



LIFE SCIENCE NEWS

Published by the Institute of Arctic Biology in cooperation with the Department of Biology & Wildlife, College of Natural Science and Mathematics.

October 6, 2008

ANNOUNCEMENTS

Mark your calendar! On December 4, IAB will host Terrie Williams, Associate Professor of Biology, University of California at Santa Cruz as the 2008 Irving-Scholander Memorial Lecturer.

Termination of outdated PolarExpress cards

Does your PolarExpress Card have your UA ID Number printed on the front lower right hand corner?

Starting October 15, 2008, cards that do not display the UA ID number will be terminated in the PolarExpress system. The UA policy decision to remove Social Security numbers from University records has prompted this change in PolarExpress records and card designs.

If you have a card without the UA ID Number on it, please bring it to the PolarExpress office and we will exchange it at no charge. Replacements without your old card are charged the normal replacement fees. Your old card will be shredded. The PolarExpress Office is located in 203 Eielson.

After October 15 we will be unable to reactivate any of the older style cards.

THURSDAY, OCTOBER 9

Natural Resources Management Graduate Seminar
3:40 p.m. - 183 Arctic Health Research Building
"Wildlife"

Bob Stephenson, Alaska Department of Fish and Game
Information: fnwrt@uaf.edu, 474-7188

5:30 p.m. - Vera Alexander Learning Center - 201 O'Neill

October Meeting of the UAF Subunit, American Fisheries Society

Information: fbafs@uaf.edu

NEW FUNDING OPPORTUNITIES

The **University of Alaska Coastal Marine Institute (CMI)**, established by a cooperative agreement among the University of Alaska, the State of Alaska and the Minerals Management Service is pleased to announce a funding opportunity for Federal Fiscal Year 2009. The purpose of CMI is to provide matching MMS funding for research in Alaska on coastal, marine and human environmental issues pertaining to offshore mineral exploration and extraction. Up to \$750,000 per year is available. Regions of interest include the Beaufort Sea, Chukchi Sea, or North Aleutian Basin as well as laboratory and other studies informing MMS management of Alaska's offshore oil and gas efforts.

Deadline for initial proposals is October 13, 2009.

Please visit the CMI website for more information

<http://www.sfos.uaf.edu/cmi/admin/2009/>

LIFE SCIENCES SEMINAR

Friday, October 10, 2008

3:30 p.m. - Elvey Auditorium, 214 Elvey Building

"Integrated Population Modeling: A Natural Tool for Population Dynamics"

Jean-Dominique Lebreton

Research Director, Center for Evolutionary and Functional Ecology, Montpellier, France

The West Coast & Polar Regions Undersea Research Center in NOAA's Office of Ocean Exploration and Research invites pre-proposals for technological innovation and research beginning in FY 2009. There are three program themes for this period: (1) U.S. Arctic shelf ecosystems, (2) role of the oxygen minimum zone in ocean ecosystems and (3) regional oceanographic data from sensors on pelagic marine organisms. It is anticipated that *a limited number of full proposals will be requested from those submitting pre-proposals*, with funding decisions in early spring of 2009.

Pre-Proposals are due by October 31, 2008.

To view the full Request for Pre-Proposals, go to:
<http://www.westnurc.uaf.edu/rfpp09.html>

ANGUS GAVIN MIGRATORY BIRD RESEARCH GRANT - Proposal Deadline: November 17, 2008

The UA Foundation is pleased to announce the availability of the Angus Gavin Memorial Bird Research Grant for the 2009 field season (\$14,000 maximum award). Proposals for the grant will be accepted from scientists within the University system, which includes graduate students and faculty members.

<http://www.alaska.edu/foundation/grantsandawards>

More information in the IAB Director's Office.

GRANTS AND AWARDS

Jay Jones, Gary Kofinas, Elena Sparrow, Rudy Gens, Jenny Baeseman, and Mark Jorgensen

“Collaborative Research: Spatial and Temporal Influences of Thermokarst Failures on Surface Processes in Arctic Landscapes”

NSF

\$1,444,296 - Yr. 1 funding \$247,596

Marvin Schulte

“Microcantilever Biosensors Based on Ligand Gated Ion Channel Receptors”

NIH-R01/ISD

\$857,277 - Yr. 1 funding \$293,408

Mark Lindberg

“Prevalence and Effects of Avian Influenza in Waterfowl”

USGS

\$15,094

Abby Powell

“Diet of Glaucous Gulls on Alaska's North Slope”

USGS

\$55,000

Dave McGuire

“Assessing the Role of Deep Soil Organic Carbon in Interior Alaska: Data, Models, and Spatial/Temporal Dynamics”

USGS

\$246,128

Mark Lindberg and Perry Barboza

Additional funding to RWO 157

“Relationship between Physiological Condition and Reproduction of Lesser Scaup”

USFWS

\$11,321

TRAVEL

- **Deb Alastrom**, 9/29-10/11, Y-K region, data collection
- **Chris Barger**, 10/3-13, Bucknell University, research new lab techniques
- **Todd Brinkman**, 9/28-1/23, Estes Park, CO and Umea University, Sweden, present at Pathways to Success & Human Dimensions in the Circumpolar Arctic
- **Dan Curns**, 10/1-7, Y-K region, data collection
- **Jason Garron**, 7/1/08-4/30/09, Bonanza Creek, site visit
- **Jon Gerken**, 9/14-10/14, Sulukna River, field work
- **Scarlett Hopkins**, 10/6-21, Y-K area, data collection
- **Phillip Loring**, 9/18-5/1/09, Arizona and Mexico, RAP Internship, Sonoram Institute
- **Jordan Metzgar**, 10-6-11, Y-K area, data collection
- **Sarah Nash**, 10/6-30, Y-K area, data collection
- **Jason Neuswanger**, 7/1/08-12/31/08, Chinook Salmon Research
- **Diane O'Brien**, 10/6-12, Y-K area, data collection
- **Eliza Orr**, 10/6-17, Y-K area, data collection

Quote of the Week:

“When faced with a challenge, look for a way, not a way out.”

~ David L. Weatherford