

OCSNRS 2025
Ottawa-Carleton Student Northern Research Symposium
Friday, March 7th 9:00 AM - 5:00 PM
Carleton University, St. Patrick's Building 303

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| 9:00 AM | Welcome from 2025 OCSNRS Organizing Committee | Ada Lowen Ph.D. Geography Carleton University |
| 9:15 AM | Keynote Speaker: David Hik, Chief Scientist & V.P. Research at Polar Knowledge Canada | |
| | Earth sciences (geology and hydrogeochemistry) | Derek Wilson Earth Science Carleton University |
| 10:00 AM | Age, Environment and Climatic Changes in the Carboniferous Carbonates of the Cache Creek Terrane of the Yukon, Canada | Olivia King Ph.D. Earth Science Carleton University |
| 10:20 AM | Stable isotope composition and analysis of carbon ($\delta^{13}C$) and nitrogen ($\delta^{15}N$) in female Qamanirjuaq caribou (<i>Rangifer tarandus groenlandicus</i>) antlers | Matthew Brenning Ph.D. Earth Science Carleton University |
| 10:40 - 11:00 AM COFFEE BREAK | | |
| 11:00 AM | Strontium isotope signature of rock-water interaction in Whitehorse, Yukon groundwater | Jacob Szaranski B.Sc. Earth Science Carleton University |
| | Contaminants & biogeochemistry of northern ecosystems | Alex Guillerez M.Sc. Earth Science Carleton University |
| 11:20 AM | Wetland Soil Carbon Mapping in the First Nation of Na-cho Nyäk Dun's Traditional Territory | Adriana Caswell B.Sc. Geography Carleton University |
| 11:40 AM | Biogeochemical cycling in lakebed microbial communities in perennially ice-covered Lake Untersee, Queen Maud Land, Antarctica | Efe Kemal Koc M.Sc. Geography University of Ottawa |
| Noon - 1:00 PM LUNCH | | |
| 1:00 PM | Spatial-temporal variation in mercury and other trace | Leif Rupke |

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| | metals in rivers and lakes of the Yukon River Headwaters | B.Sc. Earth & Env. Science University of Ottawa |
| 1:20 PM | Measuring the chemical contaminant burdens of Arctic nesting geese in Arviat Nunavut – a community-based monitoring project | Emily Wong M.Sc. Biology Carleton University |
| | Food security and economic development in northern communities | Frederic Brieger Ph.D. Geography Carleton University |
| 1:40 PM | Infrastructure Development and Community Food Security in the Inuvialuit Settlement Region: Impacts of the Inuvik-Tuktoyaktuk Highway | Camille Slack Ph.D. Geography University of Ottawa |
| 2:00 PM | Food insecurity in Canada's North: An urgent call to address rising food insecurity in Inuit Nunangat communities | Alexandra (Sasha) Kelly B.Sc. Biomedical Science University of Ottawa |
| 2:20 - 2:40 PM | COFFEE BREAK | |
| 2:40 PM | Decolonizing research methods to support fishery relationships with Sahtú Got'ine | Carola Ramos-Cortez Postdoc Public Policy Carleton University |
| 3:00 PM | Strengthening Health Promotion Programs and Overall Well-being: A Community-Based Participatory Research Approach in the Moose Cree First Nation | Trisia Mae Balalio M.Sc. Health Science University of Ottawa |
| 3:20 PM | Cool Story Bro: Communicating your research with ArcGIS StoryMaps | Sarah Simpkin and René Duplain Carleton & U Ottawa Libraries |
| 3:40 PM | Photo contest winners, poster session kick off, and thank you's | Olivia King Ph.D. Earth Science Carleton University |
| 3:45 - 5:00 PM | POSTER SESSION | |
| #01 | Investigating Impact of Ice Shelf Deterioration on Ice Islands and Vessel Risks in Arctic Shipping | Erika Brummell M.Sc. Geography University of Ottawa |
| #02 | Geological Drivers of Uranium Mobilisation in Groundwater along the Whitehorse Copper Belt, Yukon | Alex Guillerez M.Sc. Earth Science Carleton University |

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| #03 | Chemostratigraphy of the Neoproterozoic Kennedy Channel and Ella Bay formations, Ellesmere Island | Rizzieri Balestra B.Sc. Earth Science Carleton University |
| #04 | Morphology and Evolution of the Milne Ice Shelf Basal Channel | Owen Kirkham M.Sc. Geography Carleton University |
| #05 | The influence of hydrogeomorphic setting on wetland vegetation and hydrology in central Yukon wetlands | Leila Rashid M.Sc. Geography Carleton University |
| #06 | Evaporation Modelling at Qikiqtaalik Lake, Iqaluit, Nunavut | Jakob Hadden M.Sc. Geography Carleton University |
| #07 | Interweaving different ways of knowing to monitor birds | Laura Boyd B.Sc. Biology Carleton University |
| #08 | Understanding how Llewellyn Glacier's Proglacial Lake Affects Yukon Headwaters and Surrounding Communities | Isabel Ichiyama M.Sc. Earth Science University of Ottawa |
| #09 | Legacy and modern anthropogenic impacts on aquatic contaminant cycling in Bennett Lake Watershed, Yukon River Headwaters | Kate Rorabeck M.Sc. Earth Science University of Ottawa |
| #10 | "Bears are like family": Indigenous knowledge of human-polar bear coexistence in Churchill, Manitoba | Katharina (Kt) Miller Ph.D. Geography Carleton University |