

# Logistics and Administration

## *Quarterly Report*



Figure 1- Photo taken by William Hurst.

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## Logistics at the Western Arctic Research Centre

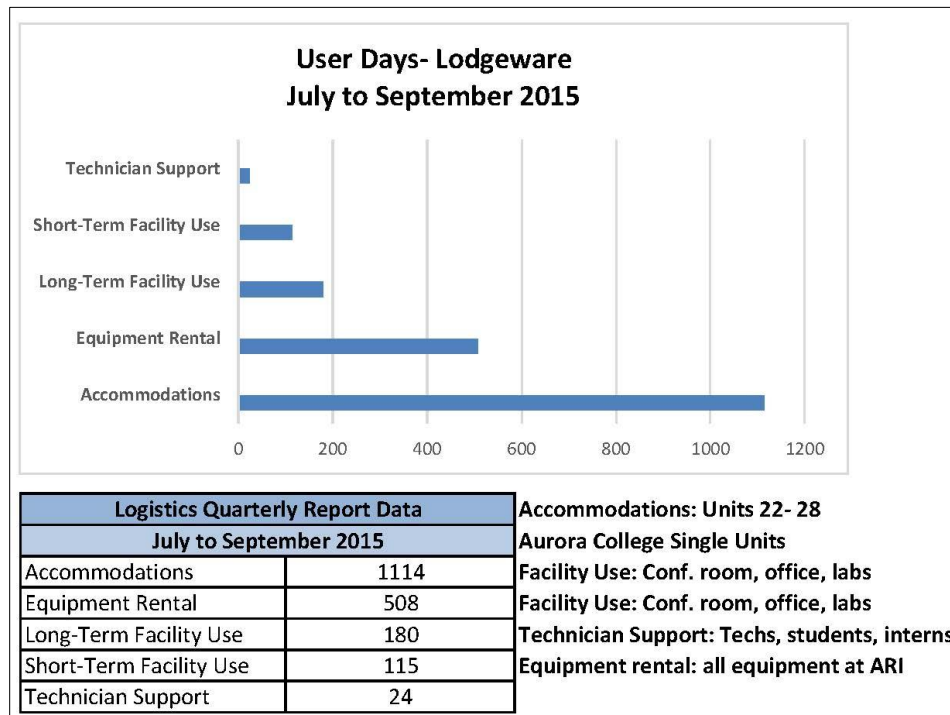
WARC provides a wide range of support to researchers on an annual basis, as well as to aboriginal groups and organizations, businesses, government departments, high schools, and the Aurora College. WARC also provides support to other communities in the Beaufort Delta region.

WARC provides affordable accommodation to researchers. Rates include daily, weekly and monthly fees and vary depending on whether the user is a Student, Canadian, or Non-Canadian. Each house includes a full kitchen, bath, laundry services, a living room and six beds. Other features include basic cable television, wireless internet, and a front deck with a barbeque. At our facility, we have a shared research office space, with up to 10 individual desk spaces, three labs (a Clean Lab, a Teaching Lab and a Wet Lab), a classroom, and two meeting spaces, the conference room and the meeting room.

We have a large selection of equipment that is also provided on an annual basis. Big items include a boat with or without a motor, snow machines, and toboggans. Smaller items include camping equipment, cold weather gear, ice augers, and frost depth throbs. A detailed list of the support that we provide can be found on our website at <http://nwtresearch.com/logistics/fee-schedule>.

## User Days of Support

Below is a graph and table that records the number of user days for equipment, Technician Support, facility use (i.e., conference room, meeting room, classroom), long-term users (i.e., leases and logistical support), short-term facility (i.e., lab space), and accommodations.



## **Activities of Note**

### *ARI Tours- Hailey Verbonac*

Summer student Hailey Verbonac led a weekly tour Thursdays at 3 p.m. The tour are approximately 30 minutes long and covers everything from Cosmic Ray room to the loading bay.

### *Arctic Snapshots*

On July 19th, 2015, WARC participated in a webinar with the Khibiny Educational and Scientific Station, located in the Murmansk region of Russia, and the Abisko Scientific Research Station, located in Abisko, Sweden. A handful of researchers from each of the three field stations gave a brief presentation on their work, all of which were streaming at each location. This webinar was part of a larger initiative by the Association for Polar Early Career Scientists (APECS) called Arctic Snapshots. The main objectives of the Arctic Snapshots are: (i) for scientists to share their research; (ii) to promote increased networking between young and senior scientists (and potential future educational opportunities or research collaborations); and (iii) for participants to gain experience presenting their research.

### *Elder Hostel Tour*

Alana Mero led a tour, along with Hailey Verbonac, of the research facility. There were a total of twenty participants in attendance.

### *Memorial for JR Mackay*

On July 30, 2015 a memorial was held for Dr. Ross Mackay. Speakers for the memorial were: Scott Dallimore, Jolie Gareis, Rosemary Kirby, Fred Carmichael, Douglas Esagok, Steve Kokelj, Christopher Burn, and remarks from Pippa Seccombe-Hett. Letters written by the UBC Department of Geography, Mike Church, Anne Mackay, and John Stager were read on their behalf. A display was created with items that belonged or were connected to Dr. Mackay. This included his two books, his parka and an early paper of his. The memorial was followed by a barbeque held outside ARI.



**Figure 2- Douglas Esagok speaking at JR Mackay Memorial.**

### *Kivuni Summer Day Camp*

Summer student Hailey Verbonac coordinated a tour, a science experiment and game for children ages 5 to 12 from Kivuni Summer Day Camps. Approximately 30 children participated each day. Camp Kivuni came July 24-26<sup>th</sup>, every afternoon from 1:30 to 2:30. A different age group came each day. The camp members were able to tour the ARI building, speak with researchers and perform simple experiments. Experiments included creating a density column and mixing different ratios of cornstarch and water.



**Figure 3- Hailey Verbonac, Summer Student with Camp Kivuni children.**

### *Robotics Demonstration*

In August, ARI presented a series of robotics and electronic sensor experiments to teachers from all Beaufort Delta communities, as a possible addition to their science curriculum. The presentation was well received and ARI has seven kits prepared for the Beaufort Delta Education Council to ship to interested educators.





Figure 4- Robotics Demonstration

### *Robotics Club*

Robotics club kicked off its' fourth year in September, with twenty-two students signing up initially. This year we have girls and boys from grades 6 to 12. We will cover many topics, including Lego robotics, 3D printing, bridge building, single board computers, computer maintenance, and programming.

### **General Logistics Support**

July to September is typically our busiest time of year. We supported approximately 48 different researchers/user groups during this time period. In August, we reserved 10 rooms from the College to accommodate all requests.

The following table is a breakdown of the support we provided:

General Logistics Support  
1 July to September 30, 2015

	Principal Researcher	Affiliation	ARI Support
1	Dustin Whalen	Natural Resources Canada	Equipment
2	Scott Lamoureux	Queen's University	Accommodations
3	Cindy Wood	Environment Canada	Accommodations
4	Roger Francois	University of British Columbia	Accommodations
5	Chris Burn	Carleton University	Equipment, accommodations, tech support
6	Michael Pizaric	Brock University	Accommodations, equipment
7	Oliver Sonnentag	University de Montreal	Accommodations, equipment
8	Louie Porta	Oceans North Canada	Accommodations, equipment
9	Nadele Flynn	Environment Yukon	Accommodations, equipment
10	Lance Lesack	Simon Fraser University	Accommodations
11	Marcus Phillips	Carleton University	Labs, equipment, accommodations
12	Steve Kokelj	NWT Geological Survey	Equipment, accommodations
13	Bernard Hofle	Heidelberg University	Equipment, accommodations
14	Meagan Grabowski	University of British Columbia	Accommodations
15	Caroline Duchesne	Geological Survey of Canada	Teaching Lab
16	Yu Zhang	Canada Centre for Remote Sensing	Equipment
17	Andrea Czarnecki	Environment Canada	Teaching Lab
18	Lisa Loseto	Department of Fisheries and Oceans	Equipment
19	Shawne Kokelj	Environment Canada	Equipment, technician support
20	Kim Howland	Department of Fisheries and Oceans	Accommodations
21	Benjamin Kissinger	Department of Fisheries and Oceans	Accommodations
22	Sheena Adams	Arctic Energy Alliance	Conference Room
23	Bright Lubansa	Inuvik Chamber of Commerce	Conference Room
24	Stephanie Waterman	University of British Columbia	Accommodations
25	Evan Wilcox	Wilfrid Laurier	Accommodations
26	Brendan O'Neill	Carleton University	Accommodations, labs, equipment
27	Philip Marsh	Wilfrid Laurier University	Accommodations, equipment
28	Fred Wrona	University of Victoria	Labs, technicians
29	Jennifer Baltzer	Wilfrid Laurier University	Accommodations
30	Gerald Enns	Environment Canada	Accommodations
31	Laurie Chan	University of Ottawa	Accommodations
32	Colin Gallagher	Department of Fisheries and Oceans	Accommodations
33	Philip Marsh	Wilfrid Laurier	Accommodations, equipment
34	Stu Niven	GNWT- Transportation	Wet Lab
35	Dustin Whalen	Natural Resources Canada	Accommodations, lab, equipment
36	Isla Myers-Smith	University of Edinburgh	Accommodations, labs, equipment
37	Beth Orcutt	Bigelow Laboratory for Ocean Sciences	Tech support, equipment, labs, accomm
38	Scott Dallimore	Geological Survey of Canada	Accommodations
39	Hugues Lantuit	Alfred Wegener Institute	Accommodations, lab, equipment
40	Suzanne Tank	University of Alberta	Lab, equipment, accommodations
41	Trevor Lantz	University of Victoria	Accommodations, lab, equipment
42	Jan Adamczewski	Environment Canada	Accommodations
43	Phil Wookey	Heriot-Watt University	Accommodations, equipment
44	Max Friesen	University of Toronto	Accommodations, equipment
45	Lisa Hodgetts	University of Western Ontario	Accommodations
46	Denis Lacelle	University of Ottawa	Accommodations, lab
47	Roberto Quinlan	York University	Accommodations, equipment, labs
48	Lisa Loseto	Department of Fisheries and Oceans	Equipment