Dr. Cathy Conrad
My research focuses on increasing community capacity for integrated water monitoring and management in Canada and internationally through the Community-Based Environmental Monitoring Network (CBEMN).

Research Students:
- CREMIN Student Researcher – Courtney Craig
- Master Students: Ron Van Cleven, Jeff Blay, Chris Garda, Amu Budhandhicku, Ashley Shepard, Melissa Healler, Erin Murphy

Recent projects:
- CBEMN work with MapGIS
- Community based River Quality Report Card
- Community based Land Quality Report Card
- Community based River Quality Report Card

Dr. Philip Giles
I am interested in historical-cultural geography with broad interests in how places are constructed, contested, and imbued with complex meanings by individuals and communities. My current research explores the processes of place-making primarily in the context of travel and tourism to heritage sites, especially those with a dark past. In addition, I am also interested in exploring how cultural landscapes of nature—most notably parks and protected areas—are conceptualized and materialized.

Research Students:
- Joann Francis (MA Geography)
- Hiroshi Nakashima (BA)
- Jan Bray (MA), Logan Hemmings (BA), in Pittsboro (MA)
- Scouloudi Dathiri (BA), Htila Ranee (MA)

Recent projects:
- New York Learning Commons: A 7 year initiative funded by SSHRC
- Influence of Local, Cross-Border Collaboration in Lasbette and Quetico (Canada-USA) National Parks: An Evaluation of Community Involvement and possibility of Future Expansion in the United States
- Building National Park Connections in Atlantic Canada (funded by Atlantic Canada Opportunities Agency)

Dr. Ryan Gibson
As a rural geographer, I am interested in how rural, northern, and peripheral communities sustain and revitalize themselves in the ever changing global economy. I am particularly interested in strategies for local and rural development, new forms of governance, and the how wealth is transferred in these communities and regions.

Examples of research projects:
- What are the barriers to multi-community collaboration in northern areas?
- How does wealth get transferred between generations in rural areas?
- How do new forms of governance in peripheral regions engage with legislative mandates?

Research Students:
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Dr. Jason Grek Martin
I am an historical-cultural geographer with broad interests in how places are constructed, contested, and imbued with complex meanings by individuals and communities. My current research explores the processes of place-making primarily in the context of travel and tourism to heritage sites, especially those with a dark past. In addition, I am also interested in exploring how cultural landscapes of nature—most notably parks and protected areas—are conceptualized and materialized.

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Dr. Hugh Millward
I am interested in many facets of the functioning and physical design of the modern city. Some of my research relates to aggregate social and land-use patterns, but other work focuses on the local and movemental character of individual citizens. I try to relate my empirical work to policies for improved urban planning and design.

Research Students:
- Erin Murphy Mills

Recent projects:
- GIS work with service drinking coffee consumption and climate

Dr. Mat Novak
My research focuses on the development of the urban landscape, using Geographic Information Systems (GIS) to map patterns and processes of urban change. Underlying my research is the understanding that the built environment is shaped by and simultaneously a product of human activity; the urban landscape can be read as an indicator of human culture and modified to influence activities of its inhabitants.

Research Students:
- Sheri Nest, MA Geography
- Shawn McEvarther, MA Geography

Recent projects:
- 2013 6th Annual Evaluation, "Transforms of Urban Form and Different Social Spaces", World Landvalues Development Global
- Land Modernization as an indicator of agricultural intensification and degradation: Distance to farmland for various types of abstractions

Dr. Cristian Sutenea
My research focuses on studying the geographical aspects of our interactions with the environment. This includes studies on the relationship between information, symmetry, and scale; contributing to a methodological framework for the study of environmental and natural hazard variability.

Research Students:
- Laura Lucci (Ph.D Thesis): Scale-Free Methods and Cellular Automata Models applied to the Study of Landslide Patterns and Dynamics (Umi's of Perugia)
- Blaine Harwood (B.A. Geography, Laurentian Uni.)
- Jasmine Jamieson (B.Sc. Dalhousie University)

Recent Projects:
- How are wave propagation models used in environmental and natural hazard variability, remote sensing, and monitoring processes?

Expertise:
- Urban development and history
- Land use and location of physical activity
- Who areandommunity members and how are they changing the tide of Habitat?
- How has driven-time service changed coffee consumption and culture?
- What rate do shopping malls play in the contemporary city?

Dr. Danika van Proosdij
As a coastal geomorphologist, I am interested in understanding how the biophysical processes of coastal ecosystems respond to natural and anthropogenic drivers of change and how ecosystems are adapted to and can be managed in terms of stress and ecosystem function.

Research Students:
- Emma Parker (MSc Applied Science)
- Osama Almazroa (MSc Applied Science)
- Graeme Matheson (MSc Applied Science)
- Britney Mirshahi (Ph.D Geography)
- Samantha Stone (Ph.D Geography)
- Barbara Paterson (Research Assistant)

Recent projects:
- Coastal environments: New Zealand
- Coastal geomorphology
- Coastal climate change vulnerability and adaptation
- Ecosystem based restoration
- Coastal sediment transport and morphodynamics

Expertise:
- Coastal geomorphology
- Coastal climate change vulnerability and adaptation
- Ecosystem based restoration
- Coastal sediment transport and morphodynamics

Recent Projects:
- Development and Application of Guidelines for Management of Adaptive Capacity and Resilience in Atlantic Coastline Communities
- Development and Evaluation of Long-Term Monitoring Protocols for Atlantic Coastline Communities: The Urban Shorefront Paradigm
- Selection of Sustainable Coastal Adaptation Strategies in Canada in the face of Climate Change (funded by SSHRC)
- Evaluation of Coastal Wetlands and coastal barriers in urban, suburban, and rural areas
- Estuarine Ecosystems in the South Atlantic coastal region
- Building Durability of Coastal Infrastructure: Adaptation Strategies in the New York Learning Commons (funded by Atlantic Canada Opportunities Agency)