



# 4<sup>th</sup> Annual Northern Research Day

Friday, January 24<sup>th</sup>, 2020

McGill Faculty Club, 3450 McTavish Street, Montréal, Québec

8:30 a.m. – 5:00 p.m.

## EVENT PROGRAM

- 8:30 – 9:00 **Arrival, registration, and networking**
- 9:00 – 9:30 **Welcoming, INQ, and McGill North updates**  
*Murray Humphries, INQ-McGill Chair in Northern Research, Centre for Indigenous Peoples' Nutrition and Environment*
- 9:30 – 9:50 **Persistent organic pollutants exposure variations in killer whale blubber from Iceland (2014-2016)**  
*Anaïs Remili, Natural Resource Sciences, McGill University*
- 9:50 – 10:10 **Multiple stressors in arctic wildlife - tools and challenges**  
*Jean-Pierre Desforges, Natural Resource Sciences, McGill University*
- 10:10 – 10:30 **Project co-development addressing community concerns over reintroduced muskox habitat use**  
*Laurence Carter, Natural Resource Sciences, McGill University*
- 10:30 – 10:50 **Coffee break**
- 10:50 – 11:10 **Adapting to climate change in small-scale fisheries: Insights from Indigenous communities in the global north and south**  
*Eranga Galappaththi, Geography, McGill University*
- 11:10 – 11:30 **A novel wild food valuation framework using local retail replacement costs in Nunavut**  
*Duncan Wartier, Centre for Indigenous Peoples' Nutrition and Environment, McGill University*
- 11:30 – 11:45 **McGill Northern Engagement Grants Announcement**  
*Murray Humphries & Gwyneth MacMillan, Centre for Indigenous Peoples' Nutrition and Environment, McGill University*
- 11:45 – 12:00 **Poster speed-pitches (see table below)**
- 12:00 – 13:15 **Lunch and poster session**



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- 13:15 – 13:25 **Reconvene, upcoming INQ/McGill North events and opportunities**  
*Murray Humphries, INQ-McGill Chair in Northern Research, Centre for Indigenous Peoples' Nutrition and Environment*
- 13:25 – 13:45 **Educating next generation leaders in arctic science diplomacy**  
*Melody Burkins, Environmental Studies, Dartmouth College*
- 13:45 – 14:05 **Fantasies of arctic agriculture: a retrospective of farming, gardening and ranching interventions in Inuit Nunangat**  
*Eleanor Stephenson, Geography, McGill University*
- 14:05 – 14:25 **Capacity building through institution building: the case of Impact Assessment in Yukon Territory**  
*Samantha Darling, Natural Resource Sciences, McGill University*
- 14:25 – 14:45 **Abrupt changes across the arctic permafrost region endanger northern development**  
*Bernardo Teufel, Civil Engineering and Applied Mechanics, McGill University*

14:45 – 15:00 **Coffee break**

- 15:00 – 15:20 **Promoting community engaging youth in assessing their local food environments: a methodology**  
*Brittany Jock, School of Human Nutrition, McGill University*
- 15:20 – 15:40 **A cervical cancer screening theory of change using Fuzzy Cognitive Mapping with Inuit women in Nunavik, northern Quebec**  
*Ivan Sarmiento & Elyse Tratt, Family Medicine, McGill University*
- 15:40 – 16:00 **“We need to do public health differently in this community”: exploring the impact of participatory video on public health policy**  
*Pamela Lamb, Integrated Studies in Education, McGill University*

16:00 – 17:00 **Cocktail mixer**



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## POSTER PRESENTATIONS

- 11:45 – 11:47  
(poster board #1) **Examining cumulative effects assessment for traditional food systems in Eeyou Istchee, northern Quebec, Canada**  
*Tian Qi Che, Natural Resource Sciences, McGill University*
- 11:47 – 11:49  
(poster board #2) **Community-based environmental monitoring: perspectives of early career researchers**  
*Gwyneth MacMillan, Centre for Indigenous Peoples' Nutrition and Environment, McGill University*
- 11:49 – 11:51  
(poster board #3) **Energy expenditure of Black-legged Kittiwakes (*Rissa tridactyla*) using the doubly-labelled water technique paired with triaxial daily diaries and GPS logging**  
*Frederique Tremblay, Natural Resource Sciences, McGill University*
- 11:51 – 11:53  
(poster board #4) **The need for the humanities in arctic research**  
*Emily Hoppe, Anthropology, McGill University*
- 11:53 – 11:55  
(poster board #5) **Impacts of beaver expansion in Nunavik**  
*Mikhaela Neelin, Centre for Indigenous Peoples' Nutrition and Environment, McGill University*
- 11:55 – 11:57  
(poster board #6) **Culturally important plants, traditional knowledge, and environmental change in Eeyou Istchee**  
*Allison Ford, Centre for Indigenous Peoples' Nutrition and Environment, McGill University*
- 11:57 – 11:59  
(poster board #7) **Ecological monitoring of terrestrial arthropods on Axel Heiberg Island, Nunavut**  
*Anthony Zerafa, Natural Resource Sciences, McGill University*
- 11:59 – 12:01  
(poster board #8) **Individual plasticity in foraging behavior in black-legged kittiwakes (*Rissa tridactyla*)**  
*Jenna Schlener, Natural Resource Sciences, McGill University*
- 12:01 – 12:03  
(poster board #9) **Old carbon in Northern Quebec thaw lakes is stored as organic carbon or released as methane bubbles**  
*Regina Gonzalez Moguel, Earth and Planetary Sciences, McGill University*



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## PRESENTATION GUIDELINES

Oral presentations are assigned to a 20-minute time slot, and we request presentations be no longer than 15 minutes in duration to allow 5 minutes for questions and presentation change-over. See the top table above to know when your presentation is scheduled.

Poster boards will be landscape format with dimensions 2.1 m (7 feet) wide x 1.2 m (4 feet) tall. Your poster is NOT required to take up all of the space provided, only to fit comfortably within that space. In practice most posters are smaller than the board, typically in the 1.2-1.5 m (4-5 feet) wide x 0.9-1.2 m (3-4 feet) tall range. Please bring your own pins and/or any other equipment required to mount your poster on the board (see your poster board number in table above). We encourage you to put up your poster as soon as you arrive at the event, ideally prior to the start of oral presentations at 9:00.

Poster presenters are asked to introduce their poster during a speed-pitch plenary session held between 11:45 and 12:00 (see table above to know when your speed-pitch is scheduled), with the poster session following immediately after from 12:00 – 13:15. The following are some guidelines to help you prepare your poster speed-pitch:

We ask you to prepare a speed-pitch in which you will summarize the content of your poster in under 2 minutes, with the help of maximum three powerpoint or PDF slides. The goal is to summarize your research, including results or key messages, in order to get people interested in visiting your poster. You will have to be clear and concise in order to respect the time allotted to you (we encourage practicing beforehand). We will combine everyone's slides into a single presentation, so please bring yours on a memory key to the registration desk first thing in the morning, and please avoid any animations, audio-visual files, or complex formatting in the event that we need to convert your slides to a different software. When the time comes to present, please join Murray at the front of the room, so that when your presentation is next you can be ready for a quick transition, helping us stay on time.

All presentations (oral presentations and poster speed-pitches) will need to be loaded on the laptop at the front of the room, ideally prior to the 9:00 start of oral presentations, but if not then, the final opportunity will be during the morning coffee break scheduled for 10:30.