

Logistics and Administration

Quarterly Report



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Logistics at the Western Arctic Research Centre

WARC provides a wide range of support to researchers on an annual basis. In addition to researchers, WARC provides support to aboriginal groups and organizations, businesses, government departments, high schools, and the Aurora College.

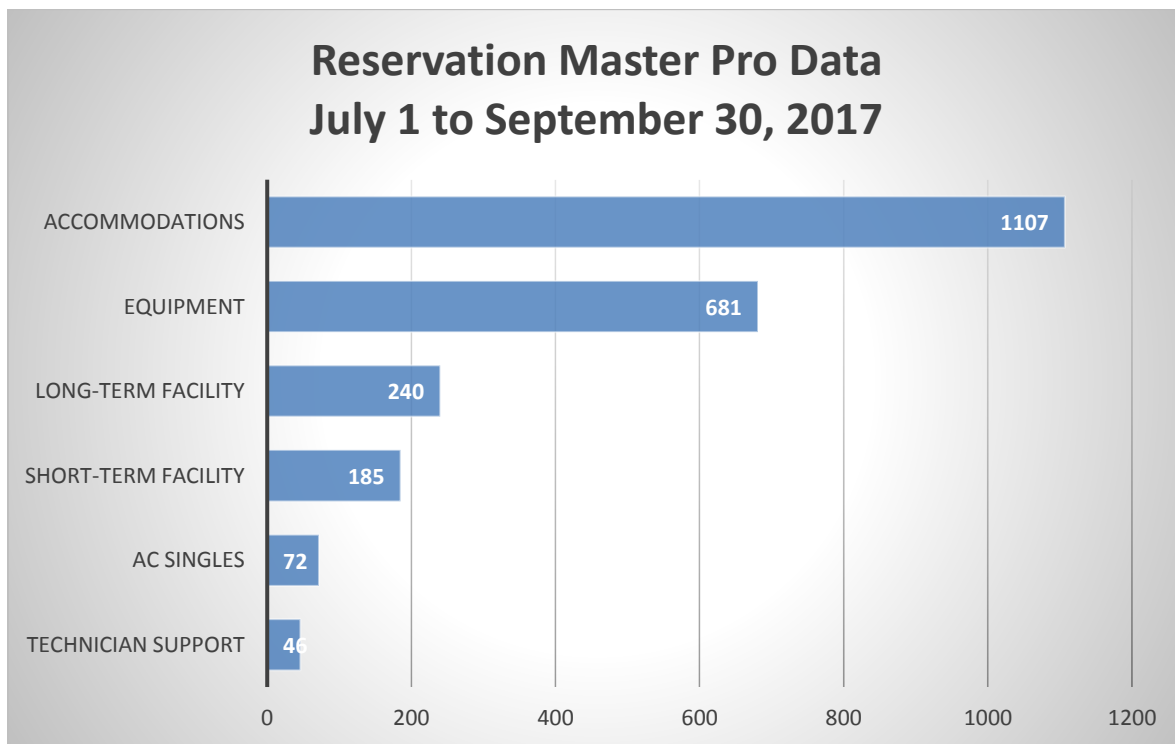
WARC has four row house units that provide affordable accommodation for up to 24 researchers. Rates include daily, weekly and monthly fees that vary depending on whether the user is a Student, Canadian, or Non-Canadian. Each house includes a full kitchen, bath, laundry services, a living room, and six beds. Other features include basic cable television, wireless internet, and a front deck with a barbeque.

The main facility includes 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, two meeting spaces, the conference room, and a small meeting room.

WARC has 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 probes. 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 (conference room, meeting room, classroom), long-term users (leases and logistical support), short-term facility (lab space), and accommodations.



Activities of Note

Tours

There were 14 tours this quarter. Some of the tours coincided with Events being held at the Research Centre, including Bioblitz Canada 150, the Gwich'in Youth Matter Conference, and the promotion of the educational garden.

A total of 155 people attended.

Educational Outreach

There were a total of 23 educational outreach activities between July and September, 2017. A total of 6 organizations and 306 children and youth participated. The groups that participated include: Children First Society, Camp Kivuni, the Inuvik Community Greenhouse, Beaufort Delta Education Council, East Three Elementary School, and the Inuvik Centennial Library. Some of the activities included: making fidget spinners, 3D printer setup, popsicle stick construction and slime. See below for a few highlights.

Bioblitz Canada 150

Six organizations participated in the Bioblitz event, held at WARC on July 30, 2017. After a short prayer/intro, participants headed from the Research Centre to Boot Lake to collect specimens from different ecological habitats. After the collection, everyone met at ARI to analyze and identify samples.



Film Night

WARC held a screening of *The Dogrib Caribou Skin Lodge* on August 10th, 2017. For more information on the film, see the poster below.



The poster is for a film night event. At the top left is the Aurora Research Institute logo, which includes a stylized figure and the text 'AURORA RESEARCH INSTITUTE' and 'AURORA COLLEGE'. Below this is the Prince of Wales Northern Heritage Centre logo. The main text reads 'FILM NIGHT' in large blue letters, followed by 'Thursday, August 10th' and '7 pm at ARI'. The title of the film, 'The Dogrib Caribou Skin Lodge', is prominently displayed in a large, bold, blue font. There are three photographs: one showing a person working on a large piece of animal skin, another showing a traditional conical skin lodge in a wooded area, and a third showing a person in a blue jacket handling a large piece of white material. A paragraph of text describes the film's content, and a footer provides contact information for more details.

AURORA RESEARCH INSTITUTE
AURORA COLLEGE

FILM NIGHT
Thursday, August 10th
7 pm at ARI

The Dogrib Caribou Skin Lodge

Join us for a short documentary. At the beginning of the 20th century, hundreds of caribou skin lodges were in use by the Tłı̄chǫ people of Northern Canada. In 1997 the only known example was at a museum in Iowa City. The Caribou Skin Lodge Project began in 1997 when the University of Iowa Museum of Natural History returned a 104-year-old Dogrib caribou skin lodge to the Northwest Territories.

For more information visit our website <http://nwtresearch.com>, ARI's Facebook Page or contact Catarina Owen at 777-3298 ext. 207

Camp Kivuni

On July 25, 2017, children from Camp Kivuni came to WARC. Catarina Owen (Communications and Outreach Coordinator, Aurora Research Institute) facilitated a number of activities, including a discussion on careers in engineering, popsicle stick construction, and making fidget spinners.



Summer Speaker Series

Every second Friday during the summer, WARC puts on 2 to 5 research presentations. Below, is a list of the speakers that presented between July and September 2017:

No.	Date	Affiliation	Title	# of Participants
1	07/07/17	UBC	Greenhouse Gas Exchange in the Outer Mackenzie Delta	20
2	07/21/17	University of Guelph	Examining the Vulnerability of an Inuit Food System to Climate Change in the Context of Climatic and Non-Climatic Stressors	40
3	07/21/17	WLU	Assessing Climate Change Vulnerability of Mackenzie Region Tundra Lakes	40
4	07/21/17	NRCAN	Monitoring permafrost conditions in the Mackenzie Valley	40
5	07/21/17	DFO/U of Manitoba	To be or not to be an indicator, that is the question	40
6	07/21/17	SFU	Improving our understanding of microbial carbon processing in Arctic delta lakes	40
7	08/04/17	University of Alberta	Inorganic Carbon Dynamics in Streams Across Diverse Permafrost Landscapes	24
8	08/04/17	University of Alberta	Degradation of Permafrost-Carbon From Thaw Slumps	24

No.	Date	Affiliation	Title	# of Participants
9	08/04/17	Parks Canada	An Investigation into the Impacts of Permafrost Slumping on the Thomsen River Watershed in Aulavik National Park	24
10	08/18/17	University of Alberta	MOBILIZATION AND BIODEGRADABILITY OF PARTICULATE ORGANIC CARBON FROM PERMAFROST THAW SLUMPS	35
11	08/18/17	WLU	How will fish in Gwich'in and Inuvialuit Lakes Respond to Climate Change?	35
12	08/18/17	DFO	Marine Protected Areas (MPAs) from Research to Management and Monitoring	35

General Logistics Support

49 Logistical Support Request Forms were sent in from user groups, including: 37 requests for accommodations, 11 requests for facility space (laboratory, research office and conference room), 20 requests for equipment (boat with motor, boat, fire arm, satellite phone, etc.) and 5 other requests such as Technician Support, summer student support, airport pick-up/drop-off and access to ARI fridge/freezer and storage space.