Barrow Science
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Polar Field Services
Overall CPS Alaska 2011

- Of 157 CPS-supported projects, 83 in Alaska (53%)
- Of 83 projects in Alaska, 33 in Barrow area (40%)
- Of 83 projects in Alaska, 33 in Toolik area (40%)
Barrow as a Research Hub

• NARL has capacity for 32 NSF researchers (64 NSF + non-NSF projects)

• Researchers in Barrow year-round

• Three ‘peaks’ in researchers using Barrow as base of operations
  • January
  • Mid-March – mid April
  • Late May – end of August

• Large range of research disciplines
  • Tundra (terrestrial & aquatic)
  • near-shore
  • off-shore
  • sea ice
  • social science
BARROW LAB FACILITIES
BARC Lab Facilities

• High Speed Internet*
• Snorkel Hoods
• Refrigerators/Freezers
  • Household fridge & freezer in each lab
  • 3 walk-in fridge/freezers
  • -80 freezer
• DI Water
• Fume Hoods
• Drying Oven
• Double & Single Basin Sinks
• Autoclave
• 120 V and 220 V Outlets
• Muffle furnace
• Pass throughs for cabled instrumentation on the roof
• Rad Lab**
Equipment Available

- Trucks
- Snowmachines + Sleds
- ATVs + Trailers
- Boats & Outboards
  - Zodiacs
  - 16’ Aluminum John Boat
- VHF & UHF Radios
- Generators
- Augers
- Workshop with tools
- Safety gear (pfds, cold weather gear, etc.)
Services Available

• Bear Guards
• Permitting
• Airport Pick up and Drop Off
• Shipping and Receiving
• Facilitate Meetings with Community
• Temporary Labor
• Liaison work with native communities

2012 Toolik Science Vision Workshop
Services Available

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BARROW CHALLENGES
Challenges

• Competing with community and industry for resources
• Not on the road system
• Access to airstrip regulated by the TSA
• Operating within a large Alaska community
  • Need to be very sensitive to local culture
  • Potential for theft or vandalism at sites
• Endangered species
• Theft
• Few recreational opportunities for students
• Rustic living conditions
• **Nothing is free**
Barrow & North Slope villages Bookings -
CPS/UMIAQ supported researchers only

This form should be used for:
- NSF funded researchers supported by CPS
- Non-NSF funded projects directly supported by UMIAQ

Please submit 1 reservation per person for each new trip you plan to take.
Exception - Frequent trips to/from Aqausuk: please make one overall reservation for Barrow and indicate your expected dates in Aqausuk in the ‘Special requests/comments/Aqausuk dates’ box.

NSF Researchers working in Barrow will be housed in multi-bedroom huts on the NARL campus. PIs and co-
Pis will stay at the NARL Ukupik Nest hotel if rooms are available. For more information about available
housing, please visit our Barrow website: http://www.polarfield.com/barrow/

UMIAQ supported researchers will be staying in a hut at NARL or in an apartment in town.

The existing reservations and reservation numbers can be viewed at (but cannot be edited):
http://spreadsheets.google.com/pub?key=p71JH6otrtQgAXRas-9eRQ. You will be able to use to modify/cancel
your existing reservation using your reservation number (by filling in the form:
https://spreadsheets.google.com/viewform?docid=0AedU2Z4hN3I5t16mZ56YQ0n5l13t1IUEJ6MA).

If you have problems either entering data, or viewing reservations page, please contact:
faustine@polarfield.com

Important: Your reservations must be entered using this form as early as possible before your trip to Barrow. You
will NOT receive a confirmation email. Your reservation is automatically submitted once you press submit at the end of the form.

Non-CPS or UMIAQ supported projects should not use this form. Please contact faustine@polarfield.com for
more details.

* Required

What would you like to do? *

Select one of the below choices
- New Reservation for Barrow only
- New Reservation for Barrow/Aqausuk
- New reservation for other villages
- Modify Reservation
- Cancel Reservation

Res. #

If modifying/canceling an existing reservation, enter the reservation # you wish to change. A reservation # will be
assigned to each new reservation within 24 hours. See http://spreadsheets.google.com/pub?key=p71JH6otrtQgAXRas-9eRQ.
Welcome to the Barrow Bulletin

Thank you for your interest in happenings with science support in Barrow. We have created this forum as an outlet for news items, program updates, and an introduction to our support model including the staff and their organizations.

You can click on any of the Categories on the right to see postings related to each topic, or click on a Page to see information that doesn't change very often. The latest posts are available in reverse chronological order under the Archives. Clicking Home in the title bar will navigate you back to this page. Wherever you are within the Barrow Bulletin you can submit comments or questions which will be considered for future postings or updates. And finally, you can modify your profile at any time by clicking on Site Admin.

Welcome to Barrow!
Important & Interesting Websites

• Barrow Registration
  – https://spreadsheets.google.com/viewform?hl=en&formkey=cDcxU2ZhNml0d
  y1mZ0FYQnNhLTliULcE6MA

• Barrow Blog
  – http://www.polarfield.com/barrow/

• Barrow Proposal Assistance
  – Email CPS Alaska Science Planner naomi@polarfield.com