

**FEBRUARY
11TH TO
12TH, 2021**

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**TO BE
CELEBRATED
VIRTUALLY**



**THE CIRCUMPOLAR STUDENTS'
ASSOCIATION PROUDLY PRESENTS**

NORTHERN RESEARCH DAY 2021

THE 25TH ANNUAL STUDENT CONFERENCE



Northern Research Day 2021

Register: <https://www.eventbrite.ca/e/northern-research-day-2021-tickets-131781330507>

Schedule: February 11th

Time (MST)	Event	Name	Program	Title
10:00-10:45 AM	Session 1			
10:00-10:05 AM	Welcome Remarks			
10:05-10:10 AM	Lightning talk	McKenzie Kuhn	Renewable Resources	Strong influence of climate and permafrost conditions on greenhouse gas emissions from northern lakes
10:10-10:15 AM	Lightning talk	Katherine Fleury	School of Public Health	Policy and Program Responses to COVID-19 in Canada's North
10:15-10:20 AM	Lightning talk	Christopher Schulze	Renewable Resources	Effects of Warming and Permafrost Thaw on Carbon Dioxide Fluxes from Boreal Peatlands in northwestern Canada
10:20-10:25 AM	Lightning talk	Renaë Shewan	Renewable Resources	Impacts of permafrost thaw on methylmercury production in the discontinuous permafrost zone of western Canada: Preliminary results and future research
10:25-10:30 AM	Lightning talk	Charvanaa Dhoonmoon	Earth & Atmospheric Sciences	Investigating biogeochemical differences between basal ice and subglacially stored meltwaters beneath a high Arctic glacier
10:30-10:35 AM	Lightning talk	Lauren Thompson	Renewable Resources	Methylmercury concentrations and mercury-cycling gene patterns in streams and lakes on a permafrost gradient in Western Canada
10:35-10:40 AM	Lightning talk	Michael Varkovetski	Educational Psychology	What type of inhibition underpins performance on Luria's Fist-Edge-Palm task?
10:40-10:45 AM	Lightning talk	Selina Ertman and Tina Wasilik	Anthropology and Education	25 Years of Northern Research Publication Project
10:45-11:00 AM	Break			
11:00 AM-12:00 PM	Panel Discussion	Ingrid Kritsch, Carolina Behe, Drs. Crystal G. Fraser, Tara Joly, Gita Ljubicic	Multi-disciplinary	Challenges and Opportunities of Community-Engaged Research

12:00-1:00 PM	Lunch Break			
1:00-1:45 PM	Session 2			
1:00-1:15 PM	Oral presentation	April Robin Martinig	Biological Sciences	The new kid on the block: Immigrant males win big whereas females pay fitness cost after dispersal
1:15-1:30 PM	Oral presentation	Elric Jaime Cabote	Faculty of Science	Pandora's Permafrost: Implications Of Paleontology In A Warming North
1:30-1:45 PM	Oral presentation	Amanda Kotila	Earth & Atmospheric Sciences	A coupled glacier mass-balance evolution model for projecting changes in the Albertan Rocky Mountain Glacier runoff
1:45-2:00 PM	Break			
2:00-3:00 PM	Session 3			
2:00-2:15 PM	Oral presentation	Peter Anto Johnson	Medicine	Shedding light on the effects of maternal sunlight exposure during pregnancy on offspring outcomes
2:15-2:30 PM	Oral presentation	John Christy Johnson	Faculty of Medicine and Dentistry	Building a Doomsday Library in the North
2:30-2:45 PM	Oral presentation	Dilrukshi Kaushalya Dias Kombala Liyanage	Agriculture, Food & Nutritional Science	Evaluation of drought-resistance in early-maturity Canadian soybeans to increase food production with the climate change
2:45-3:00 PM	Oral presentation	Peter Thompson	Biological Sciences	Periodic memory and individual variation in a peripheral population of Arctic carnivores
7:00-8:00 PM	Trivia Night			

Schedule: February 12th

Time (MST)	Event	Name	Program	Title
10:00-10:45 AM	Session 1			
10:00-10:15 AM	Oral presentation	Rebecca Frei	Renewable Resources	The influence of peatland disturbance on aquatic export and downstream losses of C, N, and P
10:15-10:30 AM	Oral presentation	Mélanie R. Routh	Renewable Resources	Dynamic patterns in winter ungulate browse succession in the Boreal Plains of Alberta
10:30-10:45 AM	Oral presentation	Patrick Williams	Earth & Atmospheric Sciences	Nutrient and carbon export from a tidewater glacier to the coastal ocean in the Canadian Arctic Archipelago

10:45-11:00 AM	Break			
11:00 AM-12:00 PM	Keynote Speaker	Dr. Aviaja Hauptmann	Multi-disciplinary	Navigating science in the Arctic
12:00-1:00 PM	Lunch Break			
1:00-1:45 PM	Session 2			
1:00-1:15 PM	Oral presentation	A. F. Barlow	Faculty of Native Studies	Risk Retold: A Thematic Analysis of Two Gladue Report Writing Guides
1:15-1:30 PM	Oral presentation	Tina Wasilik	Secondary Education	'Pirurvik' or 'A Place to Grow': An Educational Endeavor
1:30-1:45 PM	Oral presentation	Stenette van den Berg and Jenna Bracken	Anthropology and School of Public Health	Engage North engaged: Establishing community relations during COVID-19
1:45-2:00 PM	Break			
2:00-2:45 PM	Session 3			
2:00-2:15 PM	Oral presentation	Kelsey Schober	Political Science	Rural Resources and Political Power: A Grounded Framework for Understanding Pressures for Oil Extraction in the Northwest Territories and Alaska
2:15-2:30 PM	Oral presentation	Gabriella Wahl	Civil - Environmental Engineering	Analysis of Surface Infiltration through Acid Generating Waste Rock at Faro Mine
2:30-2:45 PM	Oral presentation	Skylar Leili Lipman	Resource Economics & Environmental Sociology	Avenues for Indigenous Influence on Oil Sands Reclamation
2:45-3:00 PM	Closing Remarks			

Thank you to UAlberta North and the Kule Institute for providing generous support for Northern Research Day 2021!



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