

Tuesday April 21		
5:00 to 8:00 PM	Registration at Pettengill Hill	
5:00 to 7:00 PM	Dinner - Bates College Dining Commons	
7:00 to 9:00 PM	Reception - Bates College Dining Commons	
Wednesday April 22		
7:45 AM	Continental Breakfast in Pettengill lobby	
8:00 to 11:00 AM	Registration in Pettengill Lobby	
9:00 - 9:10 AM	Welcome-Opening Remarks, Introductions and Logistics	
9:30 to 9:50 AM	Quantification of sediment transport during glacier surges: significance for glacier motion Kurt H. Kjær, Anders Schomacker , Niels J. Korsgaard, Ívar Örn Benediktsson, Nicolaj K.Larsen	Talk
9:10 to 9:30 AM	Response of Greenland's largest ice stream to the 8.2 ka event Young, Nicolás E. and Briner, Jason P.	Talk
9:50 to 10:10 AM	Glaciochemical, Geophysical, and Stratigraphic Analyses from Kahiltna Pass, Alaska: A New Candidate Ice Core Site in Denali National Park, Alaska Erich Osterberg , Cameron Wake, Karl Kreutz, Steven Arcone, Eric Kelsey, Seth Campbell, Max Lurie	Talk
10:10 to 10:30 AM	Break	
10:30 to 10:50 AM	Detecting Cryptotephra in the North Atlantic Region from Late Holocene Explosive Volcanism Benjamin Schupack and Gifford Miller	Talk
10:50 to 11:10 AM	Was the classic 'Medieval Warm Period' - 'Little Ice Age' climatic oscillation global? Putnam, A.E. , Schaefer, J.S., Denton, G.H., Kaplan, M.R., Strelin, J., Barrell, D.J.A., Andersen, B.G., Schwartz, R., and Finkel, R.C.	Talk
11:10 to 11:30 AM	Modern Glacimarine Processes of Kronebreen and Kongsvegen Polythermal Tidewater Glaciers, Kongsfjorden, Svalbard Luke D. Trusel, R.M. Cumpston, R.D. Powell & J. Brigham-Grette	Talk
11:30 to 11:50 AM	HOLOCENE PALEOCEANOGRAPHY OF HALL BASIN, NORTHERN NARES STRAIT: PRELIMINARY RESULTS FROM HLY03-05GC Anne Jennings, Christina Sheldon and John Andrews	Talk
11:50 to 1:00 PM	Lunch New Commons Building	
1:20 to 1:40 PM	Climate Change on Svalbard: Evidence from Modern and Fossil Bivalves William G. Ambrose Jr. , Michael L. Carroll, Katie Nolan, Michael Retelle. Michael Greenacre, Kelton McMahon, Haakon Hop, Greg Henkes	Talk
1:40 to 2:00 PM	"Shifts in the $\delta^{13}C$ of <i>Serripes groenlandicus</i> Shell Organic Matter: A Proxy for Intra- and Interannual Changes in Primary Production in the Arctic?" Beverly J. Johnson , Gregory A. Henkes, Dana J. Oster, William G. Ambrose Jr., Michael L. Carroll, Kelton W. McMahon, Haakon Hop	Talk

2:00 to 2:20 PM	New Accounts of Beringia's Steppe-Tundra Biome Using Fossil Foliage: Technique Developments Benjamin V. Gaglioti , Matthew J. Wooller	Talk
2:20 to 2:40 PM	TRACKING ARCTIC DUCKS: EFFECTS OF SATELLITE TRANSMITTERS ON FEMALE COMMON EIDERS, Peter L.F. Fast , Marie Fast, H.Grant Gilchrist, Joël Bêty & Sébastien Descamps	Talk
2:40 to 3:00 PM	Break	
3:00 to 3:20 PM	Sedimentation in a glacier-fed lake: Recent results of the Svalbard REU project, Lake Linne, Svalbard, Norway. A. Werner , S. Roof, M. Retelle and Svalbard REU Project participants	Talk
3:20 to 3:40 PM	Snowfall variability and post-19 th century arctic landscape disturbance from paired varved sedimentary records Jaclyn M.H. Cockburn and Scott F. Lamoureux	Talk
3:40 to 4:00 PM	Seasonal climate reconstructions from East Lake at Cape Bounty (western High Canadian Arctic) using μ -XRF analysis and varve thickness for the last 4.2 ka Cuven S. , Francus, P. and Lamoureux S.L.	Talk
4:00 to 4:20 PM	Post Little Ice Age Environmental Change Documented in Lake Sediments from Kongressvatnet, Svalbard WGM van der Bilt	Talk
4:20 to 4:40 PM	Isolation basin records of Holocene relative sea-level change from the Lofoten Islands, northwestern Norway Nicholas L. Balascio , Zhaohui Zhang, Raymond S. Bradley	Talk
4:40 to 5:00 PM	Late Holocene history of Jakobshavn Isbrae, Greenland: a sedimentary archive of the Little Ice Age, H. Stewart, J. Briner, B. Csatho	
5:00 to 5:20	A Multi-core Study of Laminated Sediments in Cape Hurd Lake, Devon Island, Nunavut, Canada Mike Retelle	
Thursday April 23		
8:30 AM to 9:00	Continental Breakfast in Pettengill lobby	
9:00 to 9:20 AM	Human Responses to Extreme Environmental Processes on Annual and Intra-Annual Times Scales: A Case Study from the Shetland Islands in the Little Ice Age. Gerald Bigelow , Michael Jones, and Michael Retelle	Talk
9:20 to 9:40 AM	Wood, Beetles, and Berries: A Multidisciplinary Investigation of an Inuit Sod House in Labrador, Canada Susan A. Kaplan	Talk
9:40 to 10:00 AM	Robert Peary and the technology of Arctic travel, 1908-1909 Anne Witty	Talk
10:00 10:20 AM	Break	
10:20 to 10:40 AM	Svalbard glacier excursions in the early Holocene? Anthony Novak , Peter Clark, & Shaun Marcott	Talk
10:40 to 11:00 AM	Sediment provenance and weathering in Kongressvatnet, Western Spitsbergen, Svalbard Maya Wei-Haas , Robert Newton, Mike Retelle, and Al Werner	Talk
11:00 to 11:20 AM	A varve-based summer temperature reconstruction from 1635 AD to present using proglacial lake sediments on western Svalbard David P. Pompeani , Mark B. Abbott, Joseph D. Ortiz, Daniel J. Bain, and Sheldon V. Smith	Talk
11:20 to 11:40 AM	Sedimentation in High Arctic Lake, Linnévatnet, Svalbard: A Study of Modern Processes Using Sediment Traps ARNOLD, Megan S. , RETELLE, Michael J., and WERNER, Alan	Talk

11:40 to 12:00 PM	Correlations and Chronology of High Arctic Lakes based on Magnetic Properties Emily Mortazavi , Andrew Cohen, and Joseph Stoner	Talk
12:00 to 12:20 PM	Stable Isotope Investigations of Glacier Ice at Linnebreen, Svalbard Isotope Investigations of Glacier Ice at Linnebreen, Svalard Jesse Burrows	Talk
12:20 to 1:30 PM	Lunch ~ New Commons Building	
1:30 to 4:30 PM	Little Ice Age and Medieval Warm Period influences on a 80-110 year NAO cycle in lake sediments of northwest Iceland, Lisa A. Doner	Poster
1:30 to 4:30 PM	Theory and modeling of a Compton-scattering borehole density probe, Daniel J. Breton	Poster
1:30 to 4:30 PM	TRACKING ARCTIC DUCKS: EFFECTS OF SATELLITE TRANSMITTERS ON FEMALE COMMON EIDERS, Peter L.F. Fast , Marie Fast, H.Grant Gilchrist, Joël Bêty & Sébastien Descamps	Poster
1:30 to 4:30 PM	STABLE ISOTOPE ANALYSES OF FOSSIL CHIRONOMIDS AS A NEW APPROACH FOR INVESTIGATING LATE-QUATERNARY METHANE EMISSIONS FROM LAKES IN BERINGIA Matthew J. Wooller, Ben Gaglioti , Katey Walter	Poster
1:30 to 4:30 PM	Developing abiomarker-based proxy of sea ice extent and duration in the Bering and Chukchi Seas Cecily Sharko , Beth Caissiea, Steven Petscha, Julie Brigham-Grettea, Guillaume Masséb	Poster
1:30 to 4:30 PM	Greater Snow Geese on Ellesmere Island: what is going on after more than 30 years? Lefebvre, J. and Reed A.	Poster
1:30 to 4:30 PM	Relationship Between Snow Stable Isotope Ratios and Elevation, Denali National Park, Alaska Max Lurie , Karl Kreutz, Erich Osterberg, Cameron Wake, Doug Introne, Seth Campbell, Eric Kelsey, Steve Arcone	Poster
1:30 to 4:30 PM	A Holocene lake sediment sequence from a proglacial, threshold lake near Jakobshavn Isbrae, west Greenland, Devin T. Bedard , Heather Stewart, Elizabeth K. Thomas and Jason P. Briner	Poster
1:30 to 4:30 PM	The Marine Rosetta Stone: oceanic moorings help translate clam-growth patterns to ecosystem drivers William Locke , Benjamin Levin, Stuart Ryan, William G. Ambrose Jr., Paul E. Renaud, Finlo Cottier, Jørgen Berge, Michael L. Carroll	Poster
1:30 to 4:30 PM	Geographic variation in growth of the Greenland Smoothcockle (<i>Serripes groenlandicus</i>) around Svalbard: influence of water column properties and regional climate indices. Benjamin Levin , William G. Ambrose Jr., Michael L. Carroll, Paul E. Renaud, Haakon Hop	Poster
1:30 to 4:30 PM	A 3ka record of annually resolved climate and ice sheet activity from glacial lake Hvitarvatn, Iceland, Larsen, Darren J ; Miller, Gifford H. Geirsdóttir, Áslaug	Poster
1:30 to 4:30 PM	Paleo-environment and Thule and Inuit occupation at Dog Island in the North of Labrador, Canada Natasha ROY , Najat BHIRY and James WOOLLETT	Poster
1:30 to 4:30 PM	Paleoenvironmental reconstruction of an Archaeological Arctic site (JpEi-10, Igloo Island, Nunavik, Canada) Najat Bhiry et Dominique Marguerie	Poster
1:30 to 4:30 PM	Tracking Ecological Change from Earliest Human Arrival in Eastern Beringia to the Present: The Quartz Lake-Shaw Creek Flats Multidisciplinary Project David R. Klein , Nancy Bigelow, Mandy Booth, Benjamin Gaglioti, Carol Gelvin-Reymiller, Charles E. Holmes, Kris Hundertmark, Anna Liljedahl, Ben A. Potter, Joshua D. Reuther, Matthew Wooller	Poster
1:30 to 4:30 PM	CIRCUMPOLAR DIATOM DATABASE (CDD): DETECTION OF SPATIO-TEMPORAL CORRELATIONS WITHIN LIMNOLOGICAL AND PALEOLIMNOLOGICAL DATA USING GEOGRAPHICAL INFORMATION SYSTEM (GIS). Martin Sirois and Reinhard Pienitz	Poster

1:30 to 4:30 PM	STABLE ISOTOPE ANALYSES OF FOSSIL CHIRONOMIDS AS A NEW APPROACH FOR INVESTIGATING LATE-QUATERNARY METHANE EMISSIONS FROM LAKES IN BERINGIA Matthew J. Wooller, Ben Gaglioti , Katey Walter	Poster
1:30 to 4:30 PM	Reconnaissance of a Potential Surface to Bedrock Ice Core Drill Site in Denali National Park, Alaska Seth Campbell	Poster
1:30 to 4:30 PM	Paleoceanographic conditions in three Labrador fjord ecosystems (Canada): Preliminary results, Richerol, T. , Pienitz, R. and Rochon, A.	Poster
1:30 to 4:30 PM	IMPACTS OF PRESENT-DAY AND PAST ANIMAL POPULATIONS ON THE NUTRIENT STATUS OF FRESHWATER LAKES ON BYLOT ISLAND, NUNAVUT (CANADA), Ghislain Côté , Reinhard Pienitz, Gilles Gauthier, Derek Muir and Brent Wolfe	Poster
1:30 to 4:30 PM	Interaction between oceanic forcing, climate change, and the West Greenland ice sheet during the mid- to late Holocene, K. Perner , M. Moros, J. Lloyd, I. Snowball, D. McCarthy, A. Jennings, A. Kuijpers, T. Richter, J. Harff	Poster
1:30 to 4:30 PM		Poster
Free Time	Shuttle service available to hotel	
6:00 to 9:00 PM	Reception / Banquet and Keynote Address by Tad Pfeffer from INSTAAR (Institute of Arctic and Alpine Research, University of Colorado). Title of Talk " Getting the answer right: Solving scientific problems on a public policy timetable "	
Friday April 24		
	Breakfast on your own	
9:00 AM	Leave for Excursion	