

AINA NEWS

Update from KLRS

At the Kluane Lake Research Station (KLRS), 2017 was a busy year of upgrades and improvements to bring the station into alignment with the policies and practices of our home institution, the Arctic Institute of North America, University of Calgary. These improvements included fire-smarting, bringing the kitchen up to commercial code, distribution of safety equipment, and refurbishment of all stoves and chimneys to meet safety codes. Oil-drip and propane stoves have been replaced with wood stoves using locally sourced wood, in pursuit of our goal to wean the station off fossil fuels. Two new high-speed satellite dishes were added to double the Wi-Fi capability, and new solar and battery systems were installed to support year-round Internet and phone availability.

AINA has continued to meet its research and education mandate through KLRS, hosting a rich array of station users in summer 2017. We were successful in securing funding for 2017–19 from the Natural Sciences and Engineering Research Council of Canada under the Operations and Maintenance Support program. Highlights from the summer research and education programs include hosting a large group from the University of Exeter (the first international university field school at KLRS) and an exceptional Artist in Residence (Cedra Wood), research visits from the Universities of Turku (Finland) and Copenhagen (Denmark) through the INTERACT transnational access program, and hosting a BioBlitz Canada event in June.

KLRS has now been formally approved as a CryoNet station within the World Meteorological Organization (WMO) Global Cryosphere Watch (GCW) initiative. We join Eureka, Nunavut, as the second Canadian GCW site. We were awarded funds from Polar Knowledge Canada (2017–19) to support the GCW implementation at KLRS, in partnership with Simon Fraser University, the University of Ottawa, and Yukon College/Yukon Research Centre. The KLRS weather station was upgraded with the addition of a four-component radiometer and satellite data transmission. A Geonor precipitation gauge will be installed in spring 2018. As one of only two pilot sites in the world, KLRS was selected by the WMO to test GCW practices for North American sites.

Please get in touch with us at KLRS@ucalgary.ca with any requests or suggestions for next season. Check online at arctic.ucalgary.ca for updates and at <http://arctic.ucalgary.ca/make-klrs-reservation> to book your stay.

2018 Scholarship Winners

Laurissa Christie, a Master of Science student in Biological Sciences at the University of Windsor, is the 2018 recipient of the Jennifer Robinson Memorial Scholarship. Laurissa's research is aimed at increasing our understanding of the deep-water Arctic ecosystem by investigating the ecological niches of key species across a strong latitudinal gradient. Her study will be conducted on Baffin Island at three sites that experience different sea ice timing and extent.

Angel (Anqi) Chen, a Master of Science student in the School of Environmental Studies at the University of Victoria, is the 2018 recipient of the Lorraine Allison Scholarship. Anqi will use remote sensing methods, as well as field surveys on the ground and from unmanned aerial vehicles to track the post-fire recovery of tundra vegetation in the Tuktoyaktuk Coastlands, Northwest Territories.

Shannon Christoffersen Receives Digital Archives Specialist Certification

The Arctic Institute of North America staff and board would like to congratulate Shannon Christoffersen, AINA's Manager of Data and Information Services, on achieving her Digital Archives Specialist certification through the Society of American Archivists.

The ArcticNet Publications Database

The ArcticNet Publications Database (www.aina.ucalgary.ca/arcticnet) now describes more than 3800 publications from ArcticNet, 351 publications from the Canadian Arctic Shelf Exchange Study (CASES), and 209 publications from the International North Water Polynya Study (NOW). There are currently 4200 publications in this database including 2700 refereed publications and 600 student theses. The Arctic Institute of North America is pleased to work with ArcticNet to provide this searchable archive of ArcticNet's refereed and non-refereed scientific publications.