

AINA NEWS

Northern Science Training Program (NSTP) News

Each year AINA accepts, ranks, and forwards student applications from the University of Calgary to the NSTP, a funding source administered by Polar Knowledge Canada. This year we have forwarded nine applications for funds to offset the costs of northern travel. The students come from a range of disciplines: four from physical geography, three from veterinary medicine, and one each from anthropology and biological science. Proposed fieldwork will take place at various locations in Nunavut, the Northwest Territories, Yukon, and Northern British Columbia. We are pleased with the northern research being conducted at the University of Calgary and look forward to hearing from the students about their fieldwork in the coming year. To learn about the projects funded by the NSTP in the last field season, please view the short presentations given by five successful applicants as part the Arctic Institute of North America Speaker Series at <https://www.youtube.com/watch?v=ae3442WtVmI>.

Discovery of the Nova Zembla!

The Search for the *Nova Zembla* expedition, jointly funded by the Arctic Institute of North America and the Royal Canadian Geographical Society (RCGS), went ahead in August 2018 and succeeded in discovering evidence of the 1902 wreck of the Scottish whaling vessel *Nova Zembla*. Partnering with OneOcean Expeditions, Drs. Michael Moloney and Matthew Ayre joined the *Akademik Sergey Vavilov* on its Northwest Passage and Greenland voyage from Kugaaruk, Nunavut, on 24 August.

Debarking via zodiac from the *Vavilov*, the pair, along with OneOcean employees Ted Irniq and Kelson Rounds-MacPherson, deployed near the suspected wreck site on the east coast of Baffin Island at 6:00 a.m. on 31 August. In the final hours of their seven-hour search window, numerous ship timbers contemporaneous with the *Nova Zembla*, including planking and masts, were identified via drone along the coastline. Directly offshore, anomalies were discovered underwater, including a clearly identifiable anchor. The finds are consistent with historical accounts from the rescued crew members. Arrangements are currently being made to return, with the assistance of the RCGS and OneOcean, to conduct a full survey of this newly discovered site, and a SSHRC proposal to further investigate the site through excavation is also being prepared.

AINA Northern Seas Project Shortlisted for Award

An outreach initiative from the SSHRC-funded Northern Seas project has been shortlisted for the Governor General's History Award for Excellence in Teaching. Dr. Matthew Ayre, working with teacher Mr. Warren Lake at

Robert Thirsk High School in Calgary, recruited a class of Grade 10 students to assist in his historical climate research. Students helped to transcribe 19th-century logbooks of British Arctic whalers, contributing more than 100 days of previously unknown historical environmental observations.

Soper's World: A Journey into the Canadian Arctic through Art

Congratulations to Dr. Maribeth Murray, Dr. Steve Liang, Dr. Michael Moloney, and Ms. Shannon Christoffersen on receiving an Academic Research and University Libraries: Creating a New Model for Collaboration sub-grant award, funded by the Andrew W. Mellon Foundation, from the University of Calgary Libraries. The award will fund the digitization of the J. Dewey Soper artworks in the Arctic Institute of North America collection, as well as an educational ArcGIS Story Map that will provide a visual journey through Soper's work in the Canadian North.

NCP Publications Database

The Northern Contaminants Program's NCP Publications Database (www.aina.ucalgary.ca/ncp) has grown significantly in the past year. It now contains more than 3900 publications from the Northern Contaminants Program. These records include, but are not limited to, NCP Secretariat Publications, AMAP and CACAR reports, books, journal articles, theses, and posters. Many of the items found in this growing repository of NCP publications are not otherwise available online. ASTIS is pleased to work with the Northern Contaminants Program to provide this searchable archive of their publications.

AINA PhD Students Initiate Collaborative Exchange Between Inuit and U of C Ethics Board

From 14 to 16 November 2018, four residents of Pond Inlet, Nunavut, Shelly Elverum, Ena Maktar, Alexandra Anaviapik, and Michael Milton, visited the University of Calgary to begin work on what it means to conduct ethical research in Inuit communities. They were joined by Eric Solomon, director of Arctic programs for the Vancouver Aquarium, who has been working with northern communities for several years. These five have a tremendous amount of experience working with southern researchers through their Ikaarvik Group, which aims to help youth bridge the gap between Western science and Inuit *Qaujimaqatuqangit* (Indigenous Knowledge). This event was organized and facilitated by Kent Spiers, a PhD candidate in the Department of Anthropology and Archeology, and Vinay Rajdev, a PhD student in the Department of Geography, both working through the Arctic Institute of North America.

During their three days at the University of Calgary, the participants met one-on-one with Dr. John Ellard, the



Ikaarivik meeting participants. Standing from left: Eric Solomon, Kent Spiers, Shelly Elverum and Alexandra Anaviapik. Seated from left: Ena Maktar, Michael Milton and Vinay Rajdev.

Chair of the Conjoint Faculties Research Ethics Board, as well as several other members of the board, to discuss the university's process for granting ethics permission for research in Inuit communities, the challenges to conducting research in the High Arctic, and ideas for tailoring an ethics review process to better reflect Inuit and their community values. They also held a panel discussion with several graduate students and faculty members to share their experiences working with southern researchers. They stressed their hope that researchers from all disciplines will start including community members in the research process in more meaningful and engaging ways. Planning has begun for a follow-up visit to the community of Pond Inlet in the future with the aim of developing a code of ethical conduct.

Undergraduate Student Volunteers Join AINA

We are pleased to welcome two undergraduate student volunteers, Anne-Marie Pearce and Jacob Huffman, to the Institute. Anne-Marie is a history and earth science student who is working on the Northern Seas project with Dr. Matt Ayre. She is transcribing some of the large collection of whaling logbooks that have been assembled and digitized as part of the project. The information she is gathering will be used to trace summer sea ice conditions during whaling excursions in the Eastern Arctic from 1809 to 1911. Ice and weather conditions recorded during these trips will aid in reconstructing historical climate in the region. Jacob Huffman is a fine arts student who is helping to catalogue the Institute's large collection of northern art and artefacts. Jacob will compile a detailed description of the pieces and



Anne-Marie Pearce



Jacob Huffman

attempt to trace them back to the artists who made them and the regions of the Arctic from which they came. Plans are being made to photograph and present portions of the collection in the near future.