

Please review the following information to ensure accuracy. When finalized, this plan will be an agreement between CH2M HILL Polar Services (CPS), and your group, documenting the logistics support you will receive.

PROJECT INFORMATION

Lead Principal Investigator	Noah Ashley
Institute	University of Alaska, Anchorage, Department of Wildlife Management
Project Title / Grant #	PostDoctoral Research Fellowship (0817635)
NSF Program and Manager	US\Federal\NSF\OD\OPP\ANT\PD, Dr. Roberta L. Marinelli
PFS Project Manager	Steve Hastings

LOGISTICS SUMMARY

During two seasons of fieldwork at Barrow, Alaska, the PI will study circadian rhythms of the Lapland Longspur. The work will include field and laboratory components to examine both natural variation in circadian function in free-living Lapland Longspurs that breed at high latitude, and to understand the molecular patterns of gene expression that regulate polar-based circadian oscillators.

In July and August of 2009, the researcher will visit Barrow. Working with local high school students hired as field assistants, the PI will conduct field observations. The team also will capture some subjects for further studies in the laboratory. The team will use four-wheelers to access area field sites and conduct on-site lab studies at Ilisagvik College. In 2010, fieldwork will take place from May to July and the PI will conduct lab studies at the Barrow Arctic Research Center. Prior to shipment, samples will be stored in the Barrow Arctic Research Center.

CPS is working with BTS Professional Services (BTSPS) and other local organizations to provide Barrow infrastructure support, including lodging, meals, lab space, equipment, vehicles, and safety gear. BTSPS has engaged the Barrow Arctic Science Consortium (BASC) to provide on-the-ground support in Barrow.

For the complete CPS online project record for this grant, including science objectives, go to:
http://www.polar.ch2m.com/arlss_reports/arlss_projectsdetail.asp?cbPropNum=0817635

OUTSTANDING ACTIONS AND NOTES

Issue	Responsibility	Date Completed / Comment
Review and confirm approved NSF scope	PI	
Visit all hyperlinks and review all documents referred to in the support plan	Field Team Members	
Apply for all necessary permits for fieldwork	PI	In process
Contact all appropriate local/community organizations	PI	In process
Make housing reservation and select meal plan at least 3 weeks prior to desired arrival date	Field Team Members	PI reservations are complete
Identify project POC for planning process & for field deployments	PI	Complete - Ashley
Identify any hazardous materials by completing the form found at the following link: http://www.arcticsscience.org/images/cheminvblank.xls	PI	
Note: Researchers should plan to bring phone cards to pay for long distance service in Barrow.	Field Team Members	Note

Note: Cafeteria prices are increasing from \$47 to \$53 per day on July 1. Hence, daily reimbursements for those researchers who have selected the pay up front flex plan will also increase to \$53/day from July 1 forward.	Field Team Members	Note
Move large aviary (600lb) from NAC to outside building 60. If necessary, help PI assemble and move into lab	BTS	Aviary now outside building 60

APPROXIMATE FIELD DATES

For the most up to date info for upcoming work, see the online reservations sheet.

Trip	Dates	POC
Summer 2009	7/01/09 – 8/31/09	Ashley

ALLOCATIONS AND SERVICES

The below tables describe the NSF-approved support scope for your project. Your support will be managed to the allocation levels described in the column labeled (“QTY”). Requests to exceed this scope will require NSF approval. The 2009 Scope Management Policy is available here:

<http://www.arcticscience.org/pdf/BarrowScopePolicy.pdf>

Barrow Housing & Meals

Support	Description	Unit	QTY	Request	Comment
Meals only	PI – full meals	days	60		PI does not require lodging support.
Meals only	Students – lunches only	Days	120		Students are local – no lodging required.

All team members should familiarize themselves with the 2009 Housing / Reservations Policy and the 2009 Meals policy at their earliest convenience. The complete policies can be found online at:

- <http://www.arcticscience.org/pdf/barrowreservationhousingpolicy.pdf>
- <http://www.arcticscience.org/pdf/barrowmealpolicy.pdf>

Make housing reservations and select a meal plan at least 3 weeks prior to your arrival date. The reservations form is available here:

<http://spreadsheets.google.com/viewform?hl=en&formkey=cDcxU2ZhNmI0dy1mZ0FYQnNhLTiUIE6MA..>

Confirmed reservations can be viewed here:

<http://spreadsheets.google.com/pub?key=p71Sfa6itw-fgAXBsa-9bRQ>

Lab Space

Support	Description	Unit	QTY	Request	Comment
Lab/office	Ilisagvik	Days	0	0	PI has arranged lab space with Ilisagvik College for 2009 field season.

Vehicles

Support	Description	Unit	QTY	Request	Comment
ATVs	2 ea	Days	120	120	Organized through BTS/BASC

Field Equipment Inventory

Support	Description	Unit	QTY	Request	Comment
N/A					

Information Technology

Support	Description	Unit	QTY	Request	Comment
N/A					

Guides, coordinators, and community participants

Support	Description	Unit	QTY	Request	Comment
Stipends	For 2 HS students	Ea	2		\$4800 per student. Organized through BTS/BASC

Other Services

Support	Description	Unit	QTY	Request	Comment
Cargo staging	Pick up & stage 600lb bird cages in building 60 science lab	Lot	1	1	Steve Hastings has key to lab in building # 60
Mileage	CPS will reimburse PI directly for up to 25 miles per day on days he travels to field site using his personal vehicle.	Days	60	TBD	CPS reimburses via expense report using federal mileage rate - \$.55/mile as of 1 January.

For expense reimbursements please contact Dana Moudra Truffer in the Alaska office. See Project Contact Information, below.

Permits

Support	Description	Unit	QTY	Request	Comment
NSB Permit	For bird captures	Ea	1		Provided through BTS/BASC
UIC permit		Ea	1		Provided through BTS/BASC

RESEARCH TEAM INFORMATION

Role	Name	Email	Phone / Fax
Principal Investigator	Noah Ashley	apnta at uaa.alaska.edu	907.786.1320 907.786.1314

PROJECT CONTACT INFORMATION
BTSPS/BASC/CPS Team Members

Contact for	Name	Email	Primary Phone(s)
Barrow science support contract oversight – BTSPS	Rex Snyder	Rsnyder at lcfm.com	907.227.1924 (c)
Program Development - BASC	Glenn Sheehan	basc at arcticsscience.org	907.852.4881 (v) 907.367.3815 (c)

New science requests, scope changes to existing requests - CPS	Steve Hastings	steve at polarfield.com	907.852.0904 (v) 907.388.0565 (c)
Lodging and lab assignments - BASC	Bryan Thomas	bryan.thomas at arcticscience.org	907.852.0903 (v) 907.367.3797 (c)
Station Management, Vehicles, Field Equipment, Temporary Labor - BASC	Lewis Brower	lewis.brower at arcticscience.org	907.852.0905 (v) 907.367.3813 (c)
IT Support - BASC	Brad Heaston	brad.heaston at arcticscience.org	907.852.0902 (v) 907.367.3836 (c)
Meal Expense Reimbursements - CPS	Dana Truffer Moudra	dana at polarfield.com	907.455.4271 (v) 907.388.2498 (c)

Offices

Barrow/BASC	Fairbanks/CPS	Denver/CPS
BASC 360 NARL Street Room L-206, Box 577 Barrow, AK 99723 Tel: 907.852.4881 Fax: 907.852.4882	CH2M HILL Polar Services Alaska Office 2325 King Road Fairbanks, AK 99709 Tel: 907.455.4214 Fax: 907.455.4126	CH2M HILL Polar Services Western Office 8110 Shaffer Parkway, Suite150 Littleton, CO 80127 Tel: 303.984.1450/1439 Fax: 303.984.1445