

# 2019 Ottawa-Carleton Student Northern Research Symposium

March 15th, 2019

Dunton Tower room 2017, Carleton University

08:15-09:00	Registration		
09:00-09:10	Land Acknowledgement	Barbara Dumont-Hill	Kitigan Zibi Anishinabeg
09:10-09:20	Opening Remarks - William Twardek & Dr. Chris Burn		
09:20-09:50	Keynote presentation - Inuit Self-Determination in Research: Implementing the National Inuit Strategy on Research	Anita Kora	Inuit Tapiriit Kanatami
09:50-10:00	<b>Break</b>		
<b>Oral Presentations Session 1</b>		<b>Ground and Surface Field Measurements in the Arctic</b>	
Chair: William Twardek			
10:00-10:15	Upper mantle structure beneath the diamondiferous Central Slave craton, Canada, from Teleseismic Body Wave Tomography	Clément Estève	University of Ottawa
10:15-10:30	Sm-Nd Isotopic Composition of Mantle-Derived Rocks from the Saglek-Hebron Gneiss Complex, Northern Labrador	Janick Flageole	University of Ottawa
10:30-10:45	A new novel technique for sampling soil $^{12}\text{CO}_2$ as a tracer for hydrocarbon biodegradation in permafrost climates	Lindsay Reynolds	University of Ottawa
10:45-11:00	Frost, fire, and flora: impacts of surface change on discontinuous permafrost near Nain and Postville, Nunatsiavut	Yifeng Wang	University of Ottawa
11:00-11:15	Field and laboratory investigations of electrical resistivity-temperature relationships, Southern NWT	Jean Holloway	University of Ottawa
11:15-11:30	<b>Break</b>		
<b>Oral Presentations Session 2</b>		<b>Indigenous Knowledge and Community Based Research</b>	
Chair: Jacqueline Chapman			
11:30-11:45	People, Plants and Culture in the Southern Canadian Arctic: A systematic review of Indigenous knowledge perceptions, considerations and communications	Lauren Watts	Carleton University
11:45-12:00	On-the-land with communities in the NWT	Stephanie Woodworth	University of Ottawa
12:00-12:15	Potential impacts of sea ice and ship traffic changes on caribou migratory routes surrounding King William Island, Nunavut	Emmelie Paquette	Carleton University
12:15-12:30	Temporal and spatial trends of marine tourism in the Canadian Arctic	Melissa Weber	University of Ottawa
12:30-13:30	<b>Lunch and Poster Presentations</b>		

<b>Oral Presentations Session 3</b>		<b>Assessing Changes in the Arctic Environment Using Satellite Imagery</b>	
Chair: Ada Loewen			
13:30-13:45	Landscape changes in Tombstone Territorial Park (Central Yukon) from Tasseled Cap trend analysis of Landsat stack	Rosanne Frappier	University of Ottawa
13:45-14:00	Small glacier changes over the past 50 years in the Canadian High Arctic	Braden Smeda	University of Ottawa
14:00-14:15	Investigation of grounding line dynamics and thinning of Milne Glacier, Nunavut using in-situ and satellite data	Yulia Antropova	Carleton University
14:15-14:30	Tracing icebergs in Baffin Bay from source to sink	Abigail Dalton	University of Ottawa
14:30-14:45	<b>Break</b>		
<b>Oral Presentations Session 4</b>		<b>Anthropogenic Impacts/Disturbances in the North</b>	
Chair: Emmelie Paquette			
14:45-15:00	Sedimentomics: What is it? And how can it be applied to the Canadian Arctic treeline?	Madison Bell	University of Ottawa
15:00-15:15	Arsenic species in freshwater food webs near large gold mining operations in Yellowknife, NWT	Claudia Tanamal	University of Ottawa
15:15-15:30	Examining the potential impact of increased vessel traffic noise on marine mammals in the proposed Tallurutiup Imanga (Lancaster Sound) National Marine Conservation Area	Zuzanna Kochanowicz	University of Ottawa
15:30-15:45	The implications of climate change for polar bear tourism in Churchill, Canada	Jamie D'Souza	University of Ottawa
15:45-16:00	Country food valuation, securing indigenous food sovereignty in Denedeh NWT	Molly Stollmeyer	Carleton University
16:00-16:10	Photo Exhibition and Last Chance to View Posters		
16:10-16:20	Closing Remarks		
16:20-19:00	Informal Discussion and Beverages at Mike's Place		
<b>Poster Presentations</b>			
	Lu-Hf age of rocks from the Saglek-Hebron Gneiss Complex (Northern Labrador)	Andreane Mitchell-Dupuis	Carleton University
	142Nd study of mantle-derived rocks from the Saglek-Hebron Gneiss Complex	Alexandre Rouleau	University of Ottawa
	Ice wedge activity and biogeochemistry in the Eureka Sound Lowlands, Nunavut, Canada	Kethra Campbell-Heaton	University of Ottawa
	Food security from a local perspective: elder and youth perspectives in Gjoa Haven, Nunavut	Jacqueline Chapman	Carleton University
	Harvest Study: Harvest trip patterns in Gjoa Haven	Jacqueline Chapman	Carleton University
	Exploring the world's longest Chinook Salmon migration in the Upper Yukon River	William Twardek	Carleton University