

Démixage lithologique et minéralogique par modélisation du transfert radiatif dans un contexte de mine à ciel ouvert

Cartographie du Coltan en Côte d’Ivoire par apprentissage machine

SIG Web collaboratif pour le recensement des mammifères marins dans le sud du Chili pour l’aide au processus de conservation et de planification des zones (collaboration avec Prof. Liliana Perez, UdeM)

CANARIE - GeolmageNet : plateforme web pour l’annotation et l’apprentissage profond sur les images satellites à très haute résolution spatiale - transfert technologique (collaboration avec Prof. Yacine Bouroubi)

Myriam Lemelin, PhD (Hawaii)

Cartographie de la composition minéralogique et des ressources en eau aux pôles lunaires à l’aide de données hyperspectrales, de données lidar et de la modélisation du transfert radiatif en support aux futures missions d’exploration spatiale;

Analyse de la rugosité de la surface lunaire et de l’astéroïde Bennu à l’aide de données lidar et de l’analyse en ondelettes en support aux missions d’exploration spatiale présentes et futures;

Télédétection de chapeaux de fer en Arctique canadien et travaux terrains visant à mieux comprendre leur composition et leurs processus de formation pour les comparer aux formations géologiques similaires présentes sur Mars;

Cartographie de la composition minéralogique de systèmes hydrothermaux préservés sur Mars comme indicateurs paléo environnementaux des conditions aquëuses et de la présence potentielle de vie.
Programmes d’études offerts

1er cycle : Baccalauréat en géographie et aménagement durable, certificat en géographie et certificat en coopération internationale.
2e cycle : Maîtrise en études et interventions régionales et maîtrise en ressources renouvelables.
3e cycle : Doctorat en développement régional et doctorat en sciences de l'environnement.

Faculté

Professeurs :  

Maxime Boivin, PhD (UQAR & ENS-Lyon)  
Adresse électronique : maxime2_boivin@uqac.ca
  Géographie physique
  Hydrogéomorphologie
  Écogéomorphologie
  Restauration des rivières
  Relation habitat du poisson et hydrogéomorphologie
  Risques naturels

Marie Fall, PhD (Montréal)  
Adresse électronique : marie_fall@uqac.ca
  Gouvernance, démocratie et développement durable
  Développement territorial
  Changements climatiques, vulnérabilité et résilience des communautés
  Genre et développement
  Coopération internationale, solidarité internationale et aide au développement

Martin Simard, PhD (Laval)  
Adresse électronique : mgsimard@uqac.ca
  Géographie urbaine et régionale
  Aménagement et développement territorial
  Villes petites et moyennes en milieu périphérique ou nordique
  Formes urbaines et développement durable
Programmes d'études offerts

1er cycle : Baccalauréat en géographie, majeure en géographie, certificat en géographie internationale, certificat en planification territoriale et gestion des risques, baccalauréat en enseignement secondaire, baccalauréat en sciences naturelles appliquées à l'environnement

2e cycle : Maîtrise en géographie – profil mémoire, maîtrise en géographie – profil professionnel en aménagement du territoire et systèmes d'information géographique, DESS en planification territoriale et développement local, DESS en résilience, risques et catastrophes, programme court de 2e cycle en résilience, risques et catastrophes, DESS en systèmes d'information géographique

Faculté

Professeurs :

Yves Baudouin
Géographie
Géographie humaine

Mario Bédard
Épistémologie
Géographie culturelle
Géographie régionale
Paysage
Sens du lieu
Territorialité

Stéphane Bernard
Géographie des systèmes agraires
Réformes foncières
Systèmes agricoles alternatifs
Souveraineté alimentaire
Environnement
Expansion agricole/déforestation
Démondialisation des territoires
Résilience socio écologique
Asie du Sud-Est, Indonésie, Malaisie
Développement

Étienne Boucher
Climatologie et météorologie
Dendrochronologie
Eau et environnement
Géomorphologie fluviale

Adresse électronique :

baudouin.yves@uqam.ca
bedard.mario@uqam.ca
bernard.stephane@uqam.ca
Paléoclimatologie
Paléohydrologie
Risque hydro et glacial
Sciences de la terre

Claude Codjia  
codjia.claude@uqam.ca
Systèmes d'information géographique
Télédétection

Robert-André Daigneault  
daigneault.robert-andre@uqam.ca
Cartographie des formations superficielles
Géographie humaine
Géomorphologie glaciaire
Paléogéographie quaternaire
Sciences de la terre

Mélanie Doyon  
doyon.melanie@uqam.ca
Développement local et régionale
Aménagement du territoire
Milieux ruraux

Philippe Gachon  
gachon.philippe@uqam.ca
Aléas météorologiques et climatiques
Changements climatiques
Climatologie
Climat régional
Dynamique de l'atmosphère
Extrêmes climatiques
Météorologie
Modélisation du climat
Risques hydrométéologiques

Michelle Garneau  
garneau.michelle@uqam.ca
Dynamique des écosystèmes
Dynamique du carbone
Impact des changements climatiques
Milieux tourbeux
Reconstitution des écosystèmes anciens

Daniel Germain  
germain.daniel@uqam.ca
Avalanches de neige
Climatologie et météorologie
Géographie humaine
Gestion des risques
Glissements de terrain
Mouvements gravitaires
Prévention des risques
Risques naturels
Sciences de la terre

Laurie Guimond  
guimond.laurie@uqam.ca
Développement territoriale
Innovations sociales
Études autochtones
Yannick Hémond  
Adaptation aux changements climatiques  
Continuité d'exploitation  
Créativité et apprentissage  
Gestion de crise  
Gestion des risques  
Gestion du risque de projet  
Résilience  
Résolution de problèmes  
Risque opérationnel  
hemond.yannick@uqam.ca

Juan-Luis Klein  
 Développement local  
 Économie de la culture  
 Géographie humaine  
 Sociologie  
klein.juan-luis@uqam.ca

Anne Latendresse  
 Démocratie locale  
 Démocratie participative  
 Développement local  
 Études urbaines  
 Géographie humaine  
 Géographie sociale  
 Gouvernance territoriale  
 Mouvement urbain  
 Planification et gestion urbaines  
 Science politique  
latendresse.anne@uqam.ca

Sylvain Lefebvre  
 Aménagement du territoire  
 Études urbaines  
 Géographie humaine  
 Géographie urbaine  
 Gestion des risques  
 Grands projets urbains  
 Planification territoriale  
 Tourisme  
 Urbanisme  
lefebvre.sylvain@uqam.ca

Éric Mottet  
 Asie de l'Est  
 Asie du Sud-Est  
 Chine  
 Didactique  
 Géographie  
 Géographie humaine  
 Géopolitique  
 Laos  
 Monde contemporain  
 Ressources énergétiques  
 Ressources naturelles  
mottet.eric@uqam.ca
Ressources stratégiques
Sport et politique

Yann Roche  
Asie du Sud-Est  
Cartographie  
Environnement  
Géopolitique du sport  
Laos  
Ressources naturelles  
Sociologie  
Thaïlande  
Vieillissement et santé

roche.yann@uqam.ca

Jacques Schroeder  
Cavernes  
Développement local  
Géomorphologie  
Patrimoine naturel

schroeder.jacques@uqam.ca

Catherine Trudelle  
Activité conflictuelle  
Conflits urbains  
Environnement  
Études urbaines  
Géographie humaine  
Gouvernance locale  
Humanisation de la ville  
Sociologie

trudelle.catherine@uqam.ca

Jean-Philippe Waaub  
Agendas 21 locaux  
Aide à la décision  
Changements climatiques  
Développement  
Environnement  
Études d'impacts  
Évaluation environnementale  
Évaluation stratégique  
Modélisation de l'énergie  
Modélisation de l'environnement  
Participation publique

Waaub.jean-philippe@uqam.ca

Professeurs associés :

Taïka Baillargeon  
Didier Babin  
Élisabeth Vallet  
Serge Occhietti  
Ursule Boyer-Villemaire

baillargeon.taika@uqam.ca  
vallet.elisabeth@uqam.ca  
occhietti.serge@uqam.ca  
boyer-villemaire.ursule@uqam.ca
Michel C. Doré
Maria de Lourdes Bazquez Rascon
Dan Lansana Kourouma

Professeur invité :
Olivier Caron
  Géologie glaciaire
  Géomorphologie
  Géomatique
  Cartographie
caron.olivier@uqam.ca

Chargés de cours :
Mustapha Kebiche
  Changements climatiques
  Risques naturels
kebiche.mustapha@uqam.ca
Kosal Khun
  Géomatique
  Analyse SIG
  Télédétection
  Programmation et automatisation
khun.kosal@courrier.uqam.ca
Frédérick Leclerc
Gabriel Magnan
  Biogéographie
  Paléoécologie
  Changements climatique
leclerc.frederik@uqam.ca
magnan.gabriel@uqam.ca

Technicien en cartographie :
Mourad Djaballah
djaballah.mourad@uqam.ca

Agent de recherche :
Bertrand Touchette
touchette.bertrand@uqam.ca

Coordonnateur des stages / Animateur pédagogique :
Hans Asnong
asnong.hans@uqam.ca
Université du Québec à Rimouski
Département de biologie, chimie et géographie
300 Allée des Ursulines, Rimouski (Québec), G5L 3A1
418 723-1986, poste 1616 (géographie)
Site web : https://www.uqar.ca/etudes/etudier-a-l-uqar/programmes-d-etudes/7756

Programmes d’études offerts

1er cycle : Mineure en géographie, Majeure en géographie, Programme court en Environnement, géomorphologie et risques naturels, Baccalauréat en géographie – concentration Environnement, géomorphologie et risques naturels, Baccalauréat en géographie – concentration Environnement marin, Baccalauréat en géographie – concentration Écogéographie, Baccalauréat en géographie – concentration, Aménagement du territoire et développement durable, Baccalauréat en géographie – Cheminement Général

Cycles gradués : Diplôme d’études spécialisées en Analyses et Prévention des Risques Naturels (DESS), Maîtrise en géographie, Doctorat en Sciences de l’environnement

Faculté

Professeurs titulaires : 

Simon Bélanger¹, PhD (Pierre et Marie Curie) 
Télédétection environnementale
Amélioration des techniques de télédétection optique des propriétés des eaux par satellite
Impacts du changement climatique sur les environnements côtiers arctiques et subarctiques
Étude des flux biogéochimiques continent-océan à l'aide d'outils optiques

Pascal Bernatchez, PhD (Laval)
Reconstitution et projection de la hausse du niveau de la mer et analyse de ses effets sur les zones côtières
Programme de mesures et de modélisation du couvert de glace côtière, des niveaux d'eau et des vagues et analyse de leurs effets sur l'évolution des littoraux
Réseaux de suivi environnemental des côtes du Québec maritime
Quantification et modélisation des aléas côtiers (processus d'érosion côtière, submersion, mouvements de terrain)

Thomas Buffin-Bélanger, PhD (Montréal)
Approche hydrogéomorphologique pour la gestion des cours d'eau
Étude des dynamiques glaciaires dans les cours d'eau
Évaluation des bilans sédimentaires et ligneux dans les systèmes fluviaux

¹ Directeur du module (1er cycle)
Analyse des interactions eaux de surface et eaux souterraines dans les plaines alluviales
Développement du concept d’espace de liberté des cours d’eau
Analyse des risques liés aux aléas fluviaux

David Didier, PhD (UQAR) david_didier@uqar.ca
Morphodynamique littorale
Modélisation des aléas côtiers (processus d’érosion côtière, submersion, mouvements de terrain)
Développement d’outils de traitements d’imagerie vidéo côtière
Analyse des solutions d’adaptation des communautés côtières aux risques côtiers en Arctique
Analyses des interactions entre agents marins et côtes pergélisolées

Clermont Dugas, PhD (Laval) clermont_dugas@uqar.ca
Mise en valeur et gestion des ressources
Interrelations aménagement – développement
Impacts sociaux et environnementaux des interventions d’aménagement
Aspects utilitaires et qualitatifs des formes d’aménagement

Francis Gauthier, PhD (Laval) francis_gauthier@uqar.ca
Géomorphologie et dynamique des versants
Dynamique des processus de versant: chute de pierre, glissement de terrain, coulée de débris, activité torrentielle, avalanche de neige, chute de blocs de glace
Influence des variables hydrométéorologiques et des extrêmes climatiques sur la dynamique des processus de versant
Morphodynamique des massifs rocheux et évolution des paysages en montagne
Analyse, prévision et gestion des aléas en montagne

Manon Savard, PhD (Cambridge) manon_savard@uqar.ca
Archéologie environnementale : évolution des paysages et des relations Sociétés-environnement
Géographie culturelle
Épistémologie de la géographie
Patrimoine
Archéologie et archéologie publique

Guillaume Marie, PhD (Bretagne Occidentale) guillaume_marie@uqar.ca
Étude de la vulnérabilité des collectivités et des infrastructures côtières aux aléas dans un contexte de changements climatiques
Analyse des solutions d’adaptation des communautés côtières aux risques côtiers
Développement d’outils pour augmenter la résilience des collectivités côtières dans une perspective de gestion intégrée des zones côtières
Analyse du patrimoine maritime et côtier

Chargés d’enseignement :

Jérôme Dubé jerome_dube@uqar.ca
Anny Jalbert Anny_Jalbert@uqar.ca
Antoine Morissette Antoine_morissette@uqar.ca
Claude Ouellet Claude_Ouellet02@uqar.ca
Émilie Ringuet Emilie_Ringuet@uqar.ca
Programmes d'études offerts

Baccalauréat en géographie environnementale
Certificat en sciences de l'environnement
Microprogramme de premier cycle en géomatique

Faculté

Professeurs :

Ali Assani, PhD (Liège)  
Hydroclimatologie  
Géomorphologie fluviale

Stéphane Campeau, PhD (Laval)  
Biosuivi de la qualité de l'eau  
Restauration des rivières  
Gestion intégrée de l'eau par bassin versant

Christophe Kinnard, PhD (Ottawa)  
Glaciologie  
Cryosphère  
Hydrologie des bassins englacés et enneigés

Denis Leroux, PhD (Ottawa)  
Géomatique  
Systèmes information géographique  
Géographie de la santé

Alexandre Roy, PhD (Sherbrooke)  
Télédétection micro-onde des milieux froids  
Changements climatiques  
Modélisation hydrologique et biogéophysique

Julie Ruiz, PhD (Montréal)  
Écologie du paysage  
Géographie rurale et agricole  
Aménagement du territoire

Diane Saint-Laurent, PhD (Laval)  
Science du sol  
Sols contaminés  
Inondations et érosion des berges

Adresse électronique :

Ali.Assani@uqtr.ca

Stephane.Campeau@uqtr.ca

Christophe.Kinnard@uqtr.ca

Denis.Leroux@uqtr.ca

Alexandre.Roy@uqtr.ca

Julie.Ruiz@uqtr.ca

Diane.Saint-Laurent@uqtr.ca

Chargés d’enseignement :

Pierre-André Bordeleau  
Pierre-Andre.Bordeleau@uqtr.ca
Programmes d’études offerts

Programmes de 1er cycle : Baccalauréat en géographie; Baccalauréat en développement durable du territoire, Certificat en géographie; Certificat en tourisme durable; Certificat en développement durable

Programmes d’études avancées en sciences géographiques : Maitrise avec mémoire; Maitrise avec essai (géographie appliquée); PhD; Maitrise en biogéosciences de l’environnement, Microprogramme de 2e cycle en changements climatiques

Concentrations : Aménagement du territoire québécois; Géographie des espaces mondiaux; Géographie humaine et historique; Géographie générale; Géographie physique et environnement naturel; Science de l’information géographique, Tourisme

Faculté

Professeurs titulaires :

Nathalie Barrette, PhD (UQAM)
- Climatologie
- Modélisation climatique
- Changements climatiques

Danièle Bélanger, PhD (Montréal)
- Démographie sociale
- Genre, population et développement
- Migrations internationales
- Genre et inégalités sociales

Najat Bhiry, PhD (Paris)
- Paléoécologie
- Paléopédologie
- Sédimentologie

Laurent Bourdeau, PhD (UQAM)
- Gestion et développement touristique

Steve Déry, PhD (Laval)
- Asie du Sud-Est
- Géographie économique
- Géographie de l’environnement
- Géographie rurale

Adresse électronique :

nathalie.barrette@ggr.ulaval.ca
daniele.belanger@ggr.ulaval.ca
najat.bhiry@cen.ulaval.ca
laurent.bourdeau@ggr.ulaval.ca
steve.dery@ggr.ulaval.ca
Caroline Desbiens, PhD (British Columbia)  
Géographie féministe et culturelle  
Géographie historique du Nord  
Géographie autochtone  

caroline.desbiens@ggr.ulaval.ca

Matthew Hatvany, PhD (Maine)  
Géographie historique et environnementale  
Géographie du Pacifique  

matthew.hatvany@ggr.ulaval.ca

Patrick Lajeunesse, PhD (Laval)  
Environnements côtiers et marins nordiques  
Géomorphologie  
Quaternaire  
Sédimentologie  

patrick.lajeunesse@ggr.ulaval.ca

Frédéric Lasserre, PhD (Saint-Étienne)  
Asie de l’Est  
Géographie politique  
Géopolitique de l’eau et de l’Arctique  

frederic.lasserre@ggr.ulaval.ca

Martin Lavoie, PhD (Montréal)  
Biogéographie  
Paléoécologie  
Palynologie  

martin.lavoie@cen.ulaval.ca

Pascale Marcotte, PhD (UQAM)  
Tourisme et culture  
Pratiques et consommation touristiques et culturelles  

pascale.marcotte@ggr.ulaval.ca

Guy Mercier, PhD (Laval)  
Aménagement du territoire  
Géographie urbaine  
Histoire et épistémologie de la géographie  

guy.mercier@ggr.ulaval.ca

Reinhard Pienitz, PhD (Queen’s)  
Biogéographie aquatique  
Paléoécologie  
Écosystèmes d’eau douce et côtiers nordiques  

reinhard.pienitz@cen.ulaval.ca

Marc St-Hilaire, PhD (Laval)  
Géographie de la population  
Géographie du Québec  
Géographie historique  

marc.st-hilaire@ggr.ulaval.ca

Marie-Hélène Vandersmissen¹, PhD (Laval)  
Analyse spatiale  
Géographie du transport  
Géographie urbaine  
Méthodes quantitatives  

marie-helene.vandersmissen@ggr.ulaval.ca

Professeurs agrégés :

Dermot Antoniades, PhD (Toronto)  
Biogéographie aquatique  
Qualité de l’eau  
Paléolimnologie et écologie aquatique  

dermot.antoniades@cen.ulaval.ca

¹ Directrice (Information sur le département, 1er juillet 2016)
Etienne Berthold, PhD (INRS UCS)  etienne.berthold@ggr.ulaval.ca
  Aménagement durable de la ville
  Géographie de la Russie
  Patrimoine urbain
Yves Brousseau, PhD (Laval)  yves.brousseau@ggr.ulaval.ca
  Cartographie
  Système d'information géographique
Nathalie Gravel, PhD (Laval)  nathalie.gravel@ggr.ulaval.ca
  Géographie de l'Amérique latine
  Géographie des espaces mondialisés
  Géographie rurale
Pascale Roy-Léveillé, PhD (Carleton)  pascale.roy-Leveillee@ggr.ulaval.ca
  Géomorphologie
  Pergélisol
  Thermokarst
Martin Simard, PhD (Wisconsin-Madison)  martin.simard@ggr.ulaval.ca
  Biogéographie
  Dendroécologie
  Écologie du paysage

Professeur adjoint :
Jean-François Bissonnette, PhD (Toronto)  jean-francois.bissonnette@ggr.ulaval.ca
  Développement durable
  Foresterie sociale
  Agroforesterie
  Foresterie internationale
  Aménagement territorial
Marc-André Bourgault, PhD (UQAM)  marc-andre.bourgault@ggr.ulaval.ca
  Écohydrologie
  Risques naturels
  Changements climatiques
Justine Gagnon, PhD (Laval)  justine.gagnon@ggr.ulaval.ca
  Géographie culturelle
  Patrimoine et tourisme autochtone
  Cartographie participative
  Géographie de la mémoire
Adèle Garnier, PhD (Macquarie et Leipzig)  adele.garnier@ggr.ulaval.ca
  Migration et territoire
  Migration, inégalité et pouvoir
  Géographie politique
  Gouvernance humanitaire
Émilie Saulnier-Talbot, PhD (Laval)  emilie.saulnier-talbot@ggr.ulaval.ca
  Écosystèmes aquatiques
  Paléoécologie
  Géoécologie
  (poste en double rattachement avec le département de biologie)
Chargés d’enseignement :
Danielle Cloutier  danielle.cloutier@ggr.ulaval.ca
Guy Dorval       guy.dorval@ggr.ulaval.ca

Personnel non enseignant

Administration :
Guylaine Verret (secrétaire de gestion) secretariat@ggr.ulaval.ca
Judith Giguère (agente de gestion des études) judith.giguere@ggr.ulaval.ca
Julie Paquet (technicienne en administration) administration@ggr.ulaval.ca

Responsables des travaux pratiques et de recherche :
Donald Cayer       donald.cayer@ggr.ulaval.ca
Ann Delwaide   ann.delwaide@ggr.ulaval.ca
Benoît Lalonde benoit.lalonde@ggr.ulaval.ca

Laboratoire de cartographie :
Louise Marcoux    louise.marcoux@ggr.ulaval.ca
Sylvie St-Jacques sylvie.st-jacques@ggr.ulaval.ca
Karine Tessier   karine.tessier@ggr.ulaval.ca

Cahiers de géographie du Québec :
Marie-Hélène Vandersmissen (rédactrice) marie-helene.vandersmissen@ggr.ulaval.ca
Guylaine Verret (secrétaire à l’édition) cahiers_de_geographie@ggr.ulaval.ca
Department Offers

BA Human Geography (major, minor), BA Planning (major), BSc Honors and Specialization in Atmospheric Sciences, Environmental Earth Sciences, Geology, Planning and Paleontology, MA, MSc, PhD

Faculty

Professors Emeriti:


Distinguished University Professors:  E-mail Address:

Brian Jones, PhD (Ottawa)  Brian.Jones@ualberta.ca
S. George Pemberton, PhD (McMaster)  George.Pemberton@ualberta.ca
Nathaniel W. Rutter, PhD (Alberta)  Nat.Rutter@ualberta.ca

Professors:

*Sandeep Agrawal, PhD (Illinois)  sagrawal@ualberta.ca
Balancing municipal planning with human rights
Understanding India’s new approach to spatial planning and development
Welcoming communities: Planning for diverse populations

*Andrew B.G. Bush, PhD (Toronto)  Andrew.Bush@ualberta.ca
Atmosphere-Ice interactions
Initiation and maintenance of glaciation
Numerical modeling of atmospheres and oceans with particular emphasis on paleoclimate modeling
The dynamical history of the tropical Pacific thermocline
The history of ENSO in the Quaternary
The role of baroclinic instability of the East African jet in spawning hurricanes
Unravelling the dynamical connections linking ENSO and the south Asian monsoon

* Human Geography, Meteorology, Environmental Sciences, and Planning
<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael W. Caldwell, PhD</td>
<td><a href="mailto:mw.caldwell@ualberta.ca">mw.caldwell@ualberta.ca</a></td>
</tr>
<tr>
<td>Octavian Catuneanu, PhD</td>
<td><a href="mailto:Octavian.Catuneanu@ualberta.ca">Octavian.Catuneanu@ualberta.ca</a></td>
</tr>
<tr>
<td>Thomas Chacko, PhD</td>
<td><a href="mailto:Tom.Chacko@ualberta.ca">Tom.Chacko@ualberta.ca</a></td>
</tr>
<tr>
<td>Robert A. Creaser, PhD</td>
<td><a href="mailto:Robert.Creaser@ualberta.ca">Robert.Creaser@ualberta.ca</a></td>
</tr>
<tr>
<td>*Duane G. Froese, PhD</td>
<td><a href="mailto:duane.froese@ualberta.ca">duane.froese@ualberta.ca</a></td>
</tr>
<tr>
<td>John Gamon, PhD</td>
<td><a href="mailto:gamon@ualberta.ca">gamon@ualberta.ca</a></td>
</tr>
<tr>
<td>John Gamon, PhD</td>
<td><a href="mailto:gamon@ualberta.ca">gamon@ualberta.ca</a></td>
</tr>
<tr>
<td>*Theresa Garvin, PhD</td>
<td><a href="mailto:Theresa.Garvin@ualberta.ca">Theresa.Garvin@ualberta.ca</a></td>
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<tr>
<td>Murray K. Gingras, PhD</td>
<td><a href="mailto:mgingras@ualberta.ca">mgingras@ualberta.ca</a></td>
</tr>
<tr>
<td>Nicholas Harris, PhD</td>
<td><a href="mailto:nharris@ualberta.ca">nharris@ualberta.ca</a></td>
</tr>
<tr>
<td>Christopher D. Herd, PhD</td>
<td><a href="mailto:herd@ualberta.ca">herd@ualberta.ca</a></td>
</tr>
<tr>
<td>Stephen Johnston†, PhD</td>
<td><a href="mailto:stjohnst@ualberta.ca">stjohnst@ualberta.ca</a></td>
</tr>
<tr>
<td>Kurt O. Konhauser, PhD</td>
<td><a href="mailto:Kurt.Konhauser@ualberta.ca">Kurt.Konhauser@ualberta.ca</a></td>
</tr>
<tr>
<td>Lindsey Leighton, PhD</td>
<td><a href="mailto:lleighto@ualberta.ca">lleighto@ualberta.ca</a></td>
</tr>
<tr>
<td>*Tara McGee, PhD</td>
<td><a href="mailto:tmcgee@ualberta.ca">tmcgee@ualberta.ca</a></td>
</tr>
<tr>
<td>Paul Myers, PhD</td>
<td><a href="mailto:pmyers@ualberta.ca">pmyers@ualberta.ca</a></td>
</tr>
<tr>
<td>Robert W. Luth, PhD</td>
<td><a href="mailto:Robert.Luth@ualberta.ca">Robert.Luth@ualberta.ca</a></td>
</tr>
<tr>
<td>Karlis Muehlenbachs, PhD</td>
<td><a href="mailto:Karlis.Muehlenbachs@ualberta.ca">Karlis.Muehlenbachs@ualberta.ca</a></td>
</tr>
<tr>
<td>Graham D. Pearson, PhD</td>
<td><a href="mailto:gdpearso@ualberta.ca">gdpearso@ualberta.ca</a></td>
</tr>
<tr>
<td>David Potter, PhD</td>
<td><a href="mailto:dkpotter@ualberta.ca">dkpotter@ualberta.ca</a></td>
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<td>Beringia</td>
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<td>Natural hazards</td>
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<td>Quaternary geology</td>
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<td>John Gamon, PhD</td>
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<td>Climate change impacts in northern latitude ecosystems</td>
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<td>Detecting plant biochemical responses with non-contact optical methods</td>
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<td>Disturbance effects on ecosystem function</td>
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<td>Eco-informatics and Cyberinfrastructure for ecosystem monitoring</td>
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<td>Plant ecophysiology, particularly related to photosynthesis and environmental stress</td>
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<td>Remote sensing for sampling terrestrial ecosystem composition and function</td>
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<td>Theresa Garvin, PhD</td>
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<td>Aging and urban/suburban environments</td>
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<td>Community, health and environmental issues</td>
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<td>Geography of health and health care</td>
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<td>Policy development, implementation and analysis</td>
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<td>Science, policy and social processes</td>
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</tbody>
</table>

† Department Chair
* Human Geography, Meteorology, Environmental Sciences, and Planning
Impacts of land use/cover change (LUCC) on biodiversity loss and habitat fragmentation in tropical dry forest environments
Remote sensing and geographic information systems

Rob Shields, PhD
Thomas Stachel, PhD (Wurzburg)
*Bruce Sutherland, PhD (Toronto)

Atmospheric and oceanic dynamics (Sutherland)

Martyn Unsworth, PhD (Cambridge)
John W.F. Waldron, PhD (Edinburgh)
John-Paul Zonneveld, PhD (Alberta)

Associate Professors:

Daniel Alessi, PhD (Notre Dame)
*Damian Collins, PhD (Simon Fraser)

Health geography (health promotion, active travel, children's health)
Political geography (property, public policy)
Urban geography (housing, transport, land use change, schooling)

*Jeff Kavanaugh, PhD (British Columbia)

Environmental change
Glacier dynamics
Glacier response to changing climate
Ice core paleoclimatology
Mechanics of unconsolidated Materials
Permafrost and periglacial landscapes
Subglacial and groundwater hydrology

Long Li, PhD (Lehigh)
*Alberto Reyes (Alberta)

Greenland Ice Sheet response to Quaternary climate change
Pleistocene interglaciations
Quaternary geoscience applications of isotope geochemistry
Refined interpretation of large compilations of radiocarbon dates

Kyle Whittfield, PhD (Waterloo)

Community planning, social planning, issues relevant to older adults, community development and citizen engagement

Siobhan Alexandra Wilson, PhD

CRC, Biogeochemistry of Sustainable Mineral Resources

*Jeff Birchall (Canterbury)

Local scale climate change impacts
Local government climate change policy
Urban/community climate resilience/adaptation

* Human Geography, Meteorology, Environmental Sciences, and Planning
Assistant Professor:

*Joshua Evans, PhD (McMaster)  jdevans@ualberta.ca
Disability and Chronic Illness
Housing and Homelessness
Urban Policymaking and Governance
Philosophy and Human Geography

Monireh Faramarzi, PhD (Swiss Federal Institute of Technology) faramarz@ualberta.ca
Watershed Science and Modelling
Development and application of environmental models to study fundamental and applied aspects of water quantity and quality
Hydrology

Bhatia, Maya Pilar, PhD (MIT, WHOI) mbhatia@ualberta.ca
Using molecular biogeochemistry to explore the interplay between microbial metabolism, the global carbon cycle, and climate.

Jensen, Britta Josephine Lund, PhD (UAlberta) bjjensen@ualberta.ca
Quaternary time-scales
Tephrochronology

Birchall, Stephen Jeffrey, PhD (U of Canterbury, NZ) jeff.birchall@ualberta.ca
Coastal community climate resilience

Lecumberri-Sanchez, Pilar, PhD (Virginia Tech) lecumber@ualberta.ca
Mineral Deposit Geochemistry

Steele-MacInnis, Matthew, PhD (Virginia Tech) steelema@ualberta.ca
Properties and roles of fluids in Earth's interior

Grise, Emily A, PhD egrise@ualberta.ca
Transport planning

Faculty Service Officers:

*Anita Dey Nuttall anita.deynuttall@ualberta.ca
International relations
Antarctica and Nordic geopolitics
Science and policy

Alison Criscitiello
S. Andrew DuFrane dufrane@ualberta.ca
Andrew Locock alocock@ualberta.ca
*Robert Summers robert.summers@ualberta.ca
Collective action and cultural institutions and their evolution
Community development (social capital, sense of place, effectiveness and efficiency of local institutions) in both developed and developing world applications
Environmental governance policy (focused on behaviour and institutions)
Rural water supply issues in Canada and Sub-Saharan Africa

Richard Stern rstern@ualberta.ca
Sarah Woodland swoodlan@ualberta.ca
Department Offers

Geography minor, no major

Faculty

**Professors:**

- Glynnis Hood, PhD (Alberta)  
  - E-mail Address: ghood@ualberta.ca  
  - Aquatic ecology  
  - Wildlife ecology and management  
  - Human wildlife conflict

- Glen Hvenegaard, PhD (Victoria)  
  - E-mail Address: glenhvenegaard@ualberta.ca  
  - Biogeography and conservation of birds  
  - Park interpretation and environmental education  
  - Park and wildlife tourism  
  - Rural sustainability planning  
  - Environmental history

- Gregory King, PhD (University of Bern)  
  - E-mail Address: gking@ualberta.ca  
  - Dendrochronology  
  - Biogeography  
  - Forest disturbance ecology  
  - Urban forests

**Adjunct Professor:**

- Dee Patriquin, PhD (Alberta)  
  - E-mail Address: dee.patriquin@ualberta.ca  
  - Environmental policy and governance  
  - Natural resource management  
  - GIS and remote sensing
Department Offers

BA, BSc, MA, MSc, PhD

Faculty

Emeriti:  E-mail Address:

Michael J. Bovis, PhD (Colorado)  michael.bovis@geog.ubc.ca
Michael A. Church, PhD (British Columbia)  michael.church@geog.ubc.ca
Richard E. Copley, MA (UC, Berkeley)  richard.copley@geog.ubc.ca
Ken G. Denike, PhD (Pennsylvania)  ken.denike@geog.ubc.ca
David W. Edgington, PhD (Monash)  david.edgington@geog.ubc.ca
R. Cole Harris, PhD (Wisconsin)  cole.harris@geog.ubc.ca
David F. Ley, PhD (Pennsylvania State)  david.ley@geog.ubc.ca
David M. McClung, PhD (Washington)  dave.mcclung@geog.ubc.ca
Terry G. McGee, PhD (Wellington)  terry.mcgee@geog.ubc.ca
Margaret E.A. North, MA (Kansas)  margaret.north@geog.ubc.ca
Robert N. North, PhD (British Columbia)  robert.north@geog.ubc.ca
Timothy R. Oke, PhD (McMaster)  tim.oke@geog.ubc.ca
Alf H. Siemens, PhD (Wisconsin)  alf.siemens@geog.ubc.ca
H. Olav Slaymaker, PhD (Cambridge)  olav.slaymaker@geog.ubc.ca
Graeme Wynn, PhD (Toronto)  graeme.wynn@geog.ubc.ca

Professors:  
karen.bakker@geog.ubc.ca

Karen J. Bakker, PhD (Oxford)  Environmental governance
  Political ecology
  Political economy
  Water governance

Trevor J. Barnes, PhD (Minnesota)  trevor.barnes@geog.ubc.ca
  The Vancouver economy
  Dictatorships and universities
  Life and works of Bill Bunge
  Post-War history of Anglo-American human geography

Simon D. Donner, PhD (Wisconsin)  simon.donner@geog.ubc.ca
  Climate change adaptation in the developing world
  Climate change science
  Public engagement
Brett C. Eaton, PhD (British Columbia) brett.eaton@geog.ubc.ca
Alluvial channel dynamics
Impacts of hydropower on fluvial processes and aquatic habitat
Long term effects of forest fire on stream channel morphology
Modeling fluvial systems

Matthew D. Evenden, PhD (York) matthew.evenden@geog.ubc.ca
Environmental history and historical geography
War and environment
Water and energy history

James F. Glassman, PhD (Minnesota) jim.glassman@geog.ubc.ca
Development geography of Pacific Rim Asia
Geo-political economy of development
Urbanization and industrialization in developing countries

Derek J. Gregory, PhD (Cambridge) derek.gregory@geog.ubc.ca
Air wars, 1914-2020: geographies of bombing
Geographies of later modern war
Military-medical geographies of casualty evacuation (combatant and civilian), 1914-2020
States of exception 1940-2020: spatializations and racializations

Marwan Hassan, PhD (Jerusalem) marwan.hassan@geog.ubc.ca
Biophysical interactions in gravel bed streams
Fluvial transport of sediment
Scaling relations in watershed geomorphology
Urban hydrology and urban streams

Greg H.R. Henry, PhD (Toronto) greg.henry@geog.ubc.ca
Adaptation potential in Arctic tundra plants to climate change
Arctic plant-herbivore interactions
Arctic tundra and treeline ecology
Causes and consequences of biodiversity change in tundra ecosystems
Tundra ecosystem responses to disturbance and climate change

Dan J. Hiebert, PhD (Toronto) dan.hiebert@geog.ubc.ca
Immigrant settlement in Canadian cities
Immigration and Canadian labour markets
International migration

Brian Klinkenberg, PhD (Western Ontario) brian.klinkenberg@geog.ubc.ca
Biodiversity Atlases of British Columbia
Public participation, VGI and conservation
Spatial analysis and landscape characterization

Merje Kuus, PhD (Syracuse) merje.kuus@geog.ubc.ca
Geopolitics and diplomacy
Transnational policy networks
Arctic governance
Contemporary Europe

Philippe A. Le Billon, PhD (Oxford) philippe.lebillon@geog.ubc.ca
Conflicts, violence, and resources
Development geography of Africa
Political geography
Ian G. McKendry, PhD (Canterbury)  ian.mckendry@geog.ubc.ca
Aerosol Science
Air pollution meteorology
Long range pollutant and dust transport
Synoptic climatology
R. Dan Moore, PhD (Canterbury)  dan.moore@geog.ubc.ca
Effects of glacier retreat and vegetation dynamics on catchment hydrology and
aquatic habitat
Hydrologic processes and modelling for headwater and mountain catchments
Riparian processes and management in forested headwater catchments
Stream temperature dynamics in headwater and mountain catchments
Jamie A. Peck, PhD (Manchester)  jamie.peck@geog.ubc.ca
Economic geography
Economic governance
Labour geography
Neoliberalism
State restructuring
Urban and regional political economy
Geraldine J. Pratt¹, PhD (British Columbia)  gerry.pratt@geog.ubc.ca
Feminist geography
Performance, space and politics
Precarious labour
Dementia care
Elvin K. Wyly, PhD (Minnesota)  elvin.wyly@geog.ubc.ca
Gentrification and neighbourhood change
Housing and neoliberal financialization
Politics of social surveys, data, and quantitative methods
Ontologies of social media and Big Data
Urban policy

Associate Professors:

Luke R. Bergmann, PhD (Minnesota)  luke.bergmann@ubc.ca
Economic Geography
Geographical computation
Nature-society relations
Spatial theory
Jessica A. Dempsey, PhD (British Columbia)  jessica.dempsey@geog.ubc.ca
Capitalist natures
Environmental politics
Green finance
Political ecologies of biodiversity conservation
Michèle N. Koppes, PhD (Washington)  michele.koppes@geog.ubc.ca
Glacial geomorphology
Glaciology
Ice-ocean interactions
Paleoclimate reconstructions

¹ Head (Faculty information as of July 1, 2019)
Quaternary geomorphology
Juanita R. Sundberg, PhD (Texas)          juanita.sundberg@geog.ubc.ca
  Critical race theory and anti-racist environmentalism
  Environmental dimensions of border enforcement on the US-Mexico border
  Feminist geography
  Nature, race, and nation-building in Latin America
Jennifer L. Williams, PhD (Montana)       jennifer.williams@geog.ubc.ca
  Climate change and plant population dynamics
  Influence of climate on plant life history strategies
  Population spread through patchy landscapes

Assistant Professors:
Mohammed Rafi Arefin, PhD (Wisconsin)     marefi01@mail.ubc.ca
  Urbanization and Urban Infrastructure
  Environmental Justice and Urban Inequality
  Waste, Waste Management, and Sanitation
  Urban Political Ecology
Sara H. Knox, PhD (Berkeley)              sara.knox@ubc.ca
  Micrometeorology
  Biosphere-atmosphere trace gas fluxes
  Carbon cycle science
  Ecosystem ecology
Priti Narayan, PhD (Rutgers)              pnaray02@mail.ubc.ca
  Global urbanisms
  Urban inequality and belonging
  Social movements
  Activist scholarship
Naomi B. Schwartz, PhD (Columbia)         naomi.schwartz@ubc.ca
  Remote sensing of disturbance and land use change
  Global change impacts in tropical forests
  Reforestation and natural regeneration in tropical forest landscapes

Professor of Teaching:
Sally A. Hermansen, MA (Queen's)          sally.hermansen@geog.ubc.ca
  Cartography and GIS
  Community mapping
  Historical GIS

Associate Professors of Teaching:
Loch T. Brown, PhD (Sussex)               loch.brown@geog.ubc.ca
  Environment, sustainability, and development
  Higher education, flexible learning, pedagogy
  Political ecology, political economy, and natures
Siobhán R. McPhee, PhD (Dublin) siobhan.mcphee@geog.ubc.ca
Worker mobility/migration and precarious work
Impact of precarious work on experience of place through digital storytelling
Internationalisation of pedagogy and blended learning

Assistant Professor of Teaching:

Nina Hewitt, PhD (York) nina.hewitt@ubc.ca
Ecosystem fragmentation
Altered disturbance regimes
Biological invasions and climate change

Associate Members:

John Paul Catungal, PhD (Toronto) catungal@mail.ubc.ca
Nicholas Coops, PhD (Melbourne) nicholas.coops@ubc.ca
Glen Coulthard, PhD (Victoria) glen.coulthard@ubc.ca
Lori D. Daniels, PhD (Colorado) lori.daniels@ubc.ca
Miriam Grant, PhD (Queens) miriam.grant@ubc.ca
Leila Harris, PhD (Minnesota) lharris@ires.ubc.ca
Minelle Mahtani, PhD (University College London) minelle.mathani@ubc.ca

Adjunct Professors:

Paul Cottle, Sarah Davidson, Georg Jost, Tom Koch, Dori Kovanen, Richard McCleary, André Zimmermann

Post-Doctoral Fellows:

Flavien Beaud, Sung-Ching Lee, Lucy MacKenzie, Harmony Martell, Jennifer Mateer, Zoe Panchen, David Reid, Matteo Saletti
University of British Columbia, Okanagan Campus  
Geography Program  
3333 University Way, Kelowna, BC V1V 1V7  
(250) 807-9337 — Fax (250) 807-8001  
Websites: [http://ccgs.ok.ubc.ca/prospective/undergrad/geography.html](http://ccgs.ok.ubc.ca/prospective/undergrad/geography.html)  
[https://eegs.ok.ubc.ca/undergraduate/geography/](https://eegs.ok.ubc.ca/undergraduate/geography/)

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**Department Offers**

BA, MA (interdisciplinary), and PhD (interdisciplinary)

**Faculty**

*Professors:*

Bernard Bauer, PhD (Johns Hopkins)  
E-mail Address: bernard.bauer@ubc.ca  
Process geomorphology (coastal, aeolian, and fluvial)  
Physical geography  
Hydrology  

Lawrence D. Berg, DPhil (Waikato)  
E-mail Address: lawrence.berg@ubc.ca  
Interlocking geographies of White supremacy, heteropatriarchy, colonialism and class  
Neoliberalism and geographies of knowledge production  
Social, spatial and economic justice

Carlos Teixeira, PhD (York)  
E-mail Address: carlos.teixeira@ubc.ca  
Community and neighbourhood change  
Ethnic economies and immigrant entrepreneurship  
Housing experiences of immigrants and refugees in Canadian cities  
Migration and residential mobility

*Professor Emeritus:*

Miriam Grant, PhD (Queen’s)  
E-mail Address: miriam.grant@ubc.ca  
Social dimension of HIV/AIDS in Southern Africa  
Social and economic vulnerability of urban youth in African cities  
Role of African elite in urban community development  
Urban food security in Southern Africa

*Associate Professors:*

Jon Corbett, PhD (Victoria)  
E-mail Address: jon.corbett@ubc.ca  
Cartography and society  
Community based resource management  
Community based research  
Social networking technologies

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1 Faculty information as of July 1, 2020
Kevin Hanna, PhD (Toronto)  kevin.hanna@ubc.ca
  Environmental impact assessment
  Integrated resource and environmental management
  Climate change and adaptation policy
  Natural resources policy in Canada and Northern Europe
Bernard Momer, MA (Ottawa)  bernard.momer@ubc.ca
  Rural and urban land use conflicts
  Creative sector in medium-size cities
  Urban planning and governance
Michael Pidwirny, PhD (Simon Fraser)  michael.pidwirny@ubc.ca
  Influence of human caused climate change on ski resorts in North America and Europe
  Climate change impact assessment
Ian Saunders, PhD (Simon Fraser)  ian.saunders@ubc.ca
  Glaciers and climate change
  Physical geography of mountain environments
Donna Senese, PhD (Waterloo)  donna.senese@ubc.ca
  Wine and food geographies
  Transformative Tourism
  Rural Resilience
Robert R. Young, PhD (Calgary)  robert.young@ubc.ca
  Subglacial processes
  Quaternary stratigraphy and geomorphology
  Tertiary and Quaternary environments/events

Associate Professor Emeritus
Fes de Scally, PhD (Waterloo)  fes.descally@ubc.ca
  Depositional processes and related hazards on high mountain fans
  Tropical cyclone and tsunami hazards in the Cook Islands
  Disaster risk reduction
  Sediment loading of debris flow channels by snow avalanches

Assistant Professors:
Mathieu Bourbonnais, PhD (Victoria)  mathieu.bourbonnais@ubc.ca
  Geographic Information Systems
  Spatial analysis and statistics
  Remote sensing
  Movement ecology

Senior Instructor:
Trudy Kavanagh, PhD (Western Ontario)  trudy.kavanagh@ubc.ca

Lecturer:
Mary Stockdale, PhD (Oxford)  mary.stockdale@ubc.ca
Catherine Kyle, PhD (UBC)  Catherine.kyle@ubc.ca
University of Calgary
Department of Geography
2500 University Drive NW, Calgary, AB T2N 1N4
(403) 220-5584 — Fax (403) 282-6561
Website: https://arts.ucalgary.ca/geography

Department Offers:
BA, BSc, MA, MGIS, MSc, PhD

Faculty

Professors Emeriti:  
Michael Coulson, PhD (Kansas)  coulson@ucalgary.ca  
Wayne Davies, PhD (University of Wales) wdavies@ucalgary.ca
Mario Giovinetto, PhD (Wisconsin) mgiovine@ucalgary.ca
Al Gonzalez, PhD (Texas)  gonzalez@ucalgary.ca
Stuart Harris, PhD (University of London)  harriss@ucalgary.ca
Peter Herrem, MA (Minnesota)  herrem@ucalgary.ca
Lawrence Nkemdirim, (University of London)  nkemdiri@ucalgary.ca
Nigel Waters, PhD (Western Ontario) nwaters@ucalgary.ca

Associate Professor Emeriti:
Lynn Rosenvall, PhD (California)  rosenval@ucalgary.ca

Professors:
Shelley Alexander, PhD (Calgary)  smalexan@ucalgary.ca
  Animal welfare in society and science
  Conservation GIS
  Coyote and wolf behaviour, ecology and conservation
  Human-animal relationships
  Human-coyote conflict
  Road ecology in temperate and tropical ecosystems
Darren Bender, PhD (Carleton)  dbender@ucalgary.ca
  Geographic information systems
  Spatial modelling
  Landscape ecology
Stefania Bertazzon, PhD (Calgary)  betazzs@ucalgary.ca
  Spatial analysis
  Health geography
  Environmental health
Dianne Draper, PhD (Waterloo)  draper@ucalgary.ca
  Environmental and resource management
  Parks and protected areas
  Sustainable tourism
  Tourism and growth management
  Pedagogy, contemplative, experiential
Shawn Marshall, PhD (British Columbia)  marshals@ucalgary.ca
  Climate change
  Climatology
  Glaciology
  Paleoclimate
  Arctic and mountain regions

Yvonne Martin, PhD (British Columbia)  ymartin@ucalgary.ca
  Biogeoscience
  Drainage basin development
  Fluvial geomorphology
  Hillslope geomorphology
  Geomorphology/ecology/hydrology interactions
  Carbon storage along rivers
  Landscape/terrain structure and analysis
  Numerical modeling
  Sediment transport processes

Greg McDermid, PhD (Waterloo)  mcdermid@ucalgary.ca
  Remote sensing
  Geospatial analysis
  Environmental monitoring
  Forest restoration
  Wildlife habitat assessment

Byron Miller, PhD (Minnesota)  bavrmill@ucalgary.ca
  Politics of urban sustainability
  Spatialities of social movement mobilization
  Social and environmental implications of smart cities
  Neighbourhood change and polarization

Brian Moorman, PhD (Carleton)  moorman@ucalgary.ca
  Environmental geophysics
  Glacial hydrology
  Permafrost
  Remote sensing

John Yackel, PhD (Manitoba)  yackel@ucalgary.ca
  Arctic sea ice
  Microwave remote sensing of sea ice
  Polarimetric synthetic aperture radar
  Snow cover processes on sea ice

Associate Professors:

Gwendolyn Blue, PhD (North Carolina)  ggblue@ucalgary.ca
  Public controversies
  Public engagement
  Science and technology studies
  Climate change
  Genomic applications
  Posthumanism

Conny Davidsen, PhD (Dresden)  davidesen@ucalgary.ca
  Community based forest management & local control
  Conservation policy processes in Latin America
  Forest and environmental governance in Western Canada
Brent Else, PhD (Manitoba)  
belse@ucalgary.ca
Air-sea gas exchange  
Arctic Ocean biogeochemistry  
Sea ice energy balance

David Goldblum¹, PhD (Colorado)  
david.goldblum@ucalgary.ca
Biogeography  
Dendoclimatology  
Forest ecology  
Restoration ecology

Geoffrey Hay, PhD (Montréal)  
gjhay@ucalgary.ca
GEOBIA: Geographic Object Based Image Analysis  
GeoWeb technologies  
High-resolution thermal infrared imaging  
Multiscale urban heat islands  
Remote sensing and geoinformatics: Urban remote sensing

Wil Holden, PhD (Calgary)  
wh Holden@ucalgary.ca
The Philippines  
The meteorological hazards of anthropogenic climate change  
The efficacy of mining as a development strategy  
Insurgency/counterinsurgency  
State terrorism  
The roles played by liberation theology and Maoism as counter hegemonic discourses in the twenty-first century

Chris Hugenholtz (Calgary)  
chhugenh@ucalgary.ca
Earth Science  
Climate change

Dan Jacobson, PhD (Belfast)  
dan.jacobson@ucalgary.ca
Blindness: Disability  
Cartography  
Geospatial science  
Human computer interaction  
Spatial cognition  
Geospatial humanities

Marit Rosol, PhD (Humboldt-Universität zu Berlin)  
marit.rosol@ucalgary.ca
Urban geography  
Economic geography  
Critical food studies  
Housing  
Urban gardening  
Participation  
Governance  
Governmentality  
Political economy  
(Urban) political ecology  
Hegemony

Darren Sjogren, PhD (Alberta)  
sjogren@ucalgary.ca
Natural Hazards  
Pedagogy in international field settings

¹ Department Head
Tricia Stadnyk, PhD, P.Eng. (Waterloo)  tricia.stadnyk@ucalgary.ca
  Hydrology and climate change
  Watershed modelling
  Isotope geochemistry

Eliot Tretter, PhD (John Hopkins)  etretter@ucalgary.ca
  Knowledge economy
  Urban political economy
  Digitization and Natural Resources

Assistant Professors:

Ryan Burns, PhD (Washington)  ryan.burns1@ucalgary.ca
  Urban Geography
  GIScience
  Critical social theory
  Digital humanitarianism
  Urban GIS
  Political economy of technology
  Digital research methods

Victoria Fast, PhD (Ryerson)  victoria.fast@ucalgary.ca
  Urban GIS
  Spatial accessibility
  Volunteered geographic information systems
  Smart cities
  Social justice

Chui-Ling Tam, PhD (Waterloo)  cltam@ucalgary.ca
  Canadian arctic
  Development communication
  Environmental and resource management
  Marine areas
  Oil Economy
  Participation
  Social innovation

Faculty Professor:

Stuart Harris, PhD (London)  harriss@ucalgary.ca
  Climate change
  Paleo environments
  Permafrost
  Terrestrial molluscs

Adjuncts:

Denise Fay Brown, PhD (California)  dfbrown@ucalgary.ca
Guillermo Castilla, PhD (Madrid)  gcastill@ucalgary.ca
Alison Criscitiello, PhD  acriscti@ucalgary.ca
Simon Evans, PhD (Calgary)  evansss@ucalgary.ca
Torsten Geldsetzer, PhD (  geldsetz@ucalgary.ca
S. Craig Gerlach, PhD (Brown)  scgerlac@ucalgary.ca
Geoff Ghitter, PhD (Calgary)  gghitter@ucalgary.ca
Michael Gibeau, PhD (Calgary)  mike.gibeau@ucalgary.ca
Miriam Grant, PhD (Queen’s)  grant@ucalgary.ca
<table>
<thead>
<tr>
<th>Name</th>
<th>University/Location</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jahan Kariyeva, PhD</td>
<td>Arizona</td>
<td><a href="mailto:kariyeva@ualberta.ca">kariyeva@ualberta.ca</a></td>
</tr>
<tr>
<td>Cristina Lazcano, PhD</td>
<td>Viga</td>
<td><a href="mailto:cristina.lazcano@ucalgary.ca">cristina.lazcano@ucalgary.ca</a></td>
</tr>
<tr>
<td>Barb McNicol, PhD</td>
<td>Calgary</td>
<td><a href="mailto:bmcnicol@mtroyal.ca">bmcnicol@mtroyal.ca</a></td>
</tr>
<tr>
<td>Lynn Moorman, PhD</td>
<td>British Columbia</td>
<td><a href="mailto:lmoorman@ucalgary.ca">lmoorman@ucalgary.ca</a></td>
</tr>
<tr>
<td>Tariq Munir, PhD</td>
<td>Calgary</td>
<td><a href="mailto:tmmunir@ucalgary.ca">tmmunir@ucalgary.ca</a></td>
</tr>
<tr>
<td>Carol Patterson</td>
<td>Calgary</td>
<td><a href="mailto:pattersc@ucalgary.ca">pattersc@ucalgary.ca</a></td>
</tr>
<tr>
<td>Kathy Rettie, (St. Andrews)</td>
<td></td>
<td><a href="mailto:kmrettie@gmail.com">kmrettie@gmail.com</a></td>
</tr>
<tr>
<td>Rizwan Shahid, PhD</td>
<td>Calgary</td>
<td><a href="mailto:rizwan.shahid1@ucalgary.ca">rizwan.shahid1@ucalgary.ca</a></td>
</tr>
<tr>
<td>Maria Stack, PhD</td>
<td>Hamilton</td>
<td><a href="mailto:mstrack@ucalgary.ca">mstrack@ucalgary.ca</a></td>
</tr>
</tbody>
</table>
Department Offers

The UFV School of Land Use and Environmental Change (SLUEC) offer five programs that support geography. These five programs include Agriculture, Environmental Studies, Geographic Information Systems, Human Geography, and Physical Geography. Each of these programs offers an undergraduate credential, specifically Bachelors of Agriculture Science: Horticulture, Bachelors of Environmental Studies (with and without a natural science component), GIS certificate, Bachelors of Arts: Geography, and Bachelors of Science: Physical Geography. The Human Geography and Physical Geography programs offer major, Honours major, extended minor, and minor credentials. An Urban Studies and Planning Concentration is available in association with the Bachelors of Arts degree. Co-operative education, work study, and research assistantships are available.

Faculty

Emeritus Faculty:

John Belec, PhD (Queens)  
Urban studies  
Housing  
Cross-border regions  

Trevor Carolan, PhD (Bond)  
Bioregional studies  
Cascadia  
Geopoetics  

David Gibson, MA (UC Davis)  
Cultural geography  
Mexico  

Facility:

Carolyn Atkins, MSc (Saskatchewan)  
Physical geography  
Geomorphology  

Cherie Enns, RPP, PhD (Tanzania)  
Tactical urbanism  
Urban planning policy  
Climate change  
Pandemic planning  
Refugee settlement and development policy  
Children and the city  
History of planning  

E-mail Address:

John belec@ufv.ca  
trevor.carolan@ufv.ca  
david.gibson@ufv.ca  
carolyn.atkins@ufv.ca  
cherie.enns@ufv.ca
Jonathan Hughes, PhD (Simon Fraser)  jonathan.hughes@ufv.ca
  Biogeography
  Landscape ecology
  Soil science
  Paleoecology
Olav Lian, PhD (Western Ontario)  olav.lian@ufv.ca
  Quaternary sedimentology
  Stratigraphy
  Paleoenvironments
  Geochronology
  Paleoecology of non-glacial intervals
  Paraglacial sedimentation
  Loess-Paleosol sequences
  Holocene Aeolian activity
Mariano Mapili, PhD (UBC)  mariano.mapili@ufv.ca
  Agricultural biogeography and conservation
  Geographic Information Systems
  Biological remediation of contaminated environments
  Agricultural waste management
Steven Marsh, MSc (Regina)  steven.marsh@ufv.ca
  Climate Change
  Water quality
  Environmental studies
Lenore Newman¹, PhD (York)  lenore.newman@ufv.ca
  Agricultural land use
  Agricultural technology
  Global food systems
Kathy Peet, BSc (UNBC)  kathy.peet@ufv.ca
  Physical geography
Stefania Pizzirani, PhD (Massey)  Stefania.pizzirani@ufv.ca
  Environmental resource management
  Community forestry
  Indigenous research
Afia Raja, PhD (Texas A&M)  afia.raja@ufv.ca
  Urban planning
  Geographic information systems
  Sustainable transportation
Michelle Rhodes, PhD (Simon Fraser)  michelle.rhodes@ufv.ca
  Resource and economic geography
  Geopolitics
  Environmental studies
  Community forestry

¹ Tier II Canada Research Chair
Scott Shupe, PhD (Arizona)  
Geographic information science  
Remote sensing  
Land use/land cover mapping and monitoring  
Natural resources  
Arid lands

Limited Term Faculty:

Jennifer Hetherington, MRM (SFU)  
Resource and environmental management  
Tourism and recreation  
Physical geography

Seamus Murphy, PhD (London)  
Social anthropology of development  
Environmental forestry  
Geographic information systems and remote sensing

Jason Young, PhD (McGill)  
Historical geography of science  
Social and political geography  
Geography of surveillance and drone technology

Adjunct Faculty:

Alex Awiti, PhD (Nairobi)  
Ecosystem ecology

Tatu Mtqangi Limbumba, PhD (KTH, Stockholm)  
Built environments  
Infrastructure planning

Lionel Pandolfo, PhD (Yale)  
Synoptic climatology  
Climate variability  
Climate modeling

Bernhard Puecker-Ehrenbrink, PhD (Max Planck)  
Global rivers  
Geochemistry

Dan Selbie, PhD (Queen’s)  
Fisheries and aquatic ecology  
Paleolimnology

Post-Doctoral Fellow:

Robert Newell, PhD (UVic)  
Sustainable community development  
Integrated planning and stakeholder engagement  
Climate change policy
Associate Members:

Trevor Carolan, PhD (Bond)  
Bioregional studies  
Cascadia  
Geopoetics  
trevor.carolan@ufv.ca

Alan Reid, PhD (British Columbia)  
Biosystematics  
Plant anatomy  
Community engagement  
Ethnobotany  
alan.reid@ufv.ca

School Assistant:

Amy Huesken, BA (UFV)  
amy.huesken@ufv.ca
Department Offers

MA, MSc, PhD in Geography; MA, MSc in Collaborative International Development Studies

Faculty

*Professors Emeriti:*  
E-mail Address:

Gerald T. Bloomfield, PhD (Nottingham)  
gbloomfi@uoguelph.ca
Fredric A. Dahms, PhD (Auckland)  
fdahms@uoguelph.ca
Robin G. Davidson-Arnott, PhD (Toronto)  
rdarnott@uoguelph.ca
Alun E. Joseph, PhD (McMaster)  
ajoseph@uoguelph.ca
Philip D. Keddie, PhD (Manitoba)  
reidk@uoguelph.ca
Kiyoko Miyanishi, PhD (York)  
kmiyani@uoguelph.ca
Michael R. Moss, PhD (Sheffield)  
mmoss@uoguelph.ca
William G. Nickling, PhD (Ottawa)  
nickling@uoguelph.ca
Barry E Smit, PhD (McMaster)  
bsmit@uoguelph.ca
Kok-Chiang Tan, PhD (London, UK)  
kctan@uoguelph.ca

*Professors:*  
E-mail Address:

Aaron Berg, PhD (California-Irvine)  
aberg@uoguelph.ca
Hydrology and remote sensing  
Spatial scaling of hydrologic features
Evan Fraser, PhD (British Columbia)  
frasere@uoguelph.ca
Food security, climate change and economic globalization  
The history of food crises and food riots  
The role of and barriers to local food systems
John Smithers, PhD (Guelph)  
jsmither@uoguelph.ca
Rural landscapes and amenity development  
Local food supply chains  
Agricultural adaption
Wanhong Yang, PhD (Illinois)  
wayang@uoguelph.ca
Integrated economic-hydrologic-GIS modeling  
for evaluating cost effectiveness of agricultural conservation programs

1 Chair
**Associate Professors:**

Ben Bradshaw, PhD (Guelph)  
bbradsha@uoguelph.ca  
Impact and Benefit Agreements (and governance) in the Canadian mining sector  
Agri-environmental Governance

Kirby Calvert, PhD (Queen’s)  
calvertk@uoguelph.ca  
Energy transitions  
Community energy planning  
Integration of land-use planning and energy planning  
Renewable energy resource mapping and spatial planning

Jaclyn Cockburn, PhD (Queen’s)  
jaclyn.cockburn@uoguelph.ca  
Impacts of climate and environmental variability on surface processes  
Sedimentary processes in freshwater systems  
Impacts of extreme events on sediment yield and sediment budgets

Ze’ev Gedalof, PhD (Washington)  
zgedalof@uoguelph.ca  
Rates and mechanism of treeline advance in the Canadian Cordillera  
Fire ecology of mixed-severity fire regimes  
Tree-rings and climate

Philip A. Loring, PhD (University of Alaska)  
phil.loring@uoguellph.ca  
Sustainability  
Human ecology  
Food systems  
Fisheries and coastal communities

Faisal Moola, PhD (Dalhousie)  
fmoola@uoguelph.ca  
Forest conservation and management  
Ecology and ethnoecology of heathlands  
Environmental policy  
Indigenous-led conservation

Noella Gray, PhD (Duke)  
grayn@uoguelph.ca  
Political ecology  
Marine conservation  
Science-policy interface  
Tourism  
Global conservation governance  
Belize and Oceania

Roberta Hawkins, PhD (Clark)  
rhawkins@uoguelph.ca  
Feminist geographies  
Everyday practices of ‘global change’  
Cultural politics of sustainability  
Digital geographies

John Lindsay, PhD (Western Ontario)  
jlindsay@uoguelph.ca  
Applications of geospatial analysis to study biophysical processes and the development of open-source GIS

Kate Parizeau, PhD (Toronto)  
kate.parizeau@uoguelph.ca  
Waste management and its social context  
Mental Health in the Academe
Robin Roth, PhD (Clark)  
Political ecology  
Conservation policy and practice  
Forest governance  
Indigenous led conservation  
North America and Southeast Asia  
robin.roth@uoguelph.ca

Jennifer Silver, PhD (Simon Fraser)  
Political ecology  
Cultural and digital politics  
Fisheries, aquaculture, and coastal development  
jsilve01@uoguelph.ca

Assistant Professors:

Ben DeVries, PhD (Wageningen)  
Remote sensing of ecosystem change  
Disaster mapping, risk and response  
bdv@uoguelph.ca

Eric Nost, PhD (Wisconsin-Madison)  
Political ecology  
Digital governance  
Webmapping and GIS  
Conservation and environmental policy, markets, and justice  
enost@uoguelph.ca
Department Offers

BA, BSc, BASc, MA, MSc, PhD in Geography, a concentration in the Geographical Information Sciences (BA/BSc), Environmental Science, Remote Sensing, Urban and Regional Studies, Archaeology, Geography and a Multidisciplinary Major in Computer Science and Geographical Information Sciences

Faculty

Professors Emeriti:

Walter E. Aufrecht, PhD (Toronto) aufrech@uleth.ca
Ian R. MacLachlan, PhD (Toronto) maclachlan@uleth.ca
Robert Rogerson, PhD (Macquarie) rjrogerson@gmx.com
Karl Staenz, PhD (Switzerland) karl.staenz@uleth.ca

Professors:

René W. Barendregt, PhD (Queen's) barendregt@uleth.ca

Late Cenozoic paleoenvironments and climate change: a western hemisphere comparison of continental, cordilleran, and local montane and upland glacial/interglacial records (North and South America)

Late Cenozoic magnetostratigraphy and proxy records of climate change obtained from glacial/interglacial sequences in North and South America, Europe, and Africa

Late Cenozoic magnetostratigraphy of gold and diamond-bearing gravels: reconstruction of river terrace chronosequences, paleoflow, and sediment provenance.

Late Cenozoic climate change and tectonics (Bolivia and Argentina and Chile). Time Averaged Paleo-secular variation of earth’s magnetic field during the past 5.0 Ma obtained from basalts occurring between 50 to 65° north & south latitude.

Miocene and Pliocene magneto- and bio-stratigraphy, paleopedology, and erosional cycles (Argentina, western Canada).

Remote sensing and mapping of Quaternary surficial geology and soils.

Geoarchaeology: Cromerian deposits and first peopling in East Anglia.

Historical Geology: Mapping Hannibal’s invasion route into Italy. Nature of Mt. Nass, B.C. volcanic eruptions during recent historic times.
Shawn Bubel, PhD (KU Leuven)  
bubest@uleth.ca  
Flora and faunaturbation on the archaeological record  
Geoarchaeology and experimental archaeology  
Prehistoric archaeology of the Old and New World

James M. Byrne, PhD (Alberta)  
byrne@uleth.ca  
Cause and effect associations in the occurrence of waterborne pathogens  
Changes in water supply resulting from climate change

Craig Coburn¹ PhD (Simon Fraser)  
craig.coburn@uleth.ca  
Bidirectional reflectance  
Remote sensing systems  
Remote sensing texture analysis  
Terrain modelling  
Remote sensing and GIS in forestry

Christopher Hopkinson, PhD (Wilfred Laurier)  
c.hopkinson@uleth.ca  
CAIP Research Chair in Terrestrial Ecosystems Remote Sensing  
Lidar technology and applications  
Water resources  
Mountain hydrology  
Forest resources

Daniel Johnson, PhD (UBC)  
dan.johnson@uleth.ca  
Biodiversity  
Ecology of semi-arid ecosystems  
Grassland insects  
Invasive species  
Potato psyllid and zebra chip monitoring  
Sustainable agriculture  
Ecological modelling and data analysis

Stefan Kienzle PhD (Heidelberg)  
stefan.kienzle@uleth.ca  
Simulating climate change impacts on water resources  
Mapping climate change  
Conservation GIS in wildlife reserve management  
Spatial modelling  
South Africa

Matthew Letts, PhD (London)  
matthew.letts@uleth.ca  
Climate Change and mountain hydrology  
Changes in water supply resulting from climate change  
Ecology of semi-arid ecosystems  
Human adaptation to climate change  
Local capacity to manage water  
Modelling the spatial distribution of snow pack in montane regions  
Eco physiology  
Plant stress ecology  
Microclimatology  
Latin America  
Environmental change, mountain terrain analysis, water studies  
Fluxnet-Canada – carbon cycling, PRI

¹ Chair (Faculty information as of July 1, 2018)
Kevin McGeough, PhD (Penn)  mcgekm@uleth.ca
Historical Geography
Language and cultures of Near Eastern and Classical regions
Syro-Palestinian archaeology

Derek R. Peddle, PhD (Waterloo)  derek.peddle@uleth.ca
Director – Alberta Terrestrial Imaging Centre (ATIC)
Remote sensing, GIS, mapping
Forestry, agriculture, mountains, water
Spatial modelling and computational methods

Ivan Townshend, PhD (Calgary)  towni0@uleth.ca
Community social and economic impact of TSE's
Community structures and the self-employment change in the Canadian and
British urban systems
Employment structure of First Nations communities
Gated communities and the privatization of urban space
Geography of the voluntary sector housing initiatives
Income segregation
Population health and urban ecology of well-being
Urban and rural community differences

Wei Xu, PhD (Guelph)  weixu@uleth.ca
Changing dynamics of land-use and economic restructuring in rural China
Rural vulnerability to drought in Western Canada and China

Associate Professors:

Philip Bonnaventure, PhD (Ottawa)  philip.bonnaventure@uleth.ca
Permafrost in mountain and High Arctic environments, climate change,
microclimatolgy of mountain and boreal environments, geomorphology and
Earth surface processes, hydrology, environmental modelling and Geographical
Information Systems

Maura Hanrahan, PhD (London)  maura.hanrahan@uleth.ca
University of Lethbridge Board of Governors Research Chair Tier II
Historical geography of the Artic
Indigenous and rural water security
Drinking water policy
Inuit political geography
Newfoundland Mi'Kmaq political geography

Hester Jiskoot, PhD (Leeds)  hester.jiskoot@uleth.ca
Glacier inventory compilation and analysis
Ice flow dynamics and glacier surging
Snowpack trends in the Canadian Rockies
Statistical and numerical ice sheet and glacier system analysis
Rockslides on glaciers
Tributary-trunk interactions and dynamic ice flow restrictions

Thomas R. Johnston, PhD (Waterloo)  johnston@uleth.ca
Adoption of drought-proofing measures by farmers and ranchers
Rural land use planning and policy evaluation
Human dimensions of environmental change
Assistant Professors:

Laura Chasmer, PhD (Queen's)  laura.chasmer@uleth.ca
   Expertise in northern ecosystems, remote sensing, hydro-meteorology, climate
   Change
Julie Young, PhD (York)  julie.young@uleth.ca
   Canada Research Chair in Critical Border Studies
   Political geography
   Critical border studies
   Refugee and migration policy, practice, and advocacy
   North and Central America

Instructors:

Jolene Debert  jolene.debert@uleth.ca
Marcus Dostie  marcus.dostie@uleth.ca

Adjunct Faculty:

Cárcamo, Héctor, PhD (U of C)  hector.carcamo@canada.ca
   Soil Ecology/Agricultural Entomology
Wayne Davies, PhD (Wales)  wdavies@ucalgary.ca
   Urban Geography
   Methods
   Exploration Geography
   Philosophy of Geography
Scott Heckbert, PhD (Melbourne)  scott.heckbert@aer.ca
   Environmental Science, student training and community engagement
Tom Jensen, PhD (U of A)
   Research, extension, and farm-level consulting experience in crops and soils.
Larry Kawchuk, PhD (UBC)  lawrence.kawchuk@canada.ca
   Plant Science/Botany
Roland Kroebel, PhD (Hohenheim)  roland.kroebel@canada.ca
   Ecology Modelling
Ryan MacDonald, PhD (Lethbridge)  ryan.macdonald@machydro.ca
   Env/Sci/Hydrology
Ross McKenzie, PhD (Saskatchewan)  rossmckenzie@shaw.ca
   Soils and Irrigated Agriculture
Trevor Peck, PhD (Calgary)  trevor.peck@gov.ab.ca
   Archeology
Heinz Pyszczyk, PhD (Manitoba)  heinz.pyszczyk@gov.ab.ca
   Archeology
Anne Smith, PhD (Strathclyde)  anne.smith@agr.gc.ca
   Remote Sensing
Harry Spaling, PhD (Guelph)  harry.spaling@kingsu.ca
   Environmental Science
Department Offers

MA, MSc, PhD

Faculty

Professors:  E-mail Address:

David Barber, PhD (Waterloo)  David.Barber@umanitoba.ca
  Causes of change in both dynamic and
  thermodynamic processes of sea ice due to climate forcing
  Consequences of the above changes on marine and human systems
  Techniques required to improve our ability to assess
  Arctic climate change

Richard Baydack, PhD (Colorado State)  Rick.Baydack@umanitoba.ca
  Biogeography
  Conservation of biological diversity
  Ecosystem management
  Sustainable agriculture
  Sustainable water management
  Wildlife and fisheries habitat

Michael Campbell, PhD (Washington)  Michael.Campbell@umanitoba.ca
  Sustainable nature-based tourism
  Recreation ecology
  Human dimensions of wildlife management
  Community tourism and development
  Parks and protected areas planning and management

Dorthe Dahl-Jensen¹, PhD (Denmark)  Dorthe.Dahl-Jensen@umanitoba.ca
  Climate change
  Arctic ice
  Sea levels

John Hanesiak, PhD (Manitoba)  John.Hanesiak@umanitoba.ca
  Extreme/severe weather & storms
  Climate change effects on storms
  Surface-atmosphere interactions

¹ Dorthe Dahl-Jensen is also a member of the Arctic Institute of North America.
Stephane McLachlan, PhD (York)  Stephane.Mclachlan@umanitoba.ca
  Action and participatory video research
  Biogeography of invasives
  Environmental justice and Indigenous rights
  Environmental restoration
  Experiential education and community service learning
  Participatory mapping of local rural and Indigenous knowledge
  Participatory risk analysis of disease (BSE, TB) and GM crops
  Spatiotemporal impacts of industry (e.g. Oil Sands, hydro)
  Urban agriculture and agroecology
  Watershed management and land use planning

Jill Oakes, PhD (Manitoba)  Jill.Oakes@umanitoba.ca
  Alaskan coastal cultures
  Aviation, Cycling, and the environment
  Hudson’s Bay Company families at York Factory 1900-1930
  Indigenous peoples and environmental change
  Island human and bio-geography

Tim Papakyriakou, PhD (Waterloo)  Tim.Papakyriakou@umanitoba.ca
  Microclimatology
  Carbon cycle of high latitude aquatic and marine systems with an emphasis on GHG source/sink characteristics

Ronald Stewart, PhD (Toronto)  Ronald.Stewart@umanitoba.ca
  Climate change and mountainous regions
  Extreme events including storms and drought
  Winter precipitation

Julienne Stroeve¹, PhD (Colorado)  Julienne.Stroeve@umanitoba.ca
  Climate Forcing of Sea Ice

Feiyue Wang*¹, PhD (Peking)  Feiyue.Wang@umanitoba.ca
  Environmental chemistry
  Sea ice geochemistry
  Biogeochemistry
  Chemical oceanography

Associate Professors:

Mary Benbow, PhD (Liverpool)  Mary.Benbow@umanitoba.ca
  Critical cartography and human-nature relationships
  (applied to historical and contemporary zoo maps)
  Examination of messages concerning climate change in zoos (specifically in Arctic themed exhibits) and the use of overheard conversation techniques to monitor visitor response
  Photographs at the zoo: Meanings, intentions, and doings
  Social, cultural and environmental implications of zoos and aquariums; part of a broader field “Animal geographies”

¹ Canada Research Chair (Tier 1)
*Not Geographers
Bonnie Hallman, PhD (Guelph)  
Illness/mobility loss and the experience of environment  
Family geographies and leisure environments  
Therapeutic landscapes  
Zoos as social/cultural spaces  
Bonnie.Hallman@umanitoba.ca  

Jens Ehn, PhD (Manitoba)  
Light propagation and light-matter interactions in Arctic estuarine, marine and sea ice environments.  
Processes and feedbacks controlling air-ice-ocean interactions, sea ice formation and melting.  
Seasonal evolution, trends and variability of sea ice covered environments.  
Freshwater-marine interactions in Arctic and sub-Arctic coastal and shelf waters.  
Jens.Ehn@umanitoba.ca  

Mark Hanson*2, PhD (Guelph)  
Ecotoxicology  
Freshwater ecosystems  
Mark.Hanson@umanitoba.ca  

C. J. Mundy, PhD (Manitoba)  
Physical and biological processes controlling timing of primary production in ice-covered seas  
Sea ice and marine bio-optics  
CJ.Mundy@umanitoba.ca  

Jonathan Peyton, PhD (British Columbia)  
Environmental and social geographies of subarctic North America  
Megaprojects  
Energy politics and policy  
Mining  
Resource conflict  
Environmental history/historical geography  
Political ecology  
Nature and culture in Canada  
Politics of environmental assessment.  
Jonathan.Peyton@umanitoba.ca  

Assistant Professor:  

Bruce Erickson, PhD (York)  
The relationship between neoliberalism, climate change and ecotourism in Northern Canada  
Race, Tourism and Nature  
The Anthropocene, Race and Contemporary Environmentalism  
Critical perspectives on canoeing in Canada  
Bruce.Erickson@umanitoba.ca  

Eric Collins, PhD (Waterloo)  
Microorganisms in the cryosphere  
Metabarcoding  
Genomics  
Transcriptomics  
Eric.Collins@umanitoba.ca  

2 Department Head  
*Not Geographers
David Walker, PhD (Manitoba)  
Data integration and spatial modelling  
Ecosystem dynamics and human and wildlife interactions with landscapes  
International conservation research  
Invasive species and biological conservation  
Landscape diversity and fragmentation  
Quantitative terrestrial ecology & biogeography specializing in landscape systems

Instructors:
Lisa Ford, MA (Saskatchewan)  
First year undergraduate teaching in Geography  
Natural Hazards and Social Vulnerabilities to Hazards  
New media as an educational tool in post-secondary education
John Iacozza, PhD (Manitoba)  
Application of remote sensing and spatial statistics to Arctic marine environments and habitat relationships  
Circumpolar climate change impacts on marine environments  
Habitat environmental characteristics of Arctic marine mammals  
Spatial and temporal distribution of snow on sea ice
Johny Stephen, PhD (Amsterdam)  
Issues and challenges in water management
Janna Wilson, PhD (Manitoba)  
First year undergraduate teaching in Geography  
Geography of Canada  
Geography of Canadian Prairie Landscapes  
Geography of United States  
Geomorphology

Senior Scholars:
Geoffrey Smith, PhD (McMaster)  
Canadian senior citizen housing  
Elderly retirement migration  
Institutional care resources for older people in the UK  
Spatial changes in the elderly population of England and Wales

Distinguished Professor Emeritus:
Vaclav Smil, PhD (Penn. State)  
Energy myths and realities  
Energy transitions  
The two prime movers of globalization: History and impact of diesel engines and gas turbines  
Why America is NOT a new Rome
University of Northern British Columbia
Geography Program
3333 University Way, Prince George, BC V2N 4Z9
Phone 250.960.5881 — Fax 250.960.6533
E-Mail: catherine.nolin@unbc.ca
Website: www.unbc.ca/geography

Department Offers

BA, BSc, BA (Public Administration and Community Development)
MA, MSc & PhD NRES Natural Resources and Environmental Studies (Geography)
MA & MSc (Interdisciplinary Studies)

Faculty

Professors:  

Gail Fondahl, PhD (UC Berkeley)  
    Arctic social indicators
    Human development in the Arctic/Subarctic
    Legal geographies of indigenous rights (especially Russian North)
    Sustainable development in the Arctic/Subarctic

Greg Halseth, CRC, PhD (Queen’s)  
    Community development /community economic development
    Restructuring in resource dependent towns
    Rural and regional development

Neil Hanlon, PhD (Queen’s)  
    Community adaptation to population aging
    Health service delivery in rural and remote locations
    Voluntarism and community development

Brian Menounos, CRC, PhD (UBC)  
    Paleo-environmental reconstruction
    Past and present glacier fluctuations
    Sediment budgeting and sediment transport in mountain environments

Catherine Nolin¹, PhD (Queen’s)  
    ‘Development’, impunity, and political violence in Guatemala
    Memory, trauma, and testimony in Guatemala and Peru
    Qualitative methods
    Social geography of forced migration and refugee movements
    Social impacts of Canadian mining in Guatemala and Peru

Ellen Petticrew, PhD (McGill)  
    Biogeomorphology
    Fine sediment transfers and storage in freshwaters
    Lake restoration and community stewardship
    Landscape disturbances and linkages between terrestrial and aquatic systems

¹ Chair (faculty information as of August 1, 2020)
Mining impacts on aquatic systems
Sediment flocculation processes

Roger Wheate, PhD (St. Andrews)  roger.wheate@unbc.ca
  Glacier inventory and change using remote sensing
  Mountain cartography incorporating remote sensing and GIS processing
  Topographic mapping design and history

Associate Professors:

Zoë Meletis, PhD (Duke)  zoe.meletis@unbc.ca
  Community-environment relations (e.g. re conservation; climate change)
  Feminist research, service, and mentoring
  Pedagogy and empathy
  Perceptions of environment (e.g. wildlife & domesticated animals; fishing)
  Tourism, ecotourism, and sea turtle tourism

Assistant Professors:

Joseph Shea, PhD (UBC)  joseph.shea@unbc.ca
  Airborne and spaceborne imagery and data
  Changes in snow, ice, and water supplies in mountain regions
  The role of snow, ice, and permafrost in local and regional hydrology
  Unmanned air vehicle (UAV) research applications

Limited Term Instructors:

Faran Ali, PhD (Saskatchewan)  faran.ali@unbc.ca
  Construction of sediment budgets for large drainage basins
  Implications of climate and land use change on watershed hydrology
  Spatially distributed water erosion modelling

Senior Lab Instructor:

Christine Jackson, BSc (UBC), BEd (Western Ontario)  chris.jackson@unbc.ca

Adjunct Faculty:

Samuel Albers, Matthew Beedle, Bill Floyd, Sarah de Leeuw, Sean Markey, Marleen Morris, John Rex & Grahame Russell

Associated Faculty:

Ping Bai, Peter Jackson, Phillip Owens & Margot Parkes
Programmes d'études / Department Offers

BA, BSc, MA, MSc, PhD

Corps professoral / Faculty

Professeurs émérites / Professors Emeritus :

Anne Gilbert, PhD (Ottawa)  agilbert@uottawa.ca
Bernard Lauriol, PhD (Montréal)  blauriol@uottawa.ca
Peter Johnson, PhD (Leeds)  peterj@uottawa.ca
Léon Ploegaerts, PhD (Montréal)  lpgeo@uottawa.ca
Denis St-Onge, PhD (Louvain)  dst-onge@gsc.nrcan.gc.ca
Barry Wellar, PhD (Northwestern)  wellarb@uottawa.ca

Professeurs titulaires / Full Professors:

Marc Brosseau, PhD (Paris)  mbrossea@uottawa.ca
Ecrire la ville multiculturelle
La frontière au quotidien : l’expérience des lieux à Ottawa-Gatineau (CRSH)
Les rencontres de la géographie et de la littérature
Lieux et écriture : une lecture géographique de l’œuvre de Charles Bukowski

Huhua Cao, PhD (Laval)  caohuhua@uottawa.ca
Canada-Europe International Cooperation Project on Sustainable Cities:
Converting brownfields into community assets from an international perspective (Human Resources and Skills Development Canada, European Union)
Construction of an information platform/module in eco-agricultural assessment and management (EAM) (Ministry of Science and Technology of the government of China -MOST)

Luke Copland, PhD (Alberta)  luke.copland@uottawa.ca
Area and volume changes of Canadian arctic ice caps
Dynamics and recent changes of ice shelves (Ellesmere Island)
Controls on short-term variations in glacier dynamics (Canadian Arctic, Yukon, Karakoram Himalaya)

Eric Crighton, PhD (McMaster)  eric.crighton@uottawa.ca
Health Geography
Socioeconomic and environmental determinants of health
Environmental risk perception and behaviours
Environmental health education
Access to healthcare

Konrad Gajewski, PhD (Wisconsin)  
gajewski@uottawa.ca
Postglacial paleoenvironments of the Canadian Arctic Archipelago
Analysis and modelling of climate change impacts on the Canadian boreal forest
High-resolution vegetation and climate history of the Ottawa-Gatineau region
Human impacts on the North American ecosystem over the past 12000 years
Regional and global scale paleoclimate reconstruction of the past 2000
and past 20000 years

Antoni Lewkowicz, PhD (Ottawa)  
alewkowi@uottawa.ca
Glaces souterraines dans le nord du Yukon
Karst du nord-ouest canadien (Bear Cave, Lime Peaks)
et de la vallée du Saint-Laurent

Marc Saner PhD (Basel, Switzerland)  
msaner@uottawa.ca
Environmental ethics and justice
Governance and risk management
Science-policy interface

Michael Sawada, PhD (Ottawa)  
msawada@uottawa.ca
Health GIS applications (contextual factors)
Improving paleoclimate reconstructions for the past 21,000 ka in North America
Spatial analytical application development in GIS
Spatial controls and mechanisms of late Quaternary rapid plant migrations

Professeurs agrégés / Associate Professors:

Kenza Benali, PhD (Montréal)  
kbenali@uottawa.ca
Géographies urbaine/culturelle
Les représentations socio-spatiales de la ville
Débats et conflits sur l’aménagement urbain
Revendications et contestations patrimoniales

Jackie Dawson, PhD (Waterloo)  
jackie.dawson@uottawa.ca
Climate change
Arctic marine governance
Arctic shipping and tourism
Economic Development in the Arctic

Anders Knudby, PhD (Waterloo)  
aknudby@uottawa.ca
Télédétection d’eaux peu profondes
L’environnement mondial
Modélisation de transfert radiatif
Déterminants environnementaux de la santé

Denis Lacelle, PhD (Ottawa)  
dlacelle@uottawa.ca
Investigation of near-surface permafrost disturbances on water quality
under changing climate near Fort McPherson, NWT, Canada
Origin, stability and habitability of ancient ground ice and permafrost
Organically-bound tritium and Cesium-137 as tracer of cryoturbation
in periglacial environment
Ice dynamics of perennially covered lakes in the Dry Valleys of Antarctica
Co-isotopic signatures of evolving ground ice in the cold dry
environments of Earth and Mars
Polar environments as planetary analogues
Development of field-deployable instruments for continuous high-frequency analysis in remote locations

Brenda MacDougall, PhD (Saskatchewan) brenda.macdougall@uottawa.ca
Metis history and culture
Landscape and memory
Social networking and genealogy research
Historical processes of identity formation by Aboriginal people (Metis and/or First Nations)
Processes of identity formation and reformation as a result of state mandated enfranchisement whether of a community or individuals

Brian Ray, PhD (Queens) bray@uottawa.ca
Gender relations and the use/meaning of urban space
Housing and homeownership
Social and economic integration of immigrants in cities
Social networks, diversity and inclusion
Sexuality, borders and citizenship

Luisa Veronis, PhD (Toronto) lveronis@uottawa.ca
Environmental change and migration
Immigration, settlement, and resilience in Canadian cities
Francophone immigration in minority contexts
Ethnic/multicultural/diaspora media and social media use among immigrants and refugees

André Viau, PhD (Ottawa) aviau@uottawa.ca
Contemporary and past climate research at local to global scales during the past 21,000 years. Current focus on paleotempestology in the North Atlantic basin during the Holocene. Big data analysis using climate proxies.

Professeurs adjoints / Assistant Professors:

Sonia Wesche, PhD (Wilfrid Laurier) swesche@uottawa.ca
Human dimensions of environmental change, community-engaged research, food security, water security, Indigenous health and well-being, Canada’s North, Arctic

Professeurs auxiliaires / Adjunct Professors:

David Burgess, PhD (Alberta) david.burgess@nrcan.gc.ca
Laurence Gray, PhD (Calgary) gray@nrcan.gc.ca
Saeid Homayouni, PhD saeid.homayouni@ete.inrs.ca
Stephen Howell, PhD stephen.howell@ec.gc.ca
Robert McLeman, PhD (Guelph) rmcleman@wlu.ca
Elena Ponomarenko, PhD (Moscou) eponoma3@uottawa.ca
Sharon Smith, PhD (Carleton) ss smith@nr can.gc.ca
Wesley VanWychen, PhD (Ottawa) wesley.van.wychen@uwaterloo.ca
University of Regina  
Department of Geography & Environmental Studies  
3737 Wascana Parkway, Regina, SK  S4S 0A2  
(306) 585-4222 — Fax (306) 585-4815  
Website: http://www.uregina.ca/arts/geography/

Department Offers

BA, BSc, BGISc, MA, MSc, PhD

Faculty

Professors Emeriti:  
Alexander Paul, PhD (Alberta)  
Canada  
Climatology  
Railroad geography  
USA  
Hansgeorg Schlichtmann, PhD (Tübingen)  
Cultural geography  
Semiotics of cartographic representations  
Thematic cartography

E-mail Address:

Alexander.Paul@uregina.ca  
Hans.Schlichtmann@uregina.ca

Instructor Emerita:

Marilyn Lewry, MA (Regina)  
Geography of Saskatchewan  
Historical geography

E-mail Address:

Marilyn.Lewry@uregina.ca

Professors:

Louis Awanyo², PhD (Queen’s)  
Biodiversity change in Ghana  
Environmental health in Ghana  
In-situ housing adjustments in Accra, Ghana  
Political ecology  
Louis.Awanyo@uregina.ca

Joseph Piwowar³, PhD (Waterloo)  
Climate change and grassland environments  
Environmental normals  
Geographical information systems (GIS) applications in resource management  
Hypertemporal image analysis  
Long-term monitoring and modelling of climate impacts through remote sensing  
Strategies for terrestrial change analysis  
Joe.Piwowar@uregina.ca

¹ Listing last updated in 2019  
² Luther College  
³ Faculty of Arts Associate Dean (Undergraduate) (Faculty info. as of July 1, 2016)
David Sauchyn, PhD (Waterloo)  
Adaptation of water management to climate change  
Climatic change of the past millennium  
Soil landscape sensitivity to climate variability and change

Associate Professors:

Janis Dale, PhD (Queen’s), P.Geo, FGC  
Biostratigraphy of the Eastend Formation  
Glacial geomorphology (Coastal and Aeolian)  
Modern and Quaternary geomorphic processes and environments  
Paleosols of the Mannville Group, Late Cretaceous  
Soil conductivity in prairie soils  
Soils/Paleosols  
Ventifacts and other erosional processes in Grassland National Park and Eastend and Cypress Hills areas

Emily Eaton, PhD (Toronto)  
Canadian agriculture  
Natural resource economies  
Oil  
Political ecology  
Political economy

Ulrike Hardenbicker, Dr. rer. nat. (Bonn), habil (Halle)  
Geomorphological and geoeological influence of subsurface flow on landscape development  
Processes and causes of subsurface erosion  
Slope hydrology and slope stability

Kyle R. Hodder, PhD (Queen’s)  
Hydrology and geomorphology of southern Saskatchewan  
Sediment transfer in alpine lakes of the Prairies and Canadian Cordillera  
Sedimentary processes contributing to development of lakes and floodplains

Vanessa Mathews, PhD (Toronto)  
Craft beer and urban change  
Industrial heritage and gentrification  
Heritage and sustainability  
Infill development  
Urban space and the breastfeeding body

Julia Siemer, Dr. rer. nat. (Potsdam)  
Cultural mapping  
Population mapping  
GIS  
Design and development of electronic atlases  
Thematic cartography

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4 Department of Geology
5 Head (Faculty information as of September 1, 2018)
Instructor:

Mark Coté, MSc (Regina)  Mark.Cote@uregina.ca
Climate variability
Geographical education
Solar radiation climatology
Department Offers

MA, MSc, PhD in Geography; BASC and BASC Hons in Environment and Society; BSc and BSc Hons in Environmental Earth Sciences; BA and BA Hons in Regional and Urban Planning; Minor in Geomatics; Minor in Water Science. Effective May 2020 the BSc and BSc Hons in Environmental Earth Sciences will be replaced by BSc and BSc Hons in Hydrology.

Faculty

Professors Emeriti:

E-mail Address:

Bill Archibold, PhD (Simon Fraser)  
w.archibold@usask.ca
Robert M. (Bob) Bone, PhD (Nebraska)  
robert.bone@usask.ca
Lawrence W Martz, PhD (Saskatchewan)  
lawrence.martz@usask.ca

Professors:

Alec Aitken¹, PhD (McMaster)  
alec.aitken@usask.ca
  Marine benthic ecology, Canadian Arctic
  Geoarchaeology of Paleo-Indian habitation sites
  Canadian Prairies
  Quaternary geology, Canadian Arctic Archipelago

Abraham Akkerman, PhD (Waterloo)  
avi.akkerman@usask.ca
  Demography and planning
  Urban design
  Urban transportation

Scott Bell, PhD (UC Santa Barbara)  
scott.bell@usask.ca
  Behavioural and cognitive geography
  Geographic education
  Geographic information science

Martyn Clark², PhD (Colorado)  
martyn.clark@usask.ca
  Numerical modeling and prediction of hydrologic processes, including coupling of hydrology and climate models, development of spatially distributed hydrologic modes, development of methods for hydrologic data assimilation, development of methods to quantify hydrologic model uncertainty.
  Developing innovative approaches for simulating hydrological processes, including understanding inter-model differences

¹ Department Head
² Associate Director, Centre for Hydrology and Coldwater Laboratory
Developing methods to improve streamflow forecasts
Understanding space-time variability in climate and hydrology including understanding the impacts of climate change on regional water resources.

Dirk H. de Boer\(^3\), PhD (Alberta) dirk.deboer@usask.ca
Spatially distributed erosion models
Suspended sediment and trace element transport in the Mackenzie River Basin

James Famiglietti\(^4\), PhD (Princeton) jay.famiglietti@usask.ca
Hydrology; use of satellite observations and develops simulation models to track how water availability is changing around the globe.
His research group pioneered the use of NASA’s Gravity Recovery and Climate Experiment (GRACE) satellites for monitoring changes in groundwater storage in the world’s major aquifers.

Xulin Guo, PhD (Kansas) xulin.guo@usask.ca
Integrating measures of grassland function using Remote Sensing

Bram F. Noble, PhD (Memorial) b.noble@usask.ca
Cumulative effects
Environmental impact assessment effectiveness
Resource development and environmental management
Strategic environmental assessment
Uncertainty analysis in environmental assessment

John W. Pomeroy\(^5\), PhD (Saskatchewan) john.pomeroy@usask.ca
Hydrological processes
Mountain hydrology; Forest hydrology; Northern hydrology; Prairie hydrology
Snow and ice
Water and climate modelling

Ryan Walker, PhD (Queen’s) ryan.walker@usask.ca
Community-based low-cost housing development
Indigeneity and urban development
Indigenous housing in urban areas; municipal planning with Aboriginal communities
Program evaluation in community services
Urban citizenship; urban planning and geography

Cherie Westbrook, PhD (Colorado State) cherie.westbrook@usask.ca
Beaver
Ecohydrology
Montane peatlands
Wetlands and riparian areas

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\(^3\) Acting Vice Dean Indigenous, College of Arts and Science
\(^4\) Canada 150 Research Chair in Hydrology and Remote Sensing, Director of Global Institute for Water Security, partial appointment with Department of Geography and Planning
\(^5\) Distinguished Professor, Canada Research Chair, Director Centre for Hydrology, Director, Global Water Futures Initiative
**Associate Professors:**

Jill Blakley, PhD (Saskatchewan)  
Regional-scale impact assessment  
Cumulative effects assessment (CEA)  
Strategic environmental assessment (SEA)  
Humanistic urban design  

Robert Patrick, PhD (Guelph)  
Indigenous planning  
Integrated watershed planning and management  
Drinking water source protection and management  
Source water protection  

Corinne Schuster-Wallace, PhD (Wilfrid Laurier)  
Water and human health  
Local water security in marginalised communities  
Water-related diseased and climate change

**Assistant Professors:**

Krystopher Chutko, PhD (Queen’s)  
Weather monitoring  
Isotope hydrology  
Lacustrine processes  
Paleoenvironmental reconstruction  

Ehab Diab, PhD (McGill)  
Land use and transportation planning  
Public transit planning and operations  
Intelligent transportation systems (ITS)  
Non-motorized travel modes (cycling, walking)  
GIS applications in urban and transportation planning  

Paul Hackett, PhD (Manitoba)  
Diabetes in First Nations populations  
Health geography  
History of Aboriginal health  
Intimate Partner Violence  
Tuberculosis

**Adjunct or Associate Faculty Members:**

Barrie Bonsal, PhD (Saskatchewan)  
Climate Impacts on Freshwater Availability Across Canada  
Hydro-Climate Extremes and Variability: Droughts and Floods  

Ngoc Thuan Chu, PhD (Saskatchewan)  
Hydro-Climate Extremes and Variability: Droughts and Floods  

Diogo Pinho da Costa (Singapore)  

Sarah Dickson-Anderson (Waterloo)  

John Diiwu, PhD (Guelph)  

Patricia Fitzpatrick, PhD (Waterloo)  

David Fortin, PhD (Queen’s)  

Kevin Hanna, PhD (Toronto)
Michael Hill, PhD (Western Ontario)  
Wetlands and urban planning (with B. Noble)  
Wildlife management planning  
Wetland mitigation and policy  

Phil Marsh, PhD (McMaster)  
Hydrology of the Mackenzie delta and the role of climate change and hydrocarbon development  
Hydrological processes & improved modeling in cold regions of northern Canada  
Impact of changes in permafrost and vegetation on the hydrology of northern Canada  

Chris Spence, PhD (McMaster)  
Canadian Shield hydrology and hydrometeorology  
The role of storage in Canadian Prairie hydrology  

Elaine Wheaton, MSc (Saskatchewan)  
Adaptation to climate impacts especially for agriculture and water resources  
Climatic extremes, especially drought and extreme precipitation  
Climate change  

John Wilmshurst, PhD (Guelph)  
Protected areas management  
Remote sensing and ecology of grassland communities  
Species at risk recovery  

Professional Affiliates:  

Dr. Scott Barnes  
limnosenviro@gmail.com  

Glen Grismer  
glen.grismer@usask.ca  

Dr. Mohammad Kamal  
mohammad.kamal@usask.ca  

Henry Lau  
henry.lau@usask.ca  

Lenore Swystun  
prairiewildconsulting@sasktel.net  

Tim Steuart  
tjs395@mail.usask.ca  

School of Environment and Sustainability  

Maureen G. Reed, PhD (University of Waterloo)  
maureen.reed@usask.ca  
Environmental governance  
Resilience for social and environmental sustainability  
The role of gender and culture in community response to climate hazards  
Biocultural diversity, Sustainability and reconciliation
**Department Offers**

BA, BSc, MA, MSc, PhD, MSc (Planning), PhD (Planning), MUDS, MA/MSc Collaborative with Centre for Environment and other collaborative programs

**Faculty**

*Emeritus Professors:*

G. Gracie, S. Munro, R. Jackson, T. Mcilwraith

*Professors, Tenure Stream:*

Ronald Buliung, PhD (McMaster)  
Transportation geography and population health  
Critical Disability Studies  
Active transportation  
Geographies of childhood  
Pedestrian injury  
Historical geography of cycles and cycling  
Transportation in the Global South

Tenley Conway, PhD (Rutgers)  
Human-environment interactions  
Urban forests, Urban ecosystems  
Land use/land cover change

Yuhong He, PhD (Saskatchewan)  
Environmental remote sensing  
Vegetation stress detection with multi-source remote sensing  
Endangered and invasive species monitoring

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1 At the University of Toronto, graduate programs involve faculty from all three campuses (UTM, UTSG, UTSC), while undergraduate programs involve only the faculty located at their respective campuses

2 Chair, Department of Geography, Geomatics and Environment, University of Toronto Mississauga
Alan Walks, PhD (Toronto)  
alan.walks@utoronto.ca  
The politics of automobility  
Geography of housing and homelessness  
New neighbourhood forms: gated communities and the new urbanism  
Political attitudes, neighbourhood inequality, and urban policy  
Urban social, political and electoral geography  
Geographies of financialization and debt  

Kathi Wilson, PhD (Queen's)  
kathi.wilson@utoronto.ca  
Aboriginal health and wellbeing  
Aboriginal peoples, migration and rights to the city  
Access to health care and social services  
Global migration, settlement, and health  

**Associate Professors, Tenure Stream:**

Laura Brown, PhD (Waterloo)  
lc.brown@utoronto.ca  
Hydroclimatology  
Climate variability and the interactions with lake ice  
Numerical modelling of lake ice  
Remote sensing of the cryosphere  

Pierre Desrochers, PhD (Montreal)  
pierre.desrochers@utoronto.ca  
Energy policy  
Food policy  
Business-environment interface  
Regional development  
History of environmental thought  
High spatial hyperspectral image processing  

Tim Duval, PhD (McMaster)  
tim.duval@utoronto.ca  
Ecohydrology  
Stream nutrient biogeochemistry  
Wetland hydrology and biogeochemistry  
Urban environments  

Andrea Olive, PhD (Purdue)  
andrea.olive@utoronto.ca  
Environmental policy  
Species at risk and biodiversity  
Canada-US environmental governance  
Natural resource extraction  
Private land and landowners  

**Assistant Professors, Tenure Stream:**

Matthew Adams, PhD (McMaster)  
md.adams@utoronto.ca  
Urban Pollution – Water, Air and Soil  
Exposure Science  
Geographic Information Science  
Spatial Statistics
Laurel Besco, PhD (Ottawa)  laurel.besco@utoronto.ca
Environment/sustainability law and policy
Green economy and corporate environmental norms
Socio-legal dimensions of climate change

Vincent Kuuire, PhD (Western)  vincent.kuuire@utoronto.ca
Migration
Transnationalism and integration
Population health
Environment and health
Sub-Saharan Africa

Igor Lehnerr, PhD (Alberta)  igor.lehnerr@utoronto.ca
Environmental contaminants including mercury
Climate change impacts in Arctic watersheds
Nutrient and carbon cycling
Aquatic biogeochemistry

Trevor Porter, PhD (Carleton)  trevor.porter@utoronto.ca
Dendrochronology
Paleoclimatology
Stable water isotopes
Northern Canada

Jue Wang, PhD (Illinois)  gis.wang@utoronto.ca
GIScience and geovisualization
Big data and spatiotemporal analysis
Environmental health and health geography
Transportation and human mobility

Professors, Teaching Stream:

Barbara Murck, PhD (Toronto)  barbara.murck@utoronto.ca
Environmental management
Gender & environment in the developing world

Associate Professors, Teaching Stream:

Monika Havelka, PhD (Western Ontario)  monika.havelka@utoronto.ca
Restoration ecology
Ecosystem Services
Urban ecology
Environmental education

Nicole Laliberte, PhD (Pennsylvania State)  nicole.laliberate@utoronto.ca
Anti-oppression pedagogies
Critical human rights
Feminist geopolitics

Joseph Leydon, PhD (Toronto)  joseph.leydon@utoronto.ca
Pedagogy
Geography of retail and marketing
**Part-time Professor, Teaching Stream:**

Harvey Shear, PhD (London, UK)  
harvey.shear@utoronto.ca  
- Environmental management  
- Cultural eutrophication  
- Ecosystem health indicators

**Contractually Limited Term Assistant Professors, Teaching Stream:**

Damian Maddalena, PhD (North Carolina State)  
damian.maddalena@utoronto.ca  
- Ecosystem dynamics  
- Agricultural sustainability and risk related to climate change  
- Open source GIS  
- Precision agriculture  
- Landscape ecology

**Contractually Limited Term Lecturers, Teaching Stream:**

Adam Thorn, PhD (Ryerson)  
adam.thorn@utoronto.ca  
- Environmental politics and policy  
- Local and municipal environmental policy and politics  
- Water policy at the local, national, and international levels  

Tingting Zhu, PhD (Toronto)  
tingting.zhu@utoronto.ca  
- Spatial data science  
- Environmental Remote Sensing  
- Ecosystems and environment change  
- Mineral, microbial and ecological engineering
Department Offers

BA in Human Geography (Specialist, Minor and Major), City Studies (Specialist, Co-Op Major, Major and Minor) and BA in Physical and Human Geography (Major), GIS (Minor), Urban Public Policy and Governance, (Minor)

Faculty

Professors Emeriti:
M. Bunce
E. Relph

Professors:  

Thembela Kepe, PhD (Western Cape)  
kepe@utsc.utoronto.ca  
People-environment interactions, land rights, politics of development projects  
Politics of land use planning, rural struggles, southern Africa

John Miron, PhD (Toronto)  
miron@chass.utoronto.ca  
Demographic change, household formation and housing demand  
Location theory  
Neighbourhood choice and change  
Transportation demand and planning  
Urban growth and development policy  
Urban planning and policy

André Sorensen, PhD (London, UK)  
sorensen@utsc.utoronto.ca  
Civil society, urban space and governance processes  
Historical Institutionalism, planning history, comparative urban governance  
Japanese planning and governance  
Path dependence and suburban development  
Property rights, land management, and institutional change

1 At U of T, grad programs involve faculty from all three campuses (UTM, UTSG, UTSC), undergrad programs involve only faculty located at their respective campuses

2 Listing last updated in 2019
Associate Professors:

Susannah Bunce, PhD (York)  
scbunce@utsc.utoronto.ca  
Geography and planning of urban communities and neighbourhoods  
Urban sustainability and sustainable communities  
Environmental gentrification

Mark Hunter, PhD (UC Berkeley)  
mhunter@utsc.utoronto.ca  
AIDS in South Africa  
Education and class  
Geographies of health inequality  
Geographies of sexuality  
South African political economy

Ryan Isakson, PhD (Mass, Amherst)  
risaksson@utsc.utoronto.ca  
Political economy of food and hunger  
Rural livelihoods and agrarian transformations  
The financialization of agro-food value chains

Kenneth Iain MacDonald, PhD (Waterloo)  
ken.macdonald@utoronto.ca  
Class and cultural ecologies of consumption  
Institutional resilience and vulnerability to natural hazards  
Neoliberalism and the restructuring of biodiversity conservation  
Transnationalism and cultural identity

Sharlene Mollett, PhD (Toronto)  
sharlene.mollett@utoronto.ca  
Land and natural resource conflicts  
Political ecology and feminist political ecology  
Latin America, Honduras, Panama  
Development geography  
Race, gender and property rights  
Indigenous peoples and Afro-descendant communities  
Feminist and postcolonial geographies  
Residential tourism

Assistant Professors:

Michelle Buckley, PhD (Oxford)  
mbuckley@utsc.utoronto.ca  
Migrant construction work and theories of urbanization  
The urbanization of capital in Gulf Cooperation Council economies

Mike Ekers, PhD (Oxford)  
mekers@utsc.utoronto.ca  
Antonio Gramsci and geography  
Ecological fixes  
Geographies of environmental work and landscapes  
Labour in the alternative food movement

Steven Farber, PhD (McMaster)  
steven.farber@utoronto.ca  
Transportation  
Spatial analysis  
GIS

Rachel Goffe  
rachel.goffe@utoronto.ca
Christopher Higgins, PhD (McMaster)  cd.higgins@utoronto.ca
Spatial analysis and GIScience,
Built environment and urban morphology,
Accessibility and travel behaviour

Rajyashree Narayanareddy, PhD (Minnesota)  rreddy@utsc.utoronto.ca
Geographies of waste and labour
Urban political ecology
Global urbanism

Associate Professor, Teaching Stream:

Ahmed Allahwala, PhD (York)  aallahwala@utsc.utoronto.ca
Community-based pedagogies
Public policy and cities, urban social policy, labour and employment, migration
Urban governance, urban political economy, comparative urban and regional studies

Assistant Professor, Teaching Stream:

Glenn Brauen, PhD (Carleton)  gbrauen@utsc.utoronto.ca
Cybercartographic atlas of the Lake Huron Treaty relationship process
Data management for freshwater monitoring in Canada’s North
Geospatial knowledge models (ontologies), visualization, and geographic information systems (GIS) to support land use planning in Nunatsiavut
WebMap design utilities
Department Offers¹

BA, BSc, MA, MSc, PhD, MSc (Planning), PhD (Planning), Collaborative graduate degrees in Environmental Studies, Environment and Health, South Asian Studies, Asia-Pacific Studies, Jewish Studies, Aboriginal Health, Diaspora and Transnational Studies, Ethnic and Pluralism Studies, Sexual Diversity Studies, Women and Gender Studies

Faculty²,³,⁴

Emeritus Professors:


Professors: E-mail Address:

George B. Arhonditsis, PhD (Aegean), UTSC  georgea@utsc.utoronto.ca
Ronald Buliung⁵, PhD (McMaster), UTM  ron.buliung@utoronto.ca
Jing Chen, PhD (Reading), FRSC, UTSG  jing.chen@utoronto.ca

Continental and global carbon and water cycle modeling
Coupling of water and carbon cycles in wetlands and forests
Global carbon cycle modelling
Hyperspectral remote sensing application to forestry
Multiangle remote sensing application to land surface
Nested global inversion for North America carbon budgets

¹ At the University of Toronto, graduate programs involve faculty from all three campuses (UTM, UTSG, UTSC), while undergraduate programs involve only the faculty located at their respective campuses
² Listing last updated in 2019
³ UTM= University of Toronto Mississauga, UTSG=University of Toronto St George, UTSC=University of Toronto Scarborough
⁴ For research interests and publications of faculty members based at UTM and UTSC, see the separate listings in this directory for those two campuses
⁵ Tri-Campus Graduate Chair, Department of Geography, UTM
Tenley Conway, PhD (Rutgers), UTM  
tenley.conway@utoronto.ca

Deborah Cowen, PhD (Toronto), UTSG  
deb.cowen@utoronto.ca

Geographies of citizenship, militarism, and war
Security and cities
Suburban politics

Amrita Daniere, PhD (Harvard), UTSG  
amrita.daniere@utoronto.ca

Building urban climate change resilience in secondary cities of Southeast Asia
Development and implementation of policy and planning from a political-economy perspective in urban areas of the Global South
Infrastructure provision in developing-country megacities (including water and sanitation services, housing, solid waste collection and disposal, and transportation)

Joe Desloges, PhD (British Columbia), UTSG  
desloges@geog.utoronto.ca

Floodplain sedimentology
Geoarcheology, B.C. and Ontario
Glaciolacustrine sediment records, B.C., Alberta, N.W.T., Greenland, Iceland, and Norway
Paleohydrology and environmental reconstruction

Meric Gertler, PhD (Harvard), FRSC, UTSG  
president@utoronto.ca

Economic change in the Toronto region
Industrial cultures and practices: national, regional and local modes of governance (particularly in Canada, the United States, and Germany)
Social foundations of economic performance: creativity, diversity, and cities

Emily Gilbert, PhD (Bristol), UTSG  
emily.gilbert@utoronto.ca

Citizenship, borders and security
Nationalism, postcolonialism, globalization
Social and political theory
The culture and politics of money and North America

William A. Gough, PhD (McGill), UTSC  
gough@utsc.utoronto.ca

Jason Hackworth, PhD (Rutgers), UTSG  
jason.hackworth@utoronto.ca

Political economy
Comparative urban policy
Declining cities
Urban abandonment

Danny Harvey, PhD (Toronto), UTSG  
harvey@geog.utoronto.ca

Climatic change due to human activities – scenarios and impacts
Global scale potential to reduce greenhouse gas emissions through energy efficiency

Shashi Kant, PhD (Toronto), UTM  
shashi.kant@utoronto.ca

Thembela Kepe⁶, PhD (Western Cape), UTSC  
kepe@utsc.utoronto.ca

Deborah Leslie, PhD (British Columbia), UTSG  
leslie@geog.utoronto.ca

Commodity chains
Cultural industries
Urban-economic
Cultural and feminist geography

⁶ Chair, Department of Human Geography, UTSC
Robert Lewis, PhD (McGill), UTSG
lewis@geog.utoronto.ca
Economic geography of the North American city, 1850-1950
Industrial and social geography of the suburbs, 1850-1950
Social geography of colonial cities in India, 1881-1921
John Miron, PhD (Toronto), UTSC
miron@chass.utoronto.ca
W. Scott Prudham, PhD (UC Berkeley), UTSG
scott.prudham@utoronto.ca
Environmental politics, policy, and social justice
Forest politics and policy, western North America
Political ecology
Political economy and environment
Katharine Rankin, PhD (Cornell), UTSG
rankin@geog.utoronto.ca
Comparative market regulation, South Asia, Southeast Asia, North America
Critical development studies
Planning history and theory
Urban governance and commercial gentrification
Susan Ruddick, PhD (UC Los Angeles), UTSG
ruddick@geog.utoronto.ca
Philosophy and its influences on geographic thought
Social justice
Rachel Silvey, PhD (Washington), UTSG
silvey@geog.utoronto.ca
Critical development studies
Indonesia
Migration
The politics of Islam
Transnational feminism
Andre Sorensen, PhD (LSE), UTSC
sorensen@utsc.utoronto.ca
Sarah Wakefield, PhD (McMaster), UTSG
sarah.wakefield@utoronto.ca
Community development and neighbourhood change
Community-engaged scholarship
Critical health geography
Environmental justice/just sustainability
Mobilizing for community food security in Canada
Alan Walks, PhD (Toronto), UTM
alan.walks@utoronto.ca
Kathi Wilson, PhD (Queen’s), UTM
kathi.wilson@utoronto.ca

Professors, Teaching Stream:

Donald Boyes, PhD (Western Ontario), UTSG
don.boyes@utoronto.ca
Geographic information systems (GIS) and science
Scholarship of teaching and learning, pedagogical development
Teaching with technology, online and blended learning
Barbara Murck, PhD (Toronto), UTM
bmurck@utm.utoronto.ca

Associate Professors:

Christian Abizaid, PhD (McGill), UTSG
christian.abizaid@utoronto.ca
Peasant livelihoods in tropical forests
Human responses to environmental change
Cultural ecology, environment and development issues in Latin America
Alana Boland, PhD (Washington), UTSG boland@geog.utoronto.ca
  Environment and development in China
  Urban political ecology
Laura Brown, PhD (Waterloo), UTM lc.brown@utoronto.ca
Susannah Bunce, PhD (York), UTSC scbunce@utsc.utoronto.ca
Pierre Desrochers, PhD (Montreal), UTM pierre.desrochers@utoronto.ca
Richard DiFrancesco7, PhD (McMaster), UTSG difrance@geog.utoronto.ca
  The functioning and evolution of regional economic clusters
  The policy implications of cluster evolution in the face of changing trade environments
Matthew Farish, PhD (British Columbia), UTSG farish@geog.utoronto.ca
  The American Cold War
  American military-environment relations, 1898-present
  The cultural and historical geography of North American cities
  The militarization and modernization of the North American Arctic, 1940-1965
  Twentieth-century intellectual history
Kanishka Goonewardena, PhD (Cornell), UTSG kanishka.goonewardena@utoronto.ca
  Urbanism and critical theory
  Planning practice, political thought and geo-political-economics
  Modernity and nationalism (postcolonial and diasporic)
Yuhong He8, PhD (Saskatchewan), UTM yuhong.he@utoronto.ca
Paul Hess, PhD (Washington), UTSG hess@geog.utoronto.ca
  Planning and designing for non-motorized travel modes
  Travel behavior interactions with urban form
  Urban form analysis, representation and measurement using GIS
Mark Hunter, PhD (UC Berkeley), UTSC mhunter@utsc.utoronto.ca
Marney Isaac, PhD (Toronto), UTSC marney.isaac@utoronto.ca
Ryan Isakson, PhD (Massachusetts Amherst), UTSC risaksson@utsc.utoronto.ca
Nicole Klenk, PhD (British Columbia), UTSC nicole.klenk@utoronto.ca
Jane Liu, PhD (Toronto), UTSG liu@geog.utoronto.ca
  Atmospheric environment (pollution transport and emission from fires, air quality and health implications, satellite monitoring, modeling)
  Tropospheric and stratospheric ozone
  Climate change
Kenneth Ian MacDonald, PhD (Waterloo), UTSC kmacd@utsc.utoronto.ca
Virginia Maclaren, PhD (Cornell), UTSG maclaren@geog.utoronto.ca
  Environmental impact
  Southeast Asia
  Sustainability indicators
  Urban waste management
Carl Mitchell, PhD (Toronto), UTSC c.mitchell@utsc.utoronto.ca
Sharlene Mollett, PhD (Toronto), UTSC sharlene.mollett@utoronto.ca
Andrea Olive, PhD (Purdue), UTM andrea.olive@utoronto.ca

7 Chair, Department of Geography and Planning, UTSG
8 Chair, Department of Geography, UTM
Matti Siemiatycki, PhD (British Columbia), UTSG  
Community and regional planning  
Infrastructure finance and delivery  
Transportation policy and planning  

Neera Singh, PhD (Michigan), UTSG  
Environmental conservation and development  
Community forestry, forest tenure and forest governance  
Environmental behavior and subjectivity  

Tara Vinodrai, PhD (Toronto), UTM  
Environmental conservation and development  
Community forestry, forest tenure and forest governance  
Environmental behavior and subjectivity  

Associate Professors, Teaching Stream:
Ahmed Allahwala, PhD (York), UTSC  
Monika Havelka, PhD (Western Ontario), UTM  
Nicole Laliberte, PhD (Pennsylvania), UTM  
Joseph Leydon, PhD (Toronto), UTM  

Assistant Professors:
Matthew Adams, PhD (McMaster), UTM  
Naomi Adiv, PhD (CUNY Graduate Center), UTSG  
Laurel Besco, PhD (Ottawa), UTM  
Michelle Buckley, PhD (Oxford), UTSC  
Michelle Daigle, PhD (Washington), UTSG  
Heather Dorries, PhD (Toronto), UTSG  
Tim Duval, PhD (McMaster), UTM  
Michael Ekers, PhD (Oxford), UTSC  
Steven Farber, PhD (McMaster), UTSC  
Rachel Goffe, PhD (CUNY Graduate Center), UTSC  
Christopher Higgins, PhD (McMaster), UTSC  
Vincent Kuuiire, PhD (Western Ontario), UTM  
Igor Lehnherr, PhD (Alberta), UTM  
Rajayshree Narayanareddy, PhD (Minnesota), UTSC  
Trevor Porter, PhD (Carleton), UTM  
Jason Spicer, PhD (MIT), UTSG  

Cooperatively owned businesses in promotion of economic development at the urban scale

Lindsay Stephens, PhD (Toronto), UTSG  
Jue Wang, PhD (Illinois Urbana-Champaign), UTM  

Michael Widener, PhD (SUNY Buffalo), UTSG  michael.widener@utoronto.ca
Access to healthy food and healthcare facilities
Health and transportation geographies
GIS, agent-based modelling, and spatial optimization

Assistant Professors, Teaching Stream:
Sarah Peirce, PhD (Western Ontario), UTSG  s.peirce@utoronto.ca

Adjunct Faculty:
J. Berridge, UTSG, P. Campsie, UTSG, R. Dowler, UTSG, J. Farrow, UTSG, J. McLaughlin UTSG, S. Makuch, UTSG

Sessional II Instructors:
D. Dupuy, UTSG, J. Farrow, UTSG, R. Phillips, UTSG, R. Verma, UTSG
Department Offers

BA and BSc (Major, Minor, Honours); BA and BSc Honours, Major, and Minor programs; BSc Honours or Major in Physical Geography and Earth and Ocean Sciences; BSc Major in Geography and Computer Science (Geomatics); Minor in Coastal Studies; Minor in Geographic Information Technology; MA; MSc; PhD

Faculty

Professor Emeriti:


Professor: E-mail Address:

David Atkinson¹, PhD (Ottawa) datkinso@uvic.ca
   Alpine icefield responses to weather
   Synoptic climatology
   Northern Indigenous perspectives on weather
   Weather system impacts of coastal regions

Denise Cloutier, PhD (Guelph) dcloutier@uvic.ca
   Healthy aging
   Integrated Models of Service Delivery
   Mixed methods
   Homelessness
   Housing, transportation, and services
   Community-engaged research

Maycira Costa, PhD (Victoria) maycira@uvic.ca
   Biophysical remote sensing of freshwater, coastal waters, and nearshore habitats
   Water optics
   Biophysical remote sensing of wetlands

Chris Darimont, PhD (Victoria) darimont@uvic.ca
   Conservation ethics
   Ecosystem-based harvest management
   Indigenous geographies
   Marine-terrestrial interactions
   Wildlife ecology

¹ Department Chair
Philip Dearden, PhD (Victoria)  pdearden@uvic.ca
  - Marine protected area planning in Canada, Asia, and Africa
  - National parks, poverty, and ecotourism
  - Protected areas
  - Shark and dive tourism

Johannes Feddema, PhD (Delaware)  feddema@uvic.ca
  - Simulating human impacts in Earth System models
  - Urban climatology
  - Water balance climatology

Mark Flaherty, PhD (McMaster)  flaherty@mail.geog.uvic.ca
  - Small-holder aquaculture, food security, and poverty alleviation in developing nations

Jutta Gutberlet, PhD (Tübingen, Germany)  gutber@uvic.ca
  - Development geographies
  - Participatory action research
  - Situated urban political ecology
  - Waste governance
  - Social and solidarity economy

Dennis Jelinski, PhD (Simon Fraser)  jelinski@uvic.ca
  - Biological conservation
  - Landscape ecology and biogeography
  - Wildlife ecology

Reuben Rose-Redwood, PhD (Penn State)  redwood@uvic.ca
  - Cultural landscape studies
  - Urban historical geography
  - Politics of mapping
  - History of geographical thought

**Associate Professor:**

Christopher Bone, PhD (Simon Fraser)  chrisbone@uvic.ca
  - Geographic information systems
  - Spatial analysis and modelling
  - Coupled human and natural systems
  - Forest disturbances

Rosaline Canessa, PhD (Victoria)  rosaline@uvic.ca
  - Coastal GIS
  - Collaborative GIS and seascape visualization
  - Integrated coastal management
  - Marine protected areas
  - Marine spatial planning, zoning

Randall Scharien, PhD (Calgary)  randy@uvic.ca
  - Snow and sea ice variability and climate change
  - Remote sensing with synthetic aperture radar
  - Radar polarimetry
Assistant Professor:

Eva Kwoll, PhD (Bremen) ekwoll@uvic.ca
Estuarine dynamics
Eelgrass ecogeomorphology
Coastal sediment transport processes

Teaching Professor:

Teresa Dawson, MA (Oxford), MA (McMaster) tdawson@uvic.ca
Geography pedagogy
Feminist geography
Learning in community
Ian O’Connell, PhD (Victoria) ianoc@uvic.ca
Cartography
GIS

Associate Teaching Professor:

Cameron Owens, PhD (Simon Fraser) camo@uvic.ca
Community-engaged research and teaching
Field school learning
Sustainable community development
Environmental impact assessment

Assistant Teaching Professor:

Shannon Fargey, PhD (Manitoba) fargey@uvic.ca
Physical geography and geomatics
Field school learning
Mountain Meteorology
CindyAnn Rose-Redwood, PhD (Penn State) cindyann@uvic.ca
Urban social geography
Global migration
Race and ethnicity
Geographies of international students
Caribbean studies

Limited Term:

Sophia Carodenuto, PhD (Albert-Ludwigs), Assistant Professor, Limited Term
Crystal Tremblay, PhD (Victoria), Assistant Professor, Limited Term

Adjunct and Cross-Listed Faculty:

Rene Alfaro, PhD (Simon Fraser), Adjunct Professor
Bernard Bauer, PhD (Johns Hopkins), Adjunct Professor
Anthony Charles, PhD (British Columbia), Adjunct Professor
Stephen Cross, PhD (Stirling), Adjunct Professor
James Gardner, PhD (McGill), Adjunct Professor
Marten Geertsema, PhD (Utrecht), Adjunct Professor
John Gibson, PhD (Waterloo), Adjunct Professor
Jim Harrold, PhD (Victoria), Adjunct Professor
Trisalyn Nelson, PhD (Wilfrid Laurier), Adjunct Professor
Aleck Ostry, PhD (British Columbia), Adjunct Professor
Paul Paquet, PhD (Alberta), Adjunct Professor
Christopher Pearce, PhD (Laval), Adjunct Professor
Terry Prowse, PhD (Canterbury), Adjunct Professor
Rajesh Shrestha, PhD (Karlsruhe), Adjunct Professor
Tim Tinker, PhD (California), Adjunct Professor
Ian Walker, PhD (Guelph), Adjunct Professor
Fred Wrona, PhD (Calgary), Adjunct Professor
Michael Wulder, PhD (Waterloo), Adjunct Professor
Jean Birks, PhD (Waterloo), Adjunct Associate Professor
Yonas Dibike, PhD (Delft), Adjunct Associate Professor
Ellen Hines, PhD (Victoria), Adjunct Associate Professor
Olav Lian, PhD (Western Ontario), Adjunct Associate Professor
Daniel Peters, PhD (Trent), Adjunct Associate Professor
Clifford Robinson, PhD (British Columbia), Adjunct Associate Professor
Rick Rollins, PhD (Washington), Adjunct Associate Professor
Tara Sharma, PhD (British Columbia), Adjunct Associate Professor
Stephen Tyler, PhD (California, Berkley), Adjunct Associate Professor
Mark Zacharias, PhD (Guelph), Adjunct Associate Professor
Kyle Axtelle, PhD (Simon Fraser), Adjunct Assistant Professor
Bruce Downie, PhD (Victoria), Adjunct Assistant Professor
Jennifer Mateer, PhD (Victoria), Adjunct Assistant Professor
Grant Murray, PhD (Michigan), Adjunct Assistant Professor
Geoff Quinn, PhD (Victoria), Adjunct Assistant Professor
Mark Seemann, PhD (Victoria), Adjunct Assistant Professor
Janis Shandro, PhD (British Columbia), Adjunct Assistant Professor
Pamela Shaw, PhD (Victoria), Adjunct Assistant Professor
Yi Yi, PhD (Waterloo), Adjunct Assistant Professor
G. Cornelis van Kooten, PhD (Oregon State), Cross-listed Professor (Economics)
Department Offers

BES, MA, MES, MSc, MCC, GDip-CRM, PhD. Specializations: Climate Change and Environment; Earth Systems Science; Geomatics; and Economy and Society.

Faculty

Professors:

Jean Andrey¹, PhD (Waterloo)  
Transportation planning  
Weather hazards  
Climate change adaptation

Claude Duguay, PhD (Waterloo)  
Climate impacts on the cryosphere  
Climate-lake interactions  
Numerical modelling and remote sensing of lake ice

Susan Elliott, PhD (McMaster)  
Medical geography  
Environment and health  
Global health  
Philosophies of science

Helen Jarvie, PhD (Reading)  
River-system biogeochemistry  
Nutrient (phosphorus, P, and nitrogen, N) cycling, eutrophication  
Water quality, from watershed to global perspectives

Richard Kelly², PhD (Bristol)  
Global change of the cryosphere  
Remote sensing of global snow water equivalent from passive microwave measurements

Jonathan Li, PhD (Cape Town)  
Mobile laser scanning for 3D object extraction  
Urban modelling using remote sensor data  
Environmental monitoring using satellite data

Merrin Macrae, PhD (Wilfrid Laurier)  
Hydrology and chemistry of agricultural runoff  
Hydrologic and biogeochemical processes in wetlands

¹ Dean of the Faculty of Environment
² Department Chair
Sanjay Nepal, PhD (Bern)  snepal@uwaterloo.ca
Biodiversity conservation and tourism
Resolving conflict between wildlife agencies and local communities
Tourism impacts on the environment in parks and protected areas and remote communities

Paul Parker, PhD (London)  pparker@uwaterloo.ca
Sustainable energy policy
Net zero energy houses/communities, residential energy efficiency
Smart grid: energy hub management system
Remote communities / First Nations: renewable energy in the North
Sustainable community development
Green economy, knowledge economy
Community energy planning, regional development initiatives

Richard Petrone, PhD (Waterloo)  rich.petrone@uwaterloo.ca
Greenhouse gas fluxes
Hydrometeorology of boreal peatlands and forests
Reclamation
Soil-vegetation-atmosphere interactions
Alpine hydrometeorology

Jonathan Price, PhD (McMaster)  jsprice@uwaterloo.ca
Hydrology and hydrogeology of peatlands
Peatland restoration and reclamation
Solute transport in peat and peatlands

Daniel Scott, PhD (York)  dj2scott@uwaterloo.ca
Climate change adaptation and mitigation in the tourism sector
Global change and tourism
Sustainable tourism
Climate change and insurance

Steffanie Scott, PhD (British Columbia)  sdscott@uwaterloo.ca
East Asia (China, Vietnam) and Canada
Agro-food system sustainability
Organic & ecological agriculture
Rural transformation
Environment-development interfaces, sustainable communities

Michael Stone, PhD (Waterloo)  mstone@uwaterloo.ca
Sediment/water interactions
Land disturbance and water quality
Stormwater management

Maria Strack, PhD (McMaster)  mstrack@uwaterloo.ca
Wetland greenhouse gas exchange
Peatland restoration and reclamation
Organic soil physics

Associate Professors:

John Beebe, PhD (Wilfrid Laurier)  jbeebe@uwaterloo.ca
Integrated fluvial geomorphology and urban stormwater management; impacts from resource extraction on surface/groundwater interactions
Sarah Burch, PhD (British Columbia)  
sarah.burch@uwaterloo.ca  
Landscape visualizations  
Participatory planning in communities  
Social-ecological systems  
Sustainability entrepreneurship; Sustainability policy  
Urban climate change governance

Peter Deadman, PhD (Arizona)  
pjdeadma@uwaterloo.ca  
Agent based modelling  
Geographic information systems  
Land use change  
Natural resources management

Brent Doberstein, PhD (British Columbia)  
bdoberst@uwaterloo.ca  
Capacity building  
International development  
Natural hazards  
Parks and protected areas  
Resource and environmental management

Christopher Fletcher, PhD (University College)  
chris.fletcher@uwaterloo.ca  
Modelling of climate variability and change  
Atmospheric teleconnections  
Aerosol-climate interaction  
Cryosphere-climate interaction

Peter Johnson, PhD (McGill)  
peter.johnson@uwaterloo.ca  
Government use of geospatial technology  
Mobile devices  
Open data  
The geospatial web 2.0

Suzanne Kearns, PhD (Capella)  
suzanne.kearns@uwaterloo.ca  
Aviation human factors and pilot training  
Educational theory related to aviation, including the shift towards competency-based education practices and the impact of e-learning in aviation

Yuri Leonenko, PhD (Novosibirsk)  
leonenko@uwaterloo.ca  
Development of Climate Control technologies with an emphasis on Carbon Capture and Storage. Modeling and numerical simulation of multiphase flow in porous media, fractures and faults; Interactions between CO2 and reservoir fluids; novel technologies for in situ and ex situ dissolution of CO2, risk and economic assessments

Ian McKenzie, PhD (Western)  
mckenzie@uwaterloo.ca  
Aviation and Geomatics

Clare Mitchell, PhD (Waterloo)  
cjamitch@uwaterloo.ca  
Counterurbanization  
Heritage commodification and rural restructuring  
Rural change

Derek Robinson, PhD (Michigan)  
dtrobinson@uwaterloo.ca  
Agent-based modelling  
Impact and responses among ecological processes, climate, and land management  
Land use, land management and the carbon cycle
Policy impacts on land use and ecosystem services
Terrestrial ecosystem management
Unmanned aerial vehicles
Retail location
Wetland reclamation

Johanna Wandel, PhD (Guelph)  
jwandel@uwaterloo.ca
Adaptation and climate change
Community based assessment
Vulnerability

Assistant Professors:

Daniel Cockayne, PhD (Kentucky)  
daniel.cockayne@uwaterloo.ca
Cultural geography; Critical human geography
Economic geography
Entrepreneurialism and startup economies
Feminist geography, queer geography and sexuality

Christine Dow, PhD (Swansea)  
christine.dow@uwaterloo.ca
Subglacial hydrology
Glacial numerical modeling
Ice dynamics of ice sheets and glaciers

Grant Gunn, PhD (Waterloo)  
g2gunn@uwaterloo.ca
Remote sensing and
Target interactions with permafrost and lakes in Arctic, sub-Arctic and Temperate regions

Quinn Lewis, PhD (Illinois)  
quinn.lewis@uwaterloo.ca
Fluvial geomorphology, water resources, hillslope erosion and watershed processes, remote sensing of rivers, UAVs

Wesley Van Wychen, PhD (Ottawa)  
wesley.van.wychen@uwaterloo.ca
Remote sensing, glaciology, glacier dynamics, remote sensing of oceans (sea ice, currents), data management, climate data rescue

Nancy Worth, PhD (Leeds)  
nworth@uwaterloo.ca
Economic geography
Social geography
Feminist geography
Social justice
Identities and belonging

Lecturers:

Erin O’Connell, PhD (Waterloo)  
erin.oconnell@uwaterloo.ca
Post-disaster vulnerability reduction and building sustainable and resilient capacities in disaster-affected communities; emphasis on community-based disaster recovery and reconstruction in Asia; environmental studies, examining the human interactions with the natural world

Su-Yin Tan, PhD (Cambridge)  
sy2tan@uwaterloo.ca
Remote sensing geographic information systems (GIS), spatial statistics and data analysis, GIS education
Vegetation and climatology; Environmental monitoring
Department Offers

BA (3 year, 4 year and Honors), BSc (3 year, 4 year and Honors), MA, MSc, PhD, Honors Specializations in Geography, Geographic Information Science, Urban Development, Geography and Commercial Aviation Management, Geography/HBA, Urban Development/HBA

Faculty

Professors Emeriti:  
E-mail Address:

Elaine Bjorklund, PhD (Chicago)  
embjork@rogers.com
Richard Butler, PhD (Glasgow)  
r.butler2@btinternet.com
Don Cartwright, PhD (Western)  
dcartwr@uwo.ca
Robert Cecil, PhD (McGill)  
rgcecil@uwo.ca
William Code, PhD (Berkeley)  
rcode@uwo.ca
Milford Green, PhD (Ohio State)  
mbgreen@uwo.ca
Don Janelle, PhD (Michigan State)  
janelle@geog.ucsb.edu
Brian Luckman, PhD (McMaster)  
luckman@uwo.ca
Gordon McBean, PhD (British Columbia)  
gmcbean@uwo.ca
Robert McDaniel, PhD (Western)  
mcdaniel@uwo.ca
Joy Parr, PhD (Yale)  
jparr@uwo.ca
Micha Pazner, PhD (UC Santa Barbara)  
pazner@uwo.ca
Chris Smart, PhD (McMaster)  
csmart@uwo.ca
L. Graham Smith, PhD (Waterloo)  
lsmith@uwo.ca
Philip Stooke, PhD (Victoria)  
pjstooke@uwo.ca

Professors:

Peter Ashmore, PhD (Alberta)  
pashmore@uwo.ca
  Fluvial geomorphology
  Sediment transport
Jamie Baxter, PhD (McMaster)  
jamie.baxter@uwo.ca
  Community responses to hazards
  Environmental risks from hazards
  Health
  Methodology
  Noxious facility siting
Brian Branfireun, PhD (McGill)  
bbranfir@uwo.ca
  Biogeochemistry
  Eco hydrology
  Wetland ecosystem science
Irena Creed, PhD (Alberta)  icreed@uwo.ca
Biochemistry
Forests
GIS
Hydrology
Remote sensing
Watersheds

Jason Gilliland, PhD (McGill)  jgillila@uwo.ca
Children’s environments
GIS
Health geography
Urban studies

Isaac Luginaah, PhD (McMaster)  iluginaa@uwo.ca
Air pollution
Environment and health
GIS and health
HIV/AIDS

Jacek Malczewski, PhD (Poland)  jmalczew@uwo.ca
GIS
Location analysis
Quantitative methods

Dan Shrubsole, PhD (Waterloo)  dashrubs@uwo.ca
Integrated resource management (water)

James Voogt¹, PhD (British Columbia)  javoogt@uwo.ca
Urban climatology

Jinfei Wang, PhD (Waterloo)  jfwang@uwo.ca
GIS
Remote sensing

Associate Professors:

Godwin Arku, PhD (McMaster)  garku@uwo.ca
Housing and economic development
Regional and local economic development policy and planning
Third World development issues (especially Africa)
Urban development and policy analysis

Michael Buzzelli, PhD (McMaster)  michael.buzzelli@uwo.ca
Environment and health
GIS
Housing; Urban planning

Jeff Hopkins, PhD (McGill)  jhopkins@uwo.ca
Cultural geography
Gender
Public places

¹ Chair
Carol Hunsberger, PhD (Carleton)  
Biofuels  
East Africa  
Political ecology  
dchunsber@uwo.ca

Desmond Moser, PhD (Queen’s)  
Geochronology  
Tectonics  
dmoser22@uwo.ca

Katrina Moser, PhD (McMaster)  
Climate change  
Limnology  
Paleoecology  
Paleolimnology  
Quaternary environments  
Water quantity and quality  
kmoser@uwo.ca

Chantelle Richmond, PhD (McGill)  
Aboriginal health  
Community-based research  
Health impacts of environmental change  
mixed methods  
Social determinants of health  
Social support  
chantelle.richmond@uwo.ca

Tony Weis, PhD (Queen’s)  
Environmental conservation in equitable landscapes  
Globalization and agriculture  
Land reform and social movements  
Political ecology  
aweis@uwo.ca

Assistant Professors:

Agnieszka Leszczynski, PhD (Washington)  
Digital geographies  
GISScience & Society  
Digital location  
Geolocation  
Platform economy  
aleszczy@uwo.ca

Diana Lewis, PhD (Dalhousie)  
Indigenous environmental health  
Social/environmental justice  
Indigenous methodology  
Quantitative methods  
Community-based research  
Risk/environmental assessment  
diana.lewis@uwo.ca

Jed Long, PhD (Victoria)  
GIS and other spatial analysis techniques in the study of movement  
Spatial and space-time analysis  
GISScience; including spatial modelling, volunteered geographic information  
jlong83@uwo.ca
**Limited Duty Instructors:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roger Antabe, PhD Candidate (Western)</td>
<td><a href="mailto:rantabe@uwo.ca">rantabe@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Daniel Bednar, PhD (Western)</td>
<td><a href="mailto:dbednar@uwo.ca">dbednar@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Merlin Chatwin, PhD Candidate (Western)</td>
<td><a href="mailto:mchatwin@uwo.ca">mchatwin@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Wendy Dickinson, PhD (Western)</td>
<td><a href="mailto:whdickin@uwo.ca">whdickin@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Stephen Evans, MPA (Western)</td>
<td><a href="mailto:sevans4@uwo.ca">sevans4@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Clare Gordon, PhD (Western)</td>
<td><a href="mailto:cgordon@uwo.ca">cgordon@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Christopher Hewitt, PhD (Western)</td>
<td><a href="mailto:chewitt4@uwo.ca">chewitt4@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Kim Holland, MA (Western)</td>
<td><a href="mailto:kholland@uwo.ca">kholland@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Beth Hundey, PhD (Western)</td>
<td><a href="mailto:ehundey2@uwo.ca">ehundey2@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Moses Kansanga, PhD Candidate (Western)</td>
<td><a href="mailto:mkansang@uwo.ca">mkansang@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Wes Kinghorn, PhD (Western)</td>
<td><a href="mailto:wkinghor@uwo.ca">wkinghor@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Gina Martin, PhD (St Andrews)</td>
<td><a href="mailto:gmarti57@uwo.ca">gmarti57@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Grant Morin, PhD Candidate (Western)</td>
<td><a href="mailto:gmorin5@uwo.ca">gmorin5@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Mark Moscicki, MA (Western)</td>
<td><a href="mailto:mmoscic@uwo.ca">mmoscic@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Sergio Pompili, MA (Western)</td>
<td><a href="mailto:spompili@uwo.ca">spompili@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Gabor Sass, PhD (Western)</td>
<td><a href="mailto:gabor.sass@uwo.ca">gabor.sass@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Joe Shaw, MBA (Windsor)</td>
<td><a href="mailto:jshaw86@uwo.ca">jshaw86@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Joshua Steckley, PhD (Toronto)</td>
<td><a href="mailto:jsteckl5@uwo.ca">jsteckl5@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Joshua Tobias, PhD (Western)</td>
<td><a href="mailto:jtobias2@uwo.ca">jtobias2@uwo.ca</a></td>
<td></td>
</tr>
</tbody>
</table>
Department Offers

BA, BSc

Faculty

Professors:  

Danny Blair, PhD (Manitoba)  
d.blairst@uwinnipeg.ca
  Prairie Climate Centre (Co-Director)  
  Climate Atlas of Canada (climateatlas.ca)  
  Visualization of climate change data  
  Climate change and variability in the Western Interior  

Bill Buhay, PhD (Waterloo)  
b.buhay@uwinnipeg.ca
  Development and application of stable-isotope methods for evaluating isotopic compositions of organic and inorganic materials from natural archives such as groundwater, lake sediments, and terrestrial organic matter  
  Pre- and postglacial isotope-climate and hydrology linkages in central and western North America and Western Europe  
  Water, climate and greenhouse gas emission studies using isotope tracers; isotope geochemistry; isotope climatology and paleoclimatology

Edward A. Cloutis, PhD (Alberta)  
e.cloutis@uwinnipeg.ca
  Composition of main belt asteroids  
  Design of planetary spectrometers and mission concepts  
  Hyperspectral remote sensing data analysis  
  Remote sensing detection of organic geological materials  
  Spectroscopic studies of art work for forgery and underpainting detection  
  Surfacial geological properties of Mars

Patricia Fitzpatrick, PhD (Waterloo)  
p.fitzpatrick@uwinnipeg.ca
  Environmental assessment  
  Public participation and learning  
  Environmental governance, including adaptive management and corporate social responsibility  
  Resource management in the mineral and hydroelectric sectors

Associate Professors:

Jacqueline Binyamin, PhD (McMaster)  
j.binyamin@uwinnipeg.ca
  Climate change  
  Modelling clouds and ultra-violet biologically active radiation (UV-B)  
  Modelling the energy transfer of high latitude Canadian lakes
Surface-atmosphere interactions and boundary layer processes
Nora Casson, PhD (Trent) n.casson@uwinnipeg.ca
Interactions between hydrological and biogeochemical processes across ecosystems
Jino Distasio, PhD (Manitoba) j.distasio@uwinnipeg.ca
Homelessness and mental health
Housing markets
Urban Aboriginal issues
Urban and community planning
Matt Dyce, PhD (UBC) m.dyce@uwinnipeg.ca
Western Canada
Environmental history
Photography and representation
Archives and knowledge
History of geography
Place and public memory
Ian Mauro, PhD (Manitoba) i.mauro@uwinnipeg.ca
Indigenous and local knowledge regarding climate change
Food security and local knowledge
Indigenous health systems
Multi-media methods in geography and environmental science
Resource development and communities
Risk assessment of emerging technologies
Christopher Storie, PhD (Wilfrid Laurier) c.storie@uwinnipeg.ca
Satellite Image Segmentation using Deep Learning and Convolution Neural Networks
Mapping of Informal Settlements in the Developing World using Satellite Imaging Applications
Commercial structure and retail location analysis
Geospatial analysis of urban areas
Joni Storie, PhD (Waterloo) j.storie@uwinnipeg.ca
Application of GIS & remote sensing for agriculture, wetland and forestry mapping
Exploring advancements in field data collection for land cover mapping using machine learning
Gina Sylvestre, PhD (Manitoba) g.sylvestre@uwinnipeg.ca
Winter pedestrianism
Rural aging, mobility and community sustainability
Aging and social exclusion
Marc Vachon, PhD (Ottawa) m.vachon@uwinnipeg.ca
Architecture and city planning (Western Canada)
Architecture and Sense of place
20th Century cultural avant-garde
Migration (western Canada)
Downtown development (Western Canada)
Land use development
Situationism
Instructor:
Brian R. McGregor, MA (Queen’s)  b.mcgregor@uwinnipeg.ca

Senior Scholars:
John C. Lehr, PhD (Manitoba)  j.lehr@uwinnipeg.ca
  Hutterite Society
  Jewish agricultural settlement on the prairies
  The historical geography of Cooks Creek, Manitoba.
William F. Rannie, PhD (Toronto)  ranniebill@gmail.com
  Environmental history of the eastern prairies in the 19th Century
  The Assiniboine River basin
John Ryan, PhD (McGill)  jryan13@mymts.net
  Agricultural Economy of Manitoba Hutterite Colonies
  Potential Use of Submarine Cable for Long Distance Electricity Transmission in
  Manitoba – research for Manitoba Hydro
  Articles on events in Canada, Afghanistan, Ukraine, Syria
H. John Selwood PhD (Western Australia)  j.selwood@uwinnipeg.ca
  Heritage issues
  Rural settlement schemes
  Sustainable environments
  Domestic tourism
Department Offers

BA (major/minor), Honours BA, BSc (minor), BSc Major in Geoscience, Advanced Diploma in GIS Applications, Forestry Transfer Option, Geography Internship Program, Master of GIS Applications. Faculty also participate in programs in Global Studies, Interdisciplinary Studies, and Master of Community Planning.

Faculty

Regular Faculty:  
E-mail Address:

Donald Alexander, PhD (Waterloo)  
don.alexander@viu.ca
Theory and practice of urban sustainability/livability
Urban governance and the climate crisis
Universities as vehicles for sustainability theory and practice
Place-making and teaching “place literacy”
Protecting the small retail sector

Matthew Bowes, PhD (Victoria)  
matthew.bowes@viu.ca
Community-based mapping
Environmental communication and education
Human dimensions of parks and protected areas
Human dimensions of wildlife in parks and protected areas
Sustainability
Tourism
Urban green space

Dave Cake, MSc (Victoria)  
dave.cake@viu.ca
Wildlife habitat modeling
Engineering and environmental applications of GIS
Geodatabase design and implementation

Alan Gilchrist, PhD (Liverpool)  
alan.gilchrist@viu.ca
Macroscale geomorphology;
Watershed restoration in coastal British Columbia
Water resources management on Vancouver Island

Michael Govorov, PhD (Siberian State Academy)  
michael.govorov@viu.ca
Geostatistical modelling and mapping for environmental studies
GIS learning objects

Jeff Lewis, PhD (Victoria)  
jeff.lewis@viu.ca
Awareness of climate change through education and research – public outreach
Climate change impacts and adaptation
Vancouver Island weather station network
Michele Patterson, MA (Royal Roads)  
michele.patterson@viu.ca  
Social and cultural values in seafood and seafood communities

Pam Shaw, PhD (Victoria)  
pam.shaw@viu.ca  
Mount Arrowsmith Biosphere Region Research Institute—Research Director  
Planning and the public interest  
Retail geography

Hannah Wilson, PhD (Waterloo)  
hannah.wilson@viu.ca  
Educational advances in spatial analysis  
Remote predictive mapping of for mineral resource explorations in Canada’s North  
Remote sensing applications in resource management  
Terrestrial ecosystems

Paul Zandbergen, PhD (UBC)  
paul.zandbergen@viu.ca  
Geographic Information Science  
Spatio-temporal analysis and modelling  
Positioning technologies and location-based services  
Error propagation modelling in spatial processes  
Terrain analysis and watershed management

Sessional Faculty:

Jason Young, PhD (McGill)  
jason.young@viu.ca  
Power, place, and memory  
Science and society  
Citizenship and national identity  
Cities and urban communities  
Surveillance, violence and society  
The histories of power

Brad Maguire, PhD (Victoria)  
GIS, Geomorphology, Spatial Modelling, GeoAI (Convolutional Neural Networks)  
Using GIS and CNN for landform identification  
Mapping of place and place attachment using GIS

Adjunct Faculty:

Bill Floyd, PhD (British Columbia)  
bill.floyd@viu.ca  
Forest hydrology with a focus on land-use impacts to stream flow and water quality  
Implications of climate change on regional stream flow and extreme events  
Nutrient export from forested watersheds

Michael Tripp, PhD (Victoria)  
michael.tripp@viu.ca  
Historical geography—immigration  
Russian protected area systems / post-Soviet Russia  
Suburban social geography

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¹ Chair, Geography Department and GIS Programs  
² Chair, Master of Community Planning program
Technician:

Jessica Craig, MSc (Victoria)  jessica.craig@viu.ca
  Macroscale geomorphology
  Quaternary geology
  Geography education
Wilfrid Laurier University
Department of Geography and Environmental Studies
75 University Avenue West, Waterloo, ON N2L 3C5
(519) 884-0710 — Fax (519) 725-1342
Website: https://students.wlu.ca/programs/arts/geography-and-environmental-studies/index.html

Department Offers
BA, BSc, MA, MES, MSc, PhD

Faculty – Waterloo Campus

Professors Emeriti:
Barry Boots, Alfred Hecht, Russell Muncaster, Helen Parson, Bruce Young, Gordon J. Young, Barbara Carmichael

Retired Professors:
Jody Decker, Judy Bates, Bob Sharpe, Rob Milne, Michael English

Professors: E-mail Address:
Alison Blay-Palmer, PhD (Guelph) ablaymentpalmer@wlu.ca
UNESCO Chair in Food, Biodiversity and Sustainability Studies
Globalization
Green economy initiatives
Multi-scaled economic development
Sustainable food systems
Mary-Louise Byrne¹, PhD (McMaster) mlbyrne@wlu.ca
Aeolian geomorphology
Coastal geomorphology
GIS application in coastal environment
Great Lakes sand dunes
Stratification in coastal sand dunes
Jonathan Crush, PhD (Queens) jcrush@wlu.ca
International Migration and Diasporas
Urban Food Security
African Politics and Development
Simon Dalby, PhD (Simon Fraser) sdalby@wlu.ca
Climate security
Environmental geopolitics

¹ Chair (faculty information as of July 1, 2019)
Sean T. Doherty, PhD (Toronto)  
 Applications of Global Positioning Systems  
 Diabetes management and decision support systems  
 Experience sampling methods  
 Healthy parks and physical activity  
 Local food messaging systems  
 Mobility and health  

Philip Marsh\textsuperscript{2}, PhD (McMaster)  
 Canada Research Chair in Cold Regions Water Science  
 Arctic hydrology  
 Snow accumulation, melt and runoff  
 Climate change impacts on the arctic  
 Hydrological modelling  
 Arctic deltas  

Robert McLeman, PhD (Guelph)  
 Citizen science  
 Community adaption to climatic variability and change  
 Environment and human migration  

Alison Mountz\textsuperscript{2}, PhD (British Columbia)  
 Canada Research Chair in Global Migration  
 Displacement, refugee issues, asylum, detention  
 Feminist geography  
 Global migration  
 Political geography of borders, islands, migration  
 Urban geography  

William L. Quinton, PhD (Saskatchewan)  
 Hydrology  
 GIS Geochemical Cycling  
 Climate Change  
 Environmental Management  

D. Scott Slocombe, PhD (Waterloo)  
 Ecosystem-based management and integrated land and marine planning  
 Environmental assessment (especially CEA), environmental policy and environmental education  
 Northern and Western Canada, Alaska, Australia and Great Lakes Parks and protected areas  
 Systems approaches to environmental planning and management  

Margaret Walton-Roberts, PhD (British Columbia)  
 Canadian immigration  
 Gender and migration  
 Immigration and cultural change in the urban environment  
 Indo-Canadian transnational networks  

\textsuperscript{2} Canada Research Chair
Brent Wolfe, PhD (Waterloo)  bwolfe@wlu.ca
Isotope hydrology and paleohydrology, limnology and multi-proxy paleolimnology
Past and present hydroecology in northern freshwater landscapes (Peace-Athabasca [AB] and Slave River deltas [NWT]; Old Crow Flats [YT]; Wapusk National Park [MB])

Associate Professors:

James Hamilton, PhD (McMaster)  jhamilto@wlu.ca
Climate change and biosphere reserves
Hydrology and geomorphology of karst in northwestern Canada
Niagara Escarpment hydrology

Michael Imort, PhD (Queen’s)  mimort@wlu.ca
Forestry and nationalism
Role of the forest in German culture and in the creation of a national identity
Symbolic landscapes
Tourism and the commodification of heritage

Christopher Lemieux, PhD (Waterloo)
Dr. J. McMurry Research Chair in Environmental Geography
Resource and Environmental Policy and Management
Climate Change
Institutional Analysis
Sustainability
Science-Policy Interface

Steven Roberts, PhD (Waterloo)  sroberts@wlu.ca
Applied graph theory and oriented matroids
Combinatorial optimization
Genetic algorithms
Landscape ecology
Parallel computing
Spatial data models and data structures

Colin Robertson, PhD (Victoria)  crobertson@wlu.ca
GIS
Spatial analysis

Jason Venkiteswaran, PhD (Waterloo)  jvenkiteswaran@wlu.ca
Biogeochemical cycling of nutrients and related elements, and human- and climate-related disruptions of these cycles
Fate of biogeochemical elements via stable isotope measurements and process-based ecological models
Whole-ecosystem research on reservoir creation, ecosystem metabolism, and eutrophication
Assistant Professors:

Homa Kheyrollah Pour³, PhD (Waterloo)  hpour@wlu.ca
Canada Research Chair in Remote Sensing of Environmental Change
Remote sensing of Environmental Change
Remote sensing methods and mathematical modelling on lake ice and freshwater lakes
Climate change
Data assimilation using satellite observations
Lake-atmosphere interactions
Lake/land temperature monitoring
Ice thickness estimation using optical sensors
Data quality and evaluation/validation
Land monitoring using SAR imagery
Permafrost monitoring
Clouds microphysics and ice content monitoring using remote sensing

Miguel Sioui, PhD (Carleton)  msioui@wlu.ca
Indigenous Knowledges (IK’s) in America
Environmental Management
Environmental Ethics

Faculty – Brantford Campus

Associate Professors:

Brenda Murphy, PhD (Guelph)  bmurphy@wlu.ca
Community-level rural risk resiliency and technological/natural hazards
(nuclear waste, power outages, climate change, tornadoes)
Emergency management and social capital
Maple syrup ecosystems

³ Canada Research Chair
Department Offers

BA, BSc, MA, MSc, PhD, Certificate in Geographic Information Systems and Remote Sensing

Faculty

Professors Emeriti:


Professors Emeriti:

Lucia Lo, PhD (Toronto) lucialo@yorku.ca
Intellectual migration and the global race for talent
Ethnic/immigrant economy, entrepreneurship, and consumer behavior
Chinese diaspora

Robert Murdie, PhD (Chicago) murdie@yorku.ca
Urban social geography
Neighbourhood change in Canadian cities
Immigrant and refugee settlement in Canadian cities

Glen Norcliffe, DSc (Bristol) gnorclif@yorku.ca
The globalization of industry and sport
Extractive peripheries
Geographical construction of technology
Diverse geographies of industry and of its globalization
Performance of the economy

Professors:

*Martin Bunch, PhD (Waterloo) bunchmj@yorku.ca
Ecosystem approaches
Environment and health

1 From September 1st 2020, the Department’s programs will become part of a new Faculty of Environmental and Urban Change
2 Actively recruiting/supervising graduate students
* Faculty from other departments appointed to the Graduate Program in Geography
Watershed management
System Thinking
Geographic information systems
International development

Raju Das, PhD (Ohio) rajudas@yorku.ca
Class theory
Geographically uneven development
Globalization/neoliberalism and rural/agrarian labour
Political economy
Social movements
State-society relations

*Liette Gilbert, PhD (Los Angeles) gilbertl@yorku.ca
Neoliberalization of migration
Urban citizenship
Social and spatial justice
Political economy of sub/urbanization
Post-disaster urban redevelopment

*Christian Haas, PhD (Bremen) haasc@yorku.ca
Airborne geophysics
Arctic climate change
Electromagnetic induction sounding
Ice engineering
Ocean-ice-atmosphere interaction
Satellite remote sensing

*Alice Hovorka, PhD (Clark) fesdean@yorku.ca
Human-environment relationships
Animal geographies
Gender and environment
Urban geography
Applied human geography

*Baoxin Hu, PhD (Boston) baoxin@yorku.ca
Photogrammetry
Remote sensing of vegetation
3-D measurement and modeling

Jennifer Hyndman, PhD (British Columbia) jhyndman@yorku.ca
Critical and feminist geopolitics
Geographies of forced migration/immigration
Humanitarian aid in response to conflict/asylum/disasters
Refugee (re)settlement

*Roger Keil, DrPhil (Johann Wolfgang Goethe) rkeil@yorku.ca
Global suburbanisms
Infectious disease and cities
Urban infrastructures
Urban governance
Urban political ecology

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3 Dean, Faculty of Environmental and Urban Change
* Faculty from other departments appointed to the Graduate Program in Geography
Philip F. Kelly, PhD (British Columbia)  
Economic geography  
Immigration and labour markets in Canada  
Migration and transnationalism  
Socio-economic change in the Philippines and Southeast Asia  
Youth and social mobility  

*Ute Lehrer, PhD (LUCA)  
Condominium development and high-rise living  
Global suburbanism  
Image production in cities  
Political economy of the built environment  
Built environment, ethnicity and immigration to urban areas  
Theory and history of planning, urban design and architecture  

Joseph Mensah, PhD (Alberta)  
African immigrant religion and cultural identity  
Critical development theory  
Geographies of development and health  
Neoliberalism and globalization in Africa  
Religious transnationalism  

*Lewis Molot, PhD (Alaska)  
Iron and phosphorus co-regulation of cyanobacterial abundance in freshwaters  

*Linda Peake, PhD (Reading)  
Caribbean geography, especially Guyana  
Critical methodologies, especially transnational feminist praxis  
Feminist, social, and urban geography  
Mental health and the academy  

Valerie Preston, PhD (McMaster)  
Feminist geography  
Geographies of housing and labour markets  
International migration and Canadian cities  
Urban social geography  

*Anders Sandberg, PhD (McGill)  
Climate/environmental justice  
Forest, environmental and conservation history  
Gentrification of conservation  
Pedagogies of space and place  
Politics of science and planning  
Political economies and ecologies of natural resources  
Sustainability and social democracy  

*Jamie Scott, PhD (Chicago)  
Geography and postcolonial literature  
Literary tourism and industrial heritage  
Geography and world religions  
Pilgrimage and religious tourism  

* Chair, Department of Geography  
* Faculty from other departments appointed to the Graduate Program in Geography
Peter Vandergeest, PhD (Cornell) pvander@yorku.ca
Agrarian change
Alternative agriculture
Environmental governance
Fisheries and forestry
Southeast Asia
Patricia K. Wood⁵, PhD (Duke) pwood@yorku.ca
Activism and protest
Citizenship
Diversity and politics of identity in Ireland
Urban and regional governance in Canadian cities
Indigenous title and property rights
Kathy L. Young, PhD (McMaster) klyoung@yorku.ca
Arctic wetland hydrology
Arctic snow hydrology
Hydrology of extreme environments

Associate Professors:
Alison Bain, PhD (Cambridge) abain@yorku.ca
Creative city theory and cultural planning
Gender and sexual identity politics
Geographies of artistic labour, creative practice, and cultural production
Public space contestations and interventions
Redevelopment and social inclusion in neighbourhoods, cities, and suburbs
Urban social, urban cultural, and feminist geography
Ranu Basu, PhD (Toronto) ranubasu@yorku.ca
Space, power and the city
Critical geographies of education
Migrants and the city
Cuba, Toronto, Kolkata
Urban social and political geography
Critical Geographic Information Systems (GIS)
Rick L. Bello, PhD (McMaster) bello@yorku.ca
Airborne deposition on ponds on the Hudson Bay Lowlands (HBL)
Changes in wind and wave energy on the Great Lakes
Effects of snow drifting on shrub growth on HBL
Methane ebullition from ponds on HBL
Sensitivity of poikilohydric plants to climate change (HBL)
Urban evaporation
Kean Birch, PhD (Oxford Brookes) kean@yorku.ca
Economic geography
Technoscientific capitalism
Assetization and rentiership
Political economy of innovation

⁵ Graduate Program Director
* Faculty from other departments appointed to the Graduate Program in Geography
Digital economies, personal data, and AI
Bioeconomies

Taly Drezner, PhD (Arizona State)  
drezner@yorku.ca

Biogeography
Deserts and cacti
Plant-climate interactions
Riparian ecosystems and disturbance
Tropical island ecosystems

*Lisa Drummond, PhD (Australian National)  
drummond@yorku.ca

Popular culture in Asia
Public space
Socialist cities
Urban climate resilience in Southeast Asia
Urban Southeast Asia
Vietnam

*Laam Hae, PhD (Syracuse)  
lhae@yorku.ca

Legal geographies
Neoliberal urbanization
Politics of urban subcultures
The right to the city
Urban political economy
Urbanization in South Korea

William Jenkins, PhD (Toronto)  
wjenkins@yorku.ca

North American immigration history
Irish Studies
Historical geography
Nationalism studies
Diasporas and transnationalism

*Stefan Kipfer, PhD (York)  
kipfer@yorku.ca

Comparative urban-regional politics and planning
Marxist and counter-colonial traditions
Populism and fascism
Public housing: gentrification, privatization and redevelopment
Suburbanization, territorial relations and regional planning
The works of Henri Lefebvre, Antonio Gramsci and Frantz Fanon
Theories of society, politics and the city

Jennifer Korosi, PhD (Queen's)  
jkorosi@yorku.ca

Limnology
Paleolimnology
Arctic/subarctic environmental change
Biogeography
Environmental contaminants

*Christopher Lortie, PhD (British Columbia)  
lortie@yorku.ca

Biogeography
Climate change
Community

* Faculty from other departments appointed to the Graduate Program in Geography
Desert system restoration and management
Invasion biology

Elizabeth Lunstrum6, PhD (Minnesota) lunstrum@yorku.ca
Environmental displacement
Mobility/migration
Political ecology
Political geography
Politics of conservation and wildlife crime/poaching

*Jean Michel Montsion, PhD (McMaster) jmmontsion@glendon.yorku.ca
Canada-Asia relations
Critical ethnic and racial studies
Emotional landscapes
Gateway cities and community politics
International education

*Justin Podur, PhD (Toronto) jpodur@yorku.ca
Forest fires
Geographic information systems
International development and conflict

*Roberto Quinlan, PhD (Queen’s) rquinlan@yorku.ca
Aquatic ecology
Limnology
Paleoecology

Tarmo Remmel, PhD (Toronto) remmelt@yorku.ca
Shape and spatial pattern analysis
Accuracy assessment and spatial uncertainty
Boreal forest disturbance mapping
Satellite and UVA remote sensing
Scale and vegetated landscape analysis

Steven Tufts, PhD (York) tufts@yorku.ca
Labour and economic development
Labour and environment
Labour unions and the city
Labour market adjustment
Workers and populism

*Douglas Young, PhD (York) dogoyo@yorku.ca
Legacies of modernist and socialist urbanism
Suburban decline and renewal
Urban infrastructure
Urban planning and development processes

*Anna Zalik, PhD (Cornell) azalik@yorku.ca
Critical geopolitics of the oil industry
Political ecology
(Post) coloniality
Radical/resource geographies

6 On leave. Current affiliation: Boise State University, Idaho
* Faculty from other departments appointed to the Graduate Program in Geography
**Assistant Professors:**

*Nga Dao, PhD (York) ngadao@yorku.ca*
- Agrarian change
- Environmental governance
- Political ecology
- Gender and Development
- Vietnam and Southeast Asian Development

*Sarah Rotz, PhD (Guelph) rotzs@yorku.ca*
- Agriculture
- Critical Research Methodologies
- Indigenous Food & Land Sovereignty
- Political Ecology and Food Justice
- Climate Change
- Settler Colonial Studies
Appendix 1 / Annexe 1
THE CANADIAN ASSOCIATION OF GEOGRAPHERS
CONSTITUTION

Article I - Name
This association shall be known as the Canadian Association of Geographers/
L'Association canadienne des géographes.

Article II - Objectives
1. The objectives of the Association are to encourage geographical study and research
particularly in relation to the Canadian environment. The Association shall provide
for the dissemination to the public of the results of research supported by the
Association.
2. The Association is an educational organization, the activities of which shall be
conducted without purpose of gain for its members. Any profits or other gains to the
Association shall be used in promoting its objectives.

Article III - Languages
English and French shall be the official languages of the Association.

Article IV - Membership
1. Membership in the Association is open to all who share its objectives.
2. Persons, institutions or corporations making a substantial contribution towards the
objectives of the Association may be designated as Benefactors by the Executive
Committee.
3. Membership categories shall be determined and dues fixed by the Executive
Committee.
4. A member in good standing is defined as a member who has paid the membership
dues of the current year.

Article V – Officers (Article V amended 2000)
The officers of the Association shall consist of a president, serving a two-year term; a
vice-president or a past-president, each term consisting of one year; a secretary-
treasurer elected for a period of three years; four national councillors elected at large for
a period of three years; one student councillor elected at large for a period of two years;
and one regional delegate from each of the Western Division, the Prairie Division, the
Ontario Division, Quebec and the Atlantic Division, to be elected or designated for a
three-year non-renewable term by the regional division or co-opted by the Executive
Committee. The vice-president shall be elected biannually, will normally succeed to the
office of the president in the year following the election, and will serve as past-president
in the year following the two-year presidential term. During the year in which there is a
vice-president there will not be a past-president; conversely, during the year that there
is a past-president there will not be a vice-president. The national councillors shall be
elected on the basis of two vacancies per year in two years out of every three. The
president, vice-president and councillors shall not be eligible for immediate re-election
to the same office.

**Article VI - Executive Duties**
The officers of the Association shall comprise the Executive Committee. The Executive
Committee is empowered to:
1. transact the business of the Association;
2. appoint and delegate responsibilities to standing and special committees;
3. appoint the editors of the publications of the Association;
4. appoint and designate the duties of the executive secretary and any other appointed
   posts required to carry out the business of the Association;
5. assign responsibilities to members of the Executive Committee;
6. determine the time and place of the annual meeting;
7. fix the remuneration (including salary and benefits) of the executive secretary,
   editors and any other remunerated positions;
8. appoint, as required, through executive appointment or through election,
   representatives to act on behalf of the Association to other associations or events;
9. six shall be a quorum at Executive Committee meetings.

**Article VII - Accountability of the Executive**
1. The president may convene a meeting of the Executive at any time and shall
   convene a meeting of the Executive Committee on request in writing of no less than
   five of the officers of the Association.
2. An officer or committee chair who is unable to fulfill the duties of the office for a
   period of a year shall resign.
3. The accounts of the Association shall be audited each year by a qualified accounting
   firm.
4. The Executive shall report on the business of the Association at each annual general
   meeting.

**Article VIII - Elections**
1. Only members of the Association may hold office in the Association and vote in
   elections.
2. A nominating committee will be elected at the Annual General Meeting. It will be
   composed of five members: the Vice-President or Past President as chair, the
   previous Past President, two members elected at the Annual General Meeting, and
   one member of the Executive Committee to ensure equitable representation.
3. A call for nominations to those positions on the CAG Executive Committee, which
   will become vacant during the coming year, will be circulated to the membership.
   Nominations must be supported by two members of the Association, and the
   nominee must have indicated in writing her/his acceptance of the nomination.
4. The nominating committee will prepare a slate of candidates with the names of
   candidates nominated by the membership as well as its own nominations.
5. The Secretary-Treasurer shall conduct the election by mail prior to the annual
   business meeting.
Article IX - Constitutional Change
1. Any member in good standing may propose a change in the Constitution providing the signatures of five other members in good standing have been secured.
2. The secretary-treasurer will circulate the proposed change to the membership by mail.
3. Ratification of the change requires the approval of two-thirds of the members who return the ballot within the specified time.

Article X - Annual General Meeting
1. A general business meeting shall be held each year at a place and time designated by the Executive Committee.
2. All members shall be given two months notice of the date and place of the Annual General Meeting.
3. The agenda of the Annual General Meeting will be circulated in advance to all members and specific reference will be made to proposed constitutional changes, increases in membership dues, and proposals to undertake major new commitments.
4. All business at the meeting shall be settled by a simple majority of all members in good standing, present and voting.
5. A quorum of the Annual General Meeting shall be 25 members in good standing.

Article XI - Regional Divisions
1. Any group of members in any region may set up a regional division of the Association upon ratification of the proposed constitution by the Executive Committee.

Article XII - Study Groups
1. The Executive may endorse the formation of a study group on evidence of the support of at least 15 members of the Association in good standing.
2. Study groups will have an elected chair and other officers as they may deem appropriate.
3. Study groups will submit a report annually to the Executive as evidence of their continued activity.
4. Study groups may hold special sessions at the annual general meeting, and may provide material to CAG publications.

Article XIII - Awards
1. The Executive may constitute awards to further the interests of the Association and of Geography.
2. An awards committee shall be appointed annually by the Executive to select appropriate nominees for CAG and other awards to be submitted to the Executive for final approval.
L'ASSOCIATION CANADIENNE DES GÉOGRAPHES
CONSTITUTION

Article I - Nom
Le nom officiel de l'association est l'Association canadienne des géographes / The Canadian Association of Geographers.

Article II - Objectifs
1. L'Association a pour objectif de favoriser les études et les recherches en géographie, notamment celles qui se rapportent au milieu canadien. Elle s'engage également à diffuser les résultats des recherches qu'elle a entreprises.
2. L'Association a une vocation éducative; ses membres ne tirent aucun profit des activités qui sont menées en son sein. Tout bénéfice ou autre profit est utilisé dans le but de promouvoir ses objectifs.

Article III - Langues
Le français et l'anglais sont les langues officielles de l'Association.

Article IV - Membres
1. L'Association accepte comme membre toute personne qui partage ses objectifs.
2. L'Association, par l'intermédiaire de son Comité directeur, décerne le titre de bienfaiteur à toute personne, institution publique ou privée qui apporte une contribution généreuse à la poursuite de ses objectifs.
3. Le Comité directeur se charge de déterminer les catégories de membres et de fixer les cotisations.
4. Est membre de plein droit toute personne qui a payé sa cotisation annuelle.

Article V - Membres du Comité directeur (Article V amendé 2000)
Le Comité directeur de l'Association comprend: une présidente ou un président, élu pour deux ans; un-e vice-président-e ou un-e président-e sortant-e, qui remplit dans chaque cas un mandat d'un an; une secrétaire-trésorière ou un secrétaire-trésorier élu pour trois ans; quatre conseillers nationaux qui sont élus par tous les membres de l'Association pour un mandat de trois ans; un conseiller étudiant élu par l'ensemble des membres pour un mandat de deux ans; un-e délégué-e régional-e de chacune des divisions ou régions suivantes: division de l'Ouest, division des Prairies, division de l'Ontario, le Québec et la division des Provinces atlantiques; ces déléguées et délégués sont élus ou désignés pour un mandat non renouvelable de trois ans par leur division régionale ou sont cooptés par le Comité directeur. L'élection à la vice-présidence a lieu tous les deux ans; la vice-présidente ou le vice-président remplace normalement la présidente ou le président l'année suivant l'élection et fait office de président-e sortant-e l'année qui suit son mandat de deux ans à la présidence. Il n'y a pas de président-e sortant-e pendant le mandat de la vice-présidente ou du vice-président; inversement, il n'y a pas de vice-président-e pendant le mandat de la présidente sortante ou du
président sortant. Deux conseillers nationaux sont élus afin de remplir les deux postes vacants, deux années sur trois. La présidente ou le président, la vice-présidente ou le vice-président, et les conseillères et conseillers, ne peuvent remplir deux mandats consécutifs.

**Article VI - Fonctions du Comité directeur**

Les personnes qui siègent au Comité directeur de l'Association ont le pouvoir de:

1. gérer les affaires de l'Association;
2. former des comités permanents et comités spéciaux et de leur confier des responsabilités;
3. nommer les rédacteurs ou rédactrices en chef des publications de l'Association;
4. nommer la secrétaire exécutive ou le secrétaire exécutif et de définir ses fonctions; de créer tout autre poste nécessaire au bon déroulement des activités de l'Association;
5. confier des responsabilités aux membres du Comité directeur;
6. fixer la date et l’endroit de l'assemblée générale annuelle;
7. fixer la rémunération (salaire et avantages sociaux) qui sera versée à la secrétaire exécutive ou au secrétaire exécutif, aux rédactrices ou rédacteurs en chef et à toute autre personne nommée à un poste rémunéré;
8. nommer, au besoin, des personnes chargées de représenter l'Association à certaines manifestations ou auprès d'autres associations; ces personnes peuvent être désignées par le Comité directeur ou élues.
9. Pour les réunions du Comité directeur, le quorum est atteint en présence de six membres.

**Article VII - Responsabilités du Comité directeur**

1. Le président ou la présidente a le pouvoir de convoquer une réunion du Comité directeur à tout moment; il est par ailleurs tenu de convoquer le Comité directeur si cinq représentantes ou représentants officiels de l'Association en ont fait la demande par écrit.
2. Tout membre du Comité directeur ou toute personne qui préside un comité et qui se trouve dans l'incapacité de remplir son mandat durant un an doit démissionner.
3. Une firme de comptables agréés doit vérifier chaque année les états financiers de l'Association.
4. Le Comité directeur rend compte des travaux de l'Association à l'occasion de chaque assemblée générale annuelle.

**Article VIII - Élections**

1. Seuls les membres de l'Association peuvent exercer une charge au sein de l'Association et voter dans le cadre d'une élection.
2. Un comité des candidatures est élu à l'assemblée générale annuelle. Le comité compte cinq membres : le vice-président ou le président sortant, à titre de président, le président sortant précédent, deux membres élus lors de l'assemblée générale annuelle et un membre du comité exécutif, afin d'assurer une représentation équitable.
3. Un appel de candidatures relatif aux postes au sein du comité exécutif de l'ACG qui deviendront vacants au cours du prochain exercice est diffusé aux membres.
candidatures doivent être appuyées par deux membres de l'Association; de plus, les candidats doivent avoir signifié par écrit leur acceptation de leur candidature.
4. Le comité des candidatures dresse la liste des candidats, y compris ceux proposés par les membres et ceux proposés par le comité.
5. Le secrétaire-trésorier tient l'élection par la poste avant la réunion administrative annuelle.

Article IX - Amendements à la Constitution
1. Tout membre de plein droit peut proposer un amendement à la Constitution sous réserve que sa proposition soit appuyée par écrit par cinq membres de plein droit.
2. La secrétaire-trésorière ou le secrétaire-tresorier porte l'amendement proposé à la connaissance des membres par courrier.
3. L'amendement est adopté s'il est approuvé par les deux tiers des membres qui auront fait parvenir leur bulletin dans les délais prescrits.

Article X - Assemblée générale annuelle
1. L'Association tient une assemblée générale chaque année, à la date et à l'endroit fixés par le Comité directeur.
2. La date et le lieu de l'assemblée générale annuelle doivent être annoncés aux membres avec un préavis de deux mois.
3. L'ordre du jour de l'assemblée générale est distribué à tous les membres avant la tenue de cette dernière; les membres doivent être tenus au courant des propositions d'amendement, de l'augmentation des cotisations et des propositions portant sur de nouveaux projets.
4. Le vote à la majorité absolue des membres de plein droit qui sont présents à l'Assemblée décide des questions soumises à cette dernière.
5. Le quorum est atteint en présence de 25 membres de plein droit.

Article XI - Sections régionales
1. Des membres peuvent fonder une section régionale et en faire reconnaître la constitution par le Comité directeur.

Article XII - Groupes d'étude
1. Le Comité directeur accepte la formation d'un groupe d'étude si celui-ci est appuyé par au moins 15 membres de plein droit de l'Association.
2. Les groupes d'étude ont à leur tête une présidente ou un président élu et d'autres responsables, le cas échéant.
3. Les groupes d'étude soumettent un compte rendu annuel de leurs activités au Comité directeur.
4. Les groupes d'étude peuvent organiser des séances spéciales lors de l'assemblée générale annuelle et publier des articles dans les publications de l'ACG.

Article XIII - Prix
1. Le Comité directeur peut instituer des prix pour promouvoir les buts de l'Association et la géographie en général.
2. Les membres du Comité des prix sont nommés chaque année par le Comité directeur. Le Comité a pour mission de designer des candidates et candidats dont les noms sont ensuite soumis au Comité directeur pour approbation.
Appendix 2 / Annexe 2
CAG Annual General Meetings /
Assemblée générale annuelle de l’ACG

1951 McGill University 1990 University of Alberta
1952 Université Laval 1991 Queen's University
1953 University of Western Ontario 1992 University of British Columbia
1954 University of Manitoba 1993 Carleton University
1955 University of Toronto 1994 Wilfrid Laurier University
1956 Université de Montréal 1995 Université de Québec à Montréal
1957 University of Ottawa 1996 University of Saskatchewan
1958 University of Alberta 1997 Memorial University of Newfoundland
1959 University of Saskatchewan 1998 Université d'Ottawa
1960 Queen's University 1999 University of Lethbridge
1961 McGill University 2000 Brock University
1962 McMaster University 2001 McGill University, Concordia University, and Université de Montréal
1963 Université Laval 2002 Ryerson University, University of Toronto, and York University
1964 University of Western Ontario 2003 University of Victoria
1965 University of British Columbia 2004 Université de Moncton and Mount Allison University
1966 University of Sherbrooke 2005 University of Western Ontario
1967 Carleton University 2006 Lakehead University
1968 University of Calgary 2007 University of Saskatchewan
1969 Memorial University of Newfoundland 2008 Université Laval
1970 University of Manitoba 2009 Carleton University
1971 University of Waterloo 2010 University of Regina
1972 Université de Montréal (IGC) 2011 University of Calgary
1973 Lakehead University 2012 University of Waterloo and Wilfrid Laurier University
1974 University of Toronto 2013 Memorial University
1975 Simon Fraser University 2014 Brock University
1976 Université Laval 2015 Simon Fraser University
1977 University of Regina 2016 Saint Mary’s University and Dalhousie University
1978 University of Western Ontario 2017 York University
1979 University of Victoria 2018 Université Laval
1980 Université de Québec à Montréal 2019 University of Winnipeg
1981 Grenfell College 2020 Virtual / virtuelle
1982 University of Ottawa 1983 University of Winnipeg
1984 Malaspina College 1985 Université de Québec à Trois-Rivières
1986 University of Calgary 1988 St. Mary's University
1987 McMaster University 1989 Université de Québec à Chicoutimi

# Appendix 3 / Annexe 3

**Presidents of The Canadian Association of Geographers / Présidents de l'Association canadienne des géographes**

<table>
<thead>
<tr>
<th>Year</th>
<th>President</th>
<th>Institution</th>
</tr>
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<tbody>
<tr>
<td>1951</td>
<td>Donald F. Putnam,*</td>
<td>University of Toronto</td>
</tr>
<tr>
<td>1952</td>
<td>Pierre Dagenais,*</td>
<td>Université de Montréal</td>
</tr>
<tr>
<td>1953</td>
<td>J. Ross Mackay,</td>
<td>University of British Columbia</td>
</tr>
<tr>
<td>1954</td>
<td>Benoit Brouillette,*</td>
<td>Ecole H.E.C.</td>
</tr>
<tr>
<td>1955</td>
<td>J. Lewis Robinson,*</td>
<td>University of British Columbia</td>
</tr>
<tr>
<td>1956</td>
<td>Pierre Camu,</td>
<td>Université Laval</td>
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<tr>
<td>1957</td>
<td>Trevor Lloyd,*</td>
<td>McGill University</td>
</tr>
<tr>
<td>1958</td>
<td>J. Brian Bird,*</td>
<td>McGill University</td>
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<tr>
<td>1959</td>
<td>Donald Kerr,*</td>
<td>University of Toronto</td>
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<tr>
<td>1960</td>
<td>Edward G. Pleva,</td>
<td>University of Western Ontario</td>
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<tr>
<td>1961</td>
<td>William C. Wonders,*</td>
<td>University of Alberta</td>
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<tr>
<td>1962</td>
<td>Lloyd G. Reeds,*</td>
<td>McMaster University</td>
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<tr>
<td>1963</td>
<td>F. Kenneth Hare,*</td>
<td>McGill University</td>
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<tr>
<td>1964</td>
<td>Fernand Grenier,</td>
<td>Université Laval</td>
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<tr>
<td>1965</td>
<td>John B. Chapman,</td>
<td>University of British Columbia</td>
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<tr>
<td>1966</td>
<td>Thomas R. Weir,*</td>
<td>University of Manitoba</td>
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<tr>
<td>1967</td>
<td>Jacob Spelt,</td>
<td>University of Toronto</td>
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<tr>
<td>1968</td>
<td>Ludger Beauregard,</td>
<td>Université de Montréal</td>
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<tr>
<td>1969</td>
<td>J. Howard Richards,</td>
<td>University of Saskatchewan</td>
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<tr>
<td>1970</td>
<td>Richard I. Ruggles,*</td>
<td>Queen's University</td>
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<tr>
<td>1971</td>
<td>Louis-Edmond Hamelin,</td>
<td>Université Laval</td>
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<tr>
<td>1972</td>
<td>Robert W. Packer,*</td>
<td>University of Western Ontario</td>
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<tr>
<td>1973</td>
<td>Peter J. Smith,</td>
<td>University of Alberta</td>
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<tr>
<td>1974</td>
<td>Louis Trotier,</td>
<td>Université Laval</td>
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<tr>
<td>1975</td>
<td>J. Gordon Nelson,</td>
<td>University of Western Ontario</td>
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<tr>
<td>1976</td>
<td>Alex T. Davidson,</td>
<td>Environment Canada</td>
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<tr>
<td>1977</td>
<td>Charles N. Forward,</td>
<td>University of Victoria</td>
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<tr>
<td>1978</td>
<td>Ralph R. Krueger,*</td>
<td>University of Waterloo</td>
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<tr>
<td>1979</td>
<td>Denis A. St-Onge,</td>
<td>Université d'Ottawa</td>
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<tr>
<td>1980</td>
<td>Marie E. Sanderson*,</td>
<td>University of Windsor</td>
</tr>
<tr>
<td>1981</td>
<td>J. Keith Fraser,</td>
<td>Environment Canada</td>
</tr>
<tr>
<td>1982</td>
<td>Derek C. Ford,</td>
<td>McMaster University</td>
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<tr>
<td>1983</td>
<td>Paul-Yves Denis,</td>
<td>Université Laval</td>
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<tr>
<td>1984</td>
<td>Brenton Barr,</td>
<td>University of Calgary</td>
</tr>
<tr>
<td>1985</td>
<td>R. Colebrook Harris,</td>
<td>University of British Columbia</td>
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<tr>
<td>1986</td>
<td>Leslie J. King,</td>
<td>McMaster University</td>
</tr>
<tr>
<td>1987</td>
<td>Roger F. Tomlinson,*</td>
<td>Tomlinson &amp; Associates</td>
</tr>
<tr>
<td>1988</td>
<td>Edward W. Manning,</td>
<td>Environment Canada</td>
</tr>
<tr>
<td>1989</td>
<td>Terence G. McGee,</td>
<td>University of British Columbia</td>
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<tr>
<td>1990</td>
<td>Paul Y. Villeneuve,</td>
<td>Université Laval</td>
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<tr>
<td>1991</td>
<td>Olav Slaymaker,</td>
<td>University of British Columbia</td>
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<tr>
<td>1992</td>
<td>Michael J. Troughton,*</td>
<td>University of Western Ontario</td>
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<tr>
<td>1993</td>
<td>Larry S. Bourne,</td>
<td>University of Toronto</td>
</tr>
<tr>
<td>1994</td>
<td>Anne V. T. Whyte,</td>
<td>CDRC</td>
</tr>
<tr>
<td>1995</td>
<td>John C. Everitt,</td>
<td>Brandon University</td>
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<tr>
<td>1996</td>
<td>Bryan Massam,</td>
<td>York University</td>
</tr>
<tr>
<td>1998</td>
<td>Iain Wallace,</td>
<td>Carleton University</td>
</tr>
<tr>
<td>2000</td>
<td>Audrey Kobayashi,</td>
<td>Queen's University</td>
</tr>
<tr>
<td>2002</td>
<td>André G. Roy,</td>
<td>Université de Montréal</td>
</tr>
<tr>
<td>2004</td>
<td>Chris Sharpe,</td>
<td>Memorial University of Newfoundland</td>
</tr>
<tr>
<td>2006</td>
<td>Alison Gill,</td>
<td>Simon Fraser University</td>
</tr>
<tr>
<td>2008</td>
<td>Dan J. Smith,</td>
<td>University of Victoria</td>
</tr>
<tr>
<td>2010</td>
<td>Anne Godlewska,</td>
<td>Queen's University</td>
</tr>
<tr>
<td>2012</td>
<td>Jean Andrey,</td>
<td>University of Waterloo</td>
</tr>
<tr>
<td>2014</td>
<td>Theresa Garvin,</td>
<td>University of Alberta</td>
</tr>
<tr>
<td>2016</td>
<td>Dan Shrubsole,</td>
<td>Western University</td>
</tr>
<tr>
<td>2018</td>
<td>Sanjay Nepal,</td>
<td>University of Waterloo</td>
</tr>
<tr>
<td>2020</td>
<td>Neil Hanlon,</td>
<td>University of Northern British Columbia</td>
</tr>
</tbody>
</table>

* Deceased
Appendix 4 / Annexe 4
CAG Award Winners / Gagnant(e)s des Prix de l’ACG

Award for Scholarly Distinction in Geography

The purpose of the award is to recognize a member of the CAG for outstanding scholarly work in geography either in the form of sustained contributions over a number of years or as a single major research contribution. The names of recipients in previous years are given below:

Le Prix pour distinction universitaire en géographie

Ce prix vise à souligner le travail exceptionnel accompli en géographie par un membre de l’ACG au titre de contributions soutenues pendant plusieurs années ou d’une contribution unique, mais importante. Les noms des anciens lauréats sont indiqués ci-dessous:

1972 J. Ross Mackay 1997 James T. Lemon
1974 Andrew H. Clark 1999 Paul Villeneuve
1975 John H. Warkentin 2000 Roger Hayter
1976 no award/non attribué 2001 Terence G. McGee
1977 Leslie Curry 2002 Philip Howarth
1978 Derek C. Ford 2003 Trevor John Barnes
1979 F. Kenneth Hare 2004 John Herbert Galloway
1980 R. Cole Harris 2005 Glen B. Norcliffe
1982 Maurice H. Yeates 2007 Brian Luckman
1983 J. Gordon Nelson 2008 Geraldine Pratt
1984 Leslie J. King 2009 Meric S. Gertler
1985 Larry S. Bourne 2010 Barry Boots
1987 No Award 2012 Glen B. Norcliffe
1988 David F. Ley 2013 Edward Relph
1989 James R. Gibson 2014 Brian Luckman
1990 Paul-Yves Denis 2015 Olav Slaymaker
Michael Goodchild 2016 Philip Dearden
1991 Kenneth Hewitt 2017 Richard Harris
1992 James Simmons 2018 George Lovell
Ming-Ko (“Hok”) Wo 2019 Philip Dearden
1993 no award/non attribué 2020 Maureen Reed
1994 Jean-Claude Dionne 2020 Linda Peake
Bruce Mitchell 2019 R. Louis Gentilcore (posthumous)
1995 Hugh French 2018 Daniel Scott
1996 Pierre Richard
Award for Service to the Profession of Geography

This award is intended to recognize a member of the CAG for exceptional professional service over a period of years - for example, in the university training of geographers, in administration or similar activities in the public service, as an officer of a learned society, or in such other ways as have significantly advanced the profession and practice of geography in Canada. The names of recipients in previous years are given below:

Le Prix pour services rendus à la profession de géographie

Ce prix est décerné en reconnaissance de plusieurs années de services professionnels exceptionnels à un membre de l’ACG chargé de la formation universitaire des géographes, au titulaire d’un poste de nature administrative ou autre dans la fonction publique, à un cadre de société savante ou à quiconque a grandement contribué à l’avancement et à l’exercice de la profession de géographe au Canada. Les noms des anciens lauréats sont indiqués ci-dessous:

1972 Donald F. Putnam 1994 Leszek Kosinski
1974 Benoît Brouillette 1996 John Parry
1975 J. Keith Fraser 1997 S. Brian McCann
1976 Pierre Dagenais 1998 no award/non attribué
J. Lewis Robinson 1999 Mark W. Rosenberg
1977 Trevor Lloyd 2000 Denis St-Onge
1978 J. Wreford Watson 2001 Margaret North
1979 Thomas R. Weir 2002 Bryan H. Massam
1980 Lloyd G. Reeds 2003 Jean-Marie Dubois
1981 J. Howard Richards 2004 Audrey Kobayashi
1982 Richard I. Ruggles 2005 Peter G. Johnson
William C. Wonders 2006 Philip J. Howarth
1983 Ralph R. Krueger 2007 John C. Everitt
1984 Peter J. Smith 2008 Len Evenden
1985 William J. Dean 2009 no award/non attribué
Norman L. Nicholson 2010 Bob Sharpe
1986 J. Brian Bird 2011 Iain Wallace
1987 Marie E. Sanderson 2012 Hugh Millward
1988 Geoffrey J. Matthews 2013 Evelyn Peters
Robert W. Packer 2014 Bernard Thraves
1989 Ludger Beauregard 2015 Dan J. Smith
1990 Jacob Spelt 2016 Valerie Preston
1991 Helen Rowland 2017 Marilyne Jollineau
Roger Tomlison 2018 no award/non attribué
1992 Donald Kerr 2019 Wayne Forsythe
1993 Fernand Grenier 2020 Dan Shrubsole


Award for Excellence in Teaching Geography

In recognition of the primary importance of teaching excellence in geographic education, the Canadian Association of Geographers (CAG) offers this award to a member of the CAG who teaches in a recognized university, college, CEGEP or high school. At a minimum, a nominee must be the member of the teaching staff, full or part-time, hired to teach a course in any one year, who has primary responsibility for organizing and presenting course material.

Normally, a nominee would be a member of the teaching staff, who has distinguished herself or himself in courses with small and large enrolments, at different levels of instruction, over several years of teaching in the nominating institution. Established in 1997, the name of the recipient is given below:

Le Prix d’excellence pour l’enseignement en géographie

Pour reconnaître l'importance primordiale de l'excellence des professeurs de géographie, l'Association canadienne des géographes (ACG) décerne ce prix à un membre de l'ACG qui enseigne dans une université, un collège, un cégep ou une écoles secondaire reconnu.

Le candidat doit être au moins professeur à temps plein ou à temps partiel, chargé d'enseigner un cours d'une année et être le premier responsable de l'organisation et de la présentation de la matière en classe cours. Normalement, le candidat est un professeur qui s'est illustré dans des cours suivis par un effectif restreint ou nombreux, à différents niveaux du curriculum universitaire, depuis plusieurs années dans l'établissement qui propose sa candidature.

1997 Stuart W. Semple 2009 Norman R. Catto
1998 Neil Field 2010 Jody Decker
1999 André Roy 2011 Kathi Wilson
2000 Lorne Bennett 2012 Michael J. Fox
   Jean Andrey 2013 Catherine Nolin
2001 Robert Rogerson 2014 Robert Milne
2002 no award/non attribué 2015 Don Boyes
2003 Ben Moffat 2016 Ian O’Connell
   James E. Randall 2017 Jeff Hopkins
2004 Geoff McBoyle 2018 Alana Boland
2005 Fes de Scally 2019 Shivanand Balram
2006 Brent Hall 2020 CindyAnn Rose-Redwood
2007 Michael F. Fox
2008 Susan E. Wurtele


**Award for Geography in the Service of Government or Business**

In recognition of the primary importance of excellence in geography in the service of government or business, the Canadian Association of Geographers (CAG) offers this award to someone who has carried out major work for or in the public or private sector.

Normally a nominee would have distinguished himself or herself through the development or application of geographic techniques or tools used in the service of government or business or has a record of achievement for geography in the service of government or business over a long period of time. Established in 1997, the name of the recipient is given below:

**Le Prix de géographie au service du gouvernement ou des affaires**

Pour reconnaître l'importance primordiale de l'excellence de la géographie au service du gouvernement ou du monde des affaires, l'Association canadienne des géographes (ACG) décerne ce prix à quelqu'un qui a réalisé d'importants projets pour le secteur public ou privé.

Le candidat doit s'être illustré par la mise au point ou l'application de techniques ou d'instruments géographiques utilisés au service du gouvernement ou du monde des affaires ou avoir plusieurs réalisations en géographie au service du gouvernement ou du monde des affaires à son palmarès.

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
<th>Year</th>
<th>Recipient</th>
</tr>
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<tbody>
<tr>
<td>1997</td>
<td>Ken G. Jones</td>
<td>2009</td>
<td>Terry Prowse</td>
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<tr>
<td>1998</td>
<td>no award/non attribué</td>
<td>2010</td>
<td>Joan Marsha Schwartz</td>
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<tr>
<td>1999</td>
<td>Alistair McVey</td>
<td>2011</td>
<td>Donald Forbes</td>
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<td>2000</td>
<td>Anthony Lea</td>
<td>2012</td>
<td>Donna Williams</td>
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<tr>
<td>2001</td>
<td>Frank Quinn</td>
<td>2013</td>
<td>Daniel Hiebert</td>
</tr>
<tr>
<td>2002</td>
<td>no award/non attribué</td>
<td>2014</td>
<td>Stephen Woodley</td>
</tr>
<tr>
<td>2003</td>
<td>Charles Hostovsky</td>
<td>2015</td>
<td>Peter G. Bush</td>
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<tr>
<td>2004</td>
<td>Barry Wellar</td>
<td>2016</td>
<td>no award/non attribué</td>
</tr>
<tr>
<td>2005</td>
<td>Robert Pampalon</td>
<td>2017</td>
<td>David Phillips</td>
</tr>
<tr>
<td>2006</td>
<td>no award/non attribute</td>
<td>2018</td>
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<td>2007</td>
<td>Quentin Chiotti</td>
<td>2019</td>
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<td>2008</td>
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</table>
President's Award for Outstanding Service to the Canadian Association of Geographers

The President's Award for Outstanding Service is made with the support of the CAG President to honour an outstanding contribution to the mission of the Canadian Association of Geographers. It recognizes exceptional service to the association, its members, and affiliates by a member of the association. Recipients of the award have gone well beyond their assigned responsibilities and have demonstrated an unusual commitment to the association. The award is intended to acknowledge and publicly celebrate these outstanding contributions, all the while acknowledging that the integrity and dedication the recipients have brought to the association is simply beyond measure.

Prix du président pour services exceptionnels rendus à l'Association canadienne des géographes

Le Prix du président pour services exceptionnels est décerné avec l'appui du président de l'ACG pour souligner une contribution exceptionnelle à la mission de l'Association canadienne des géographes. Elle reconnaît les services exceptionnels rendus à l'association, à ses membres et à ses affiliés par un membre de l'association. Les récipiendaires du prix sont allés bien au-delà des responsabilités qui leur ont été assignées et ont démontré un engagement inhabituel envers l'association. Le prix vise à reconnaître et à célébrer publiquement ces contributions exceptionnelles, tout en reconnaissant que l'intégrité et le dévouement des récipiendaires envers l'association sont tout simplement sans mesure.

2011 Mary-Louise Byrne
     Ian MacLachlan
     Dan Smith
2016 Jean Andrey
2017 K. Wayne Forsythe
2018 Lynn Moorman
     Beth Dye
     Matthew Hatvany
     Marie-Pierre Guy-Dorion
     Maxwell Bouchard
2020 Alison Gill
The Starkey-Robinson Award gives recognition to high quality graduate research that furthers understanding of the geography of Canada. Eligibility for the award is based on the completion of a thesis or comparable work at the Masters or Doctoral level at a Canadian University within the preceding 2 years.

1990 Irena Onrijchuk, Simon Fraser University
1991 Andrew Haden, University of Alberta
1992 Susan McFarlane, Queen’s University
1993 Siri Bartelsen, University of British Columbia
1994 Ineke Dijks, Queen’s University
1995 Charlotte McCallum, Carleton University
1996 Tony Isaak, University of Saskatchewan
1997-1999* No award/non attribué
2000 Phil Morris, University of Northern British Columbia
2001 Lilian Ford, University of British Columbia
2002 Michael Buzzelli, McMaster University
2003 Sarah de Leeuw, University of Northern British Columbia
2004 No award/non attribué
2005 Timothy F. Johnsen, Simon Fraser University
2006 Mary Subedar, University of British Columbia
2007 Shannon Studen Bower, University of British Columbia
2008 Jesse Proudfoot, Simon Fraser University
2009 Emma Stewart, University of Calgary
2010 Andrey N. Petrov, University of Toronto
2011 Rosalind Franklin, Concordia University
2012 Julia Christenson, McGill University
2013 Nathaniel Lewis, Queen’s University
2014 Jared Peters, Simon Fraser University
2015 J P Catungal, University of Toronto
2016 Matt Dyce, University of British Columbia
2017 Andrew Perkins, Simon Fraser University
2018 Katie Hemsworth, Queen’s University
2019 Jonathan Luedeke, University of British Columbia
2020 Jessica Hallenbeck, University of British Columbia
Appendix 6 / Annexe 6

The Julian M. Szeicz Award for Early Career Achievement / Le prix Julian M. Szeicz pour réalisations en début de carrière

The Julian M. Szeicz Award honours the memory and achievement of Dr. Julian M. Szeicz (1965-1998).

The award is in recognition of a significant achievement by a Canadian geographer at an early career stage and is presented annually by the Canadian Association of Geographers. The purpose of the award is to foster the development of geographical studies in Canada and to provide recognition of recently established geographical practitioners. The award is given for a significant contribution to Canadian geography, which may be a synthesis or a regional study, a new concept, a significant research advance in a subfield of geography, or the development of a technique.


L'Association canadienne des géographes (ACG) décerne ce prix annuellement pour souligner une réalisation importante d'un géographe canadien qui en est à ses débuts. Le but de ce prix est de favoriser les études en géographie au Canada et de mettre en valeur le travail des nouveaux géographes. On accorde ce prix pour reconnaître l'importante contribution d'un candidat à la géographie du Canada dans le cadre d'un travail de synthèse ou d'une étude régionale, d'un nouveau concept, d'un avancement remarquable de la recherche dans un sous-domaine spécialisé de la géographie ou encore de la mise au point d'une technique.

2003 Allison M. Williams  
2004 no award/non attribué  
2005 Michael  
2006 Philip Kelly  
2007 no award/non attribué  
2008 Isaac Luginaah  
2009 Jason Gilliland  
2010 Heather Castleden  
2011 Jeffrey Masuda  
2012 Rachel Bezner-Kerr  
2013 Martin A. Andresen  
2014 Matthew Schnurr  
2015 Chantelle Richmond  
2016 Simon Springer  
2017 Jennifer Silver  
2018 Jennifer Korosi  
2019 Carissa Brown  
2020 Gabriel Fauveaud
Appendix 7 / Annexe 7

The 2020 CAG Undergraduate Award Winners / Gagnant(e)s du Prix du premier cycle de l’ACG 2020

The Canadian Association of Geographers presents awards to the most outstanding students graduating in Geography honours/majors programmes at universities or colleges across Canada. / L’Association canadienne des géographes décerne chaque année un prix aux étudiant(e)s les plus éminents dans les programmes de spécialisation en géographie universités à travers le Canada.

| University of Alberta         | Victoria Cruickshank |
| University of Alberta-Augusta | Carson Hvenegaard    |
| Bishop's University           | Maxime Barker        |
| Brandon University            | Kiera Senkbeil       |
| University of British Columbia| Kihan Yoon-Henderson |
| UBC - Okanagan Campus         | Mari Lannon          |
| Brock University              | Stephanie Tulipano   |
| University of Calgary         | Coleman Vollrath     |
| Carleton University           | Erin Turnbull        |
| Concordia University          | Bradley Barr         |
| University of the Fraser Valley| Dania Davison       |
| University of Guelph          | no submission / aucune soumission |
| Lakehead University           | no submission / aucune soumission |
| Laurentian University         | Josee Wahamaa        |
| Université Laval              | no submission / aucune soumission |
| University of Lethbridge      | Scott Vegter         |
| University of Manitoba        | Dylan Painchaud-Niemi|
| McGill University             | Annabelle Couture-Guillet |
| McMaster University           | Sabine O'Donnell     |
| Memorial University           | Kathryn White        |
| Université de Moncton         | no submission / aucune soumission |
| Université de Montréal        | Cloé Fortin          |
| Université du Québec à Montréal| no submission / aucune soumission |
| Mount Allison University      | Sam Smedley          |
| Nipissing University          | Alexander Shillinglaw|
| University of Northern BC     | Alexandra Johnson    |
| University of Ottawa          | no submission / aucune soumission |
| Queen's University            | Megan E. Smythe      |
| University of Regina          | no submission / aucune soumission |
| Ryerson University            | Mayah Obadia         |
| Saint Mary's University       | Peter Inches         |
| University of Saskatchewan    | Matthew Reichert     |
| Simon Fraser University       | Ruby Barnard         |
| Thompson Rivers University    | Breena Iannetti      |
| University of Toronto-Mississauga | Monique Dosanjh    |
| University of Toronto-Scarborough | Benjamin Klar     |
| University of Toronto-St. George | Thomas Fraser     |
| Trent University              | Grant Eveleigh       |
| Trinity Western University    | no submission / aucune soumission |
| Vancouver Island University   | Alex Harte           |
| University of Victoria        | no submission / aucune soumission |
| University of Waterloo        | Jennifer Fliesser    |
| University of Western Ontario | Victoria Barlow      |
| Wilfrid Laurier University    | Rosemary Brockett    |
| University of Winnipeg        | Catherine Goltz      |
| York University               | Thomson Hawk         |
These groups provide a forum for members to focus on their particular subject in geography and many also organize special paper sessions at the CAG annual meetings. For more information on these study groups and their mandate please contact them directly. You must be a member of the CAG in order to join the CAG study groups.

Les groupes d'étude de l'ACG offrent un forum de discussion et d'échange pour des membres qui s'intéressent à un sujet particulier de la géographie. Les groupes sont responsables de sessions spéciales lors des réunions annuelles de l'ACG. Pour plus d'information sur ces groupes d'étude et leur mandat contactez-les directement. Vous devez être un membre de l'ACG pour vous joindre aux groupes d'étude.

1. **Feminist Intersectional Solidarity Group / Groupe de solidarité intersectionnelle féministe**
   Chair / Présidente : Zoe Meletis, zoe.meletis@unbc.ca

2. **Environment and Resources Study Group / Groupe d’étude sur l'environnement et les ressources**
   Co-Chair / Co-Président : Jonathan Luedee, j.luedee@uwinnipeg.ca
   Co-Chair / Co-Président : Liam Kennedy-Slaney, kennedy1@myumanitoba.ca

3. **Tourism and Recreation Study Group / Groupe d'étude en tourisme et loisirs**
   Co-Chair / Co-Présidente : Kim Lemky, lemkyk@BrandonU.ca
   Co-Chair / Co-Président : Chris Fullerton, chris.fullerton@brocku.ca

4. **Economic Geography Study Group / Groupe d'étude sur la géographie économique**
   Chair / Président : Patrick Brouder, patrick_brouder@sfu.ca

5. **Marine Studies and Coastal Zone Management Study Group / Groupe d’étude sur la gestion des zones maritimes et cotières**
   Chair / Président: Henry L. Frew, Jr., frewh@carrickhouse.net

6. **Health and Health Care Study Group / Groupe d'étude sur la santé et les soins de la santé**
   Chair / Président : Elijah Bisung, elijah.bisung@queensu.ca

7. **Indigenous Peoples Working Group / Groupe de travail sur les peuples autochtones**
   Co-Chair / Co-Présidente : Catherine Nolin, Catherine.Nolin@unbc.ca
   Co-Chair / Co-Présidente : Gail Fondahl, gail.fondahl@unbc.ca
8. **Rural Geography Study Group**  
*Groupe d’étude en géographie rurale*  
Chair / Président : Doug Ramsey, ramsey@brandonu.ca

9. **Canadian Geomorphology Research Group**  
*Groupe canadien de recherche en géomorphologie*  
Chair / Présidente : Jan Franssen, jan.franssen@umontreal.ca

10. **Public Policy Issues Study Group**  
*Groupe d'étude sur les enjeux en politique publique*  
*Dissolved / dissous 2017*

11. **Geographic Information Science (GIS) Study Group**  
*Groupe d’étude sur la science de l’information géographique (SIG)*  
Chair / Président : Tarmo K. Remmel, remmelt@yorku.ca

12. **Geographies of Asia Study Group**  
*Groupe d’étude en géographies de l’Asie*  
Chair / Président: Tom Waldichuk, twaldichuk@tru.ca

13. **Geographic Education Study Group**  
*Groupe d’étude sur l’éducation géographique*  
Co-Chair / Co-Présidente : Kelley McClinchey, kmcclinchey@wlu.ca  
Co-Chair / Co-Présidente : Chantal Déry, chantal.dery@uqo.ca

14. **Diversity, Migration, Ethnicity and Race Study Group**  
*Groupe de recherche sur la diversité, la migration, l’ethnicité et la race*  
Co Chair / Co-Présidente : Sutama Ghosh, sutama@geography.ryerson.ca  
Co-Chair / Co-Président : Carlos Teixeira, carlos.teixeira@ubc.ca

15. **Historical Geography Study Group**  
*Groupe d’étude en géographie historique*  
Interim Chair / Président par intérim: Jonathan Peyton, Jonathan.Peyton@umanitoba.ca

16. **The Urban Geography Study Group**  
*Groupe d’étude en géographie urbaine*  
Chair / Président : Evan Cleave, ecleave2@uwo.ca