

2011 Ottawa-Carleton Student Northern Research Symposium

Opening Address & Keynote Presentation (9:00 AM – 10:00 AM)	
Chair: Trevor Porter	
09:00-09:05	Opening address by Dr. Kim Matheson (V.P. Research and International, Carleton University)
09:05-10:00	Keynote presentation by Dr. Peter Harrison (Queen's University) on IPY 'From Knowledge to Action'

Session 1 – Oral Presentations (10:15 AM – 11:45 AM)	
Chair: Bryan Grimwood (n.b., first author is presenter unless stated otherwise)	
10:15-10:30	<i>The Use of DC Resistivity to Investigate Thin Permafrost in the Yukon Corridor</i> Miceli, C., and Lewkowicz, A.G.; Geography, U. Ottawa
10:30-10:45	<i>Methane dynamics in a Low-Arctic Wet-Sedge Fen</i> Vandewint, J.S., and Humphreys, E.; Geography & Environmental Studies, Carleton U.
10:45-11:00	<i>Equilibrium drifts applied to vegetation in a blowing snow model</i> Morse, P., and Burn, C.; Geography & Environmental Studies, Carleton U.
11:00-11:15	<i>Moving towards culturally relevant learning in Nunavut High Schools: Student and educator perspectives on local educational programs in Pangnirtung, NU</i> Sullivan, C., and Laidler, G.; Geography & Environmental Studies, Carleton U.
11:15-11:30	<i>The laminated sediments of Lake DV09, northern Devon Island, Nunavut, Canada</i> Mustaphi, C.C. ¹ , and Gajewski, K. ² ; 1 - Earth Sciences, Carleton U.; 2 - Geography, U. Ottawa
11:30-11:45	<i>Use of dendrochronological methods for dating retrogressive thaw slumps at Midway Lake Plateau, Fort McPherson, N.W.T, Canada</i> Côté, M., and Lauriol, B.; Geography, U. Ottawa

Session 2 – Oral Presentations (12:45 PM – 2:15 PM)	
Chair: Peter Morse (n.b., first author is presenter unless stated otherwise)	
12:45-13:00	<i>June-July temperatures reconstructed from $\delta^{13}C$ in white spruce (<i>Picea glauca</i> [Moench] Voss) tree-rings, Mackenzie Delta, northwestern Canada</i> Porter, T.J. ¹ , Pisaric, M.F.J. ¹ , Kokelj, S.V. ² , and Edwards, T.W.D. ³ ; 1 - Geography & Environmental Studies, Carleton U.; 2 - Renewable Resources and Environment, Indian and Northern Affairs Canada; 3 - Earth and Environmental Sciences, U. Waterloo
13:00-13:15	<i>An assessment of the stability and recent changes of the Milne Ice Shelf, Ellesmere Island, 1950-2009</i> Mortimer, C.A. ¹ , Copland, L. ¹ , and Mueller, D. ² ; 1 - Geography, U. Ottawa; 2 - Geography & Environmental Studies, Carleton U.
13:15-13:30	<i>Talik geometry and permafrost degradation under thermokarst lakes in Old Crow Flats, Y.T.</i> Roy-Léveillé, P., and Burn, C.; Geography & Environmental Studies, Carleton U.
13:30-13:45	<i>Forelimb morphology of a fossil stem pinniped, <i>Puijila darwini</i>, from the Canadian High Arctic</i> Northover, J. ¹ , Rybczynski, N. ² , and Schroder-Adams, C. ¹ ; 1 - Earth Sciences, Carleton U.; 2 - Canadian Museum of Nature
13:45-14:00	<i>Picturing the Thelon River: Geographies of Nature and Responsibility within an Arctic Riverscape</i> Grimwood, B.S.R. ¹ , and Doubleday, N.C. ² ; 1 - Geography & Environmental Studies, Carleton U.; 2 - Philosophy, McMaster U.
14:00-14:15	<i>Changes in near-surface permafrost in Northwest Canada</i> James, M. ¹ , Lewkowicz, A.G. ¹ , and Smith, S.L. ² ; 1 - Geography, U. Ottawa; 2 - Geological Survey of Canada, Natural Resources Canada

Session 3 – Oral Presentations (2:30 PM – 4:00 PM)	
Chair: Pascale Roy-Léveillé (n.b., first author is presenter unless stated otherwise)	
14:30-14:45	<i>The thermal regime of Mackenzie Delta Lakes and Channels</i> Ensom, T. ¹ , Burn, C. ¹ , and Kokelj, S. ² ; 1 - Geography & Environmental Studies, Carleton U.; 2 - Renewable Resources and Environment, Indian and Northern Affairs Canada

2011 Ottawa-Carleton Student Northern Research Symposium

14:45-15:00	Regional Permafrost Probability Modelling in the northwestern Cordillera, 59° - 65°N, Canada Bonnaventure, P.P., and Lewkowicz, A.G.; Geography, U. Ottawa
15:00-15:15	MEDEVAC AND BEYOND: A Review of the Impact of Medevac on Nunavut Residents McKenzie, C.; Social Work, Carleton U.
15:15-15:30	The North American summer Arctic front during 1948 to 2007 Ladd, M., and Gajewski, K.; Geography, U. Ottawa
15:30-15:45	Origins and evolution of the Blachford Lake Intrusive Suite, NWT Mumford, T., and Cousens, B.; Earth Sciences, Carleton U.
15:45-16:00	Modelling Glacier Surface Temperature Using Weather Station Data and Synoptic Weather Conditions Schaffer, N. ¹ , and Marshall, S.J. ² ; 1 - Geography, U. Ottawa; 2 - Geography, U. Calgary

Session 4 – Poster Presentations (4:00 PM – 6:00 PM)	
Chair: Tim Ensom (n.b., first author is presenter unless stated otherwise)	
16:00-18:00	Assessing the potential for mapping Arctic Shoreline Cleanup and Assessment Technique (SCAT) classes using Radarsat-2 quadrature polarized imagery Banks, S. ¹ , King, D.J. ¹ , Merzouki, A. ² , and Duffe, J. ³ ; 1 - Geography & Environmental Studies, Geomatics and Landscape Ecology Laboratory, Carleton U.; 2 - Eastern Cereal and Oilseed Research Centre, Agriculture and Agri-Food Canada; 3 - National Wildlife Research Centre, Environment Canada
16:00-18:00	Characteristics of the 2010 Surge of the Lowell Glacier, Yukon Bevington, A. ¹ , and Copland, L. ² ; 1 - Earth Sciences, U. Ottawa; 2 - Geography, U. Ottawa
16:00-18:00	Carbon and decomposition potential in tundra soils, near Old Crow, Yukon Braul, Z., Humphreys, E., and Roy-Léveillé, P.; Geography & Environmental Studies, Carleton U.
16:00-18:00	Velocity Patterns Across the Kaskawulsh Glacier, Yukon Territory, Canada Darling, S., Copland, L., Gray, L., and VanWychen, W.; Geography, U. Ottawa
16:00-18:00	Effect of permafrost thaw slumps on contaminant concentrations in biota, and on macroinvertebrate communities in lakes near Inuvik, NWT D'onofrio, R.E.; Biology, U. Ottawa
16:00-18:00	Characterizing Biochemical Variability of Arctic Vegetation from Imaging Spectroscopy Kennedy, B.E. ¹ , King, D.J. ¹ , and Jason Duffe, J. ² ; 1 - Geography & Environmental Studies, Geomatics and Landscape Ecology Laboratory, Carleton U.; 2 - National Wildlife Research Centre, Environment Canada
16:00-18:00	Avian cholera emergence in the eastern Canadian Arctic Iverson, S.A. ¹ , Gilchrist, G. ² , and Forbes, M. ¹ ; 1 - Biology, Carleton U.; 2 - National Wildlife Research Centre, Environment Canada
16:00-18:00	Summer melt rates on Penny ice cap, southern Baffin Island: Putting recent decades in a long-term perspective Zdanowicz, C. ¹ , and Snetny-Sowa, A. ² (presenter); 1 - Geological Survey of Canada, Natural Resources Canada; 2 - Earth Sciences, Carleton U.
N.B., abstracts for poster presentations will continue to be accepted until February 25, 2011; as such, this list of posters may change until that time.	