Current Research Opportunities for Prospective Graduate Students 2024-2025

Physical Geography, GIS and Remote Sensing

Dongmei Chen (chendm@queensu.ca)

its impact on COVID-19 spread

Ryan Danby (<u>ryan.danby@queensu.ca</u>) Looking for one or two students, M.Sc. or Ph.D.

data and remote sensing data to model changing habitat use of the declining Bathurst caribou herd in Nunavut and Northwest Territories.

Melissa Lafrenière (Melissa.Lafreniere@queensu.ca)

The relationship between landscape features and hydrological and biogeochemical processes involving carbon, nitrogen, contaminants, and metals in High Arctic watersheds.

Investigating how climate warming, impacts groundwater contributions to runoff and catchment biogeochemical processes across different geomorphic features in permafrost watersheds.

How size, abundance, and lability of organic carbon (POC and DOC) varies with permafrost and hydrological changes in High Arctic Watersheds.

Ideally suited for a PhD students, starting September 2024, with possibility of field work in summer 2024.

## Christopher Omelon (c.omelon@queensu.ca)

Looking for two or three students, M.Sc. and Ph.D.

To document landscape conditions (e.g., surface water chemistry and hydrology, soil moisture and active layer dynamics, vascular plant abundance and diversity, carbon fluxes, and microbial activity and diversity) in a high Arctic setting to provide a baseline for changes due to dimate warming.

## Human Geography

Grace Adeniyi-Ogunyankin (goaa@queensu.ca)

Looking for one student, M.A. or Ph.D. I am looking for someone interested in youth cultures and the African urban.

Laura Cameron (cameron@queensu.ca)

Looking for one student, M.A. or Ph.D. Looking for a student interested in historical geographies of nature and joining the Sonic Arts of Place (SAP) Lab 92 reW\*nBT0 g/TT1 12 Tf10802 59.7gi (SAP TETQ(g)7(t)as0 0 62 1fh1 Td( \$948(3 4

## Mark Stoller (mark.stoller@queensu.ca)

Looking for one or more MA or PhD student(s).

I am looking for students with research interests in Arctic/circumpolar human geography, geographies of settler-Indigenous relations, participatory research methods/methodologies, and youth-oriented research.

I am also interested in working with students with interdisciplinary interests across human and physical geography.