

Conference Schedule

May 1, 2019 – Wells Conference Center

1:00 PM: COFFEE / TEA / WATER

1:00-1:15 PM: Welcome Address: Introduction by Dan Sandweiss, Professor, Climate Change Institute & Department of Anthropology; Cooperating Professor, School of Earth and Climate Sciences; Director of School of Policy and International Affairs.

SESSION 1

1:15 PM: Virtual Reconstruction of the Ostra Collecting Site, Peru: Phase 1

Emily M. Blackwood

1:27 PM: Impacts of Glacier Surface Melt on Isotope Signal Preservation in Arctic Ice Cores

Erin McConnell

1:39 PM: Multi-Level Governance of Climate Change Adaptation: Exploring Synergies and Barriers to Adaptation Implementation in Samoa

Anna McGinn

1:51 PM: Cosmogenic ^{10}Be Surface Exposure Dating Moraine Chronology of Late-Holocene Climate Fluctuations, Hooker Glacier, Southern Alps, New Zealand

Noel Potter

2:03 PM: Deer Ticks Helped Along by Warming Climate and Deer

Susan Elias

2:15 PM: Contributions from the Archaeological Record: Molluscan Climate Proxies and El Niño-Southern Oscillation (ENSO)

Ani M. St. Amand

2:30-2:50 PM: BREAK WITH REFRESHMENTS

SESSION 2

2:50 PM: Crevasse Initiation and History Within the McMurdo Shear Zone, Antarctica

Lynn Kaluzienski

3:02 PM: Investigating Holocene Southern Hemisphere Westerly Wind System Variability Using a Sub-Annually Resolved South Pole Ice Core (SPICEcore) Dust Record

Aaron Chesler

3:14 PM: Glacial Lake Filling, Draining, and Hazards at Donjek Glacier and River, Yukon, Canada

William Kochitzky

3:26 PM: Understanding the Ecology of Key Diatom Taxa in The *Aulacoseira* Genus in Relation to Climate

Edna Luz Pedraza Garzón

3:38 PM: Annual Variability in a 1,600 Year Ice Core Record from Central Asia

Charles Rodda

3:50 PM: A Holocene Multi-Proxy Lake Sediment Record Of Environmental And Human Changes In Jamaica, West Indies
Mario A. Williams

4:02 PM: Differences in the Effects of Storms on Dissolved Organic Carbon (DOC) in Boreal Lakes During an Early Summer Storm and an Autumn Storm
Kate A. Warner

4:14 PM: Rethinking Ceramic Tempers in Maine: New Insights from the Holmes Point West Site (68-2)
Bonnie D. Newsom

4:26 PM: Hot Squirrels: Temperature, Energetics and the Distribution of Flying Squirrels in Eastern North America
Danielle L. Levesque

SESSION 3 – 4:30 – 5:00 PM: POSTER SESSION / CASH BAR

Not all Endotherms are Homeotherms: the Importance of High-Quality, Accurate Thermoregulatory Datasets
Ana M. Breit

Investigating Changes to Greenland's Peripheral Marine-Terminating Glaciers Through Automated Analysis of Satellite Imagery
Julia Liu

Developing a Long-Term Perspective on the Sensitivity of Lake Trophic State Changes in Maine
Simona M. Lukasik

Investigating Dog Burials for Insights on Human-Canine Interactions in the Maine/Maritime Region: An Archaeological Case Study
Abby Mann

Chronicles from the Mammoth Steppe: A Multi-Proxy Reconstruction of Beringia's Paleoeecology
Alessandro Mereghetti

Interactions Between Local Land-Terminating Glaciers and Ross Sea Ice at and Since the Last Glacial Maximum in the Royal Society Range, Antarctica
Maraina Miles

Millennial-Scale Cycles of the Southern Hemisphere Westerlies through Paleoclimatic Reconstruction of the Falkland Islands
Meghan Spoth

Coupled Model Biases in Sea Surface Temperature (SST) Distribution and Their Impacts on Tropical Cyclone Characteristics
Hunter A. Tubbs

Reconstruction of Koettlitz Glacier, Southern McMurdo Sound, Antarctica During the Last Glacial Maximum and Termination
Tess Walther

A Volcanic Linkage to the Atlantic Multidecadal Oscillation
Sean D. Birkel

5:00-6:00 PM: BUFFET DINNER -- CASH BAR

SESSION 4

DAVE CLAYTON SMITH LECTURE

6:00 PM:

Susan A. Kaplan, Professor of Anthropology and Director, The Peary-MacMillan Arctic Museum and Arctic Studies Center, Bowdoin College (PhD Bryn Mawr College)

The Running of the Ice: Reflections on Robert E. Peary's North Pole Expeditions

May 2, 2019 – Wells Conference Center

9:00 - 9:30 AM: BREAKFAST BUFFET

9:30-9:45 AM: Welcome Address: Introduction by Karl Kreutz, Professor, Climate Change Institute & School of Earth and Climate Sciences.

SESSION 5

9:45 AM: Quantifying the Volume of a Diatom

Joseph Mohan

9:57 AM: Connections Between Iceberg Melt Rates and Glacier Dynamics on the Antarctic Peninsula

Mariama C. Dryak

10:09 AM: Ice core Dating Integration in the Climate Data Workbench

Mark E. Royer

10:21 AM: The Role of Circulation Changes in the North Atlantic in Increasing Summer Precipitation in the Northeastern U.S.

Julia M. Simonson

10:33 AM: A Preliminary Relative Sea-Level Curve for the Pine Island Bay Region, Antarctica

Scott Braddock

10:45 AM: Computational Analysis of Climate-Change Discourse in News and Social Media

Sudarshan S. Chawathe

10:49 AM: Holocene Fluctuations of Ventisquero Marinelli, Cordillera Darwin

Brenda L. Hall

10:53 AM: Mid-Holocene Climate Change Inferred from a South Pole Ice Core

Dominic Winski

10:57 AM: Vegetation Change at the La Brea Tar Pits from 50,000 to 30,000 Years BP

Katherine C. Glover

11:09 AM: Spatial and Temporal Reconstruction of Past Fire and Vegetation Change in the Northwestern Amazon

Britte M. Heijink

INVITED UNIVERSITY OF MAINE ALUMNI LECTURE

11:30 AM:

Seth Campbell, Assistant Professor, Climate Change Institute & School of Earth and Climate Sciences, University of Maine. Director of Academics & Research, Juneau Icefield Research Program (PhD, Earth and Climate Sciences, University of Maine)

New Horizons for the Longest Operating Polar Research and Education Program in North America

12:15 PM: AWARDS -- AWARD PICTURES -- GROUP PHOTO -- PHOTO OF GUEST SPEAKERS

12:30 PM – 1:00PM: BUFFET LUNCH