

**2013 Ottawa-Carleton Student Northern Research Symposium Schedule**  
**March 8<sup>th</sup> 2013 - Senate Room, 608 Robertson Hall, Carleton University**

<b>Morning</b>		
8:30 – 9:05	<i>Registration, snacks and coffee</i>	
9:05 – 9:10	Opening remarks	
9:10 – 9:55	Keynote speaker – Michelle Valberg	
9:55 – 10:15	<i>Coffee break</i>	
<b>Session 1 – Chair: Zoe Panchen</b>		
	<b><i>Title</i></b>	<b><i>Presenter</i></b>
10:15 – 10:30	Considerations in measuring soil moisture remotely	Koreen Millard
10:30 – 10:45	The history of government-assisted housing in Yukon, 1950-2000	Nick Falvo
10:45 – 11:00	Geochemistry and runoff process in Wolf Creek Research Basin, Whitehorse, Yukon	Tianjiao Li
11:00 – 11:15	Dendroclimatic analysis of <i>Pinus banksiana</i> radial growth in Yellowknife, Northwest Territories, Canada	Sarah L. Quann
11:15 – 11:30	Towards a TTOP model of permafrost for the yukon	Alexandre Bevington
11:15 – 11:30	Origins and applied implications of ice-rich clay ridges within the Boundary Creek watershed outside Yellowknife, NWT	Adrian Gaanderse
11:45 – 12:45	<b>Lunch</b>	
<b>Session 2 – Chair: Blair Kennedy</b>		
12:45 – 13:00	At the corner of Inuit Street and Kugluktuk Drive: Tracing time and place through the streets of an arctic hamlet	Erin Cummings
13:00 – 13:15	Cascading ecological impacts of climate change: temporal advances in summer sea ice break-up are correlated with increased depredation of colonial-nesting bird eggs by polar bears	Samuel Iverson
13:15 – 13:30	A comparison of Dwarf Birch ( <i>Betula glandulosa</i> ) photosynthetic capacity among low-arctic tundra habitats	Lee Hawkings
13:30 – 13:45	Multi-decadal differences in ground temperatures and permafrost characteristics along the Alaska Highway Corridor	Max Duguay
13:45 – 14:00	Near-surface permafrost in the alluvial fan at Pauline Cove, Herschel Island	Alexandra Zenskova
14:00 – 14:15	<i>Coffee Break</i>	
<b>Session 3 – Chair: Brendan O’Neill</b>		
14:15 – 14:30	Adaptation to rapid northern resource development: A case study from Pond Inlet, Nunavut	Roger Ritsema
14:30 – 14:45	Parasites and pollution; why both matter in northern marine bird conservation	Jennifer Provencher
14:45 – 15:00	The High Arctic Large Igneous Province: geochemical, isotopic and tectonic significance of the Walker basalts of the Isachsen Formation, Axel Heiberg Island, Nunavut Canada.	Cole G. Kingsbury
15:00 – 15:15	Eastern versus Western Canadian Arctic ice islands: Deterioration modes and sea ice concentrations	Anna Crawford

<b>Session 4 – Posters</b>		
<i>15:15 – 16:30</i>	Poster session and snacks	
	Thaw Slump Initiation & Propagation in the Richardson Mountains, N.W.T., using a Remote Sensing Approach	Alex Brooker
	Spatio-temporal (1986 to 2012) mapping of aufeis in the Richardson Mountains, Northwest Territories and adjacent northern Yukon Territory	Phillippe Brasseur
	How spatially representative are meteorological station data in arctic and alpine environments?	Michelle Chaput
	Lake level fluctuations and its impact on bison habitat: a climate reconstruction of the Fort Providence region, NWT.	Peter deMontigny
<i>15:15 – 16:30</i>	A 40-year record (1970-2010) of air temperature variations reconstructed from stable water isotopes and melt layers measurements from Agassiz Ice Cap, Canadian high Arctic	Brittany Main
	Open Water Leads Along Northern Ellesmere Island, Nunavut, Canada.	Miriam Richer McCallum
	Recent lake expansion and influence on mercury concentration in lake sediments, Mackenzie Bison Sanctuary, Northwest Territories, Canada	Joelle Perreault
	Hydrological and Geochemical Impact of Retrogressive Thaw Slumps on Streams, in the Richardson Mountains, NWT, Canada (a thesis proposal)	Catherine Paquette
<i>16:30</i>	Awards reception and closing remarks	