



LIFE SCIENCE NEWS

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

<http://mercury.bio.uaf.edu/iab/yellowsheet/yellowsheet.html>

March 17, 2006

ANNOUNCEMENTS

Construction News

The break room in Irving I will be off limits during the heavy construction period. DDC cited safety concerns. The core drilling schedule for Irving I 4th floor occupants has changed. The new schedule (PDF) is attached for your information. The IAB Web site has weekly construction updates - don't forget to bookmark it! www.iab.uaf.edu/news/construction

Biology & Wildlife Thesis Defense

"Migrant Stopover Ecology and Resident Species Loss in the Sierra de Los Tuxtlas, Veracruz, Mexico," on 23 March at 10a.m. in IARC 401.
David Shaw, M.S. candidate

Biobites-Biology Grad. Student Association Seminar,

Tuesday, March 21, 1 p.m. - 201 Irving I
"Glimpses from the Underground Frontier: The Structure of a Boreal Forest Soil Fungal Community in Space and Time," Ian Herriott, graduate student in Biology & Wildlife.
Information: Hayley Lanier, fhcl1@uaf.edu

IAB invites you to the **2006 Jay Hammond Memorial Lecture** "Predator-Prey Interactions in the Muskwa-Kechika" by Dr. Katherine Parker, Friday, March 24, 3:30-4:30p.m. in the Elvey Auditorium. There will be a reception following the lecture at IAB's lounge area, 302 Irving I. Dr. Parker will present collaborative research on one of the largest intact predator-prey systems in North America. The Muskwa-Kechika (pronounced musk-quah-ke-chee-kah) Management Area is located in

northeastern British Columbia, Canada. For more information please call 474-7640 or go to www.iab.uaf.edu/events/events.php

Alaska Quaternary Center is hosting Dr. Fred Prah, a chemical oceanographer from Oregon State University. He will be giving two talks on March 23 and 24. One of the talks is presented jointly with IMS. People interested in meeting with Dr. Prah should contact Nancy Bigelow (ffnhb@uaf.edu or X5433) to set up a time. Currently all of Wednesday (Mar 22) is open, as are Thursday (Mar 23) (except for the seminar time) and Friday (Mar 24) until noon. In addition, the AQC will host a **student lunch after the IMS/AQC seminar on Friday (Mar 24)**. The lunch will be at Wolf Run, starting as soon as people can get there after the talk (i.e., ca. 1:30 or 1:45). Contact Jason Addison (ftjaa1@uaf.edu) or Nancy Bigelow (ffnhb@uaf.edu) for further information or if you need a ride.

There will also be a **potluck for Dr. Prah** on Thursday evening (Mar 23) at Bruce Finney's house. Contact Nancy Bigelow or Bruce Finney (finney@ims.uaf.edu) for further info.

AQC Public Lecture (2 p.m.; Thursday, March 23; 214 Elvey) "Alke- 'Knowns' and 'Unknowns'"

Synopsis – This talk will focus on four questions about alkenone biogeochemistry and $U_{37}^{K'}$ -based paleothermometry.

IMS/AQC Seminar (noon; Friday, March 24; 214 Elvey) "The Gulf of California and the Anatomy of its Euphotic Zone in Summer" (this is the same talk previously announced as "Summertime nitrogen fixation in the Gulf of California")

LIFE SCIENCES SEMINAR

Speaker: Katherine Parker

Affiliation: University of Northern British Columbia, Canada

Predator-Prey Interactions in the Muskwa-Kechika

Elvey Auditorium, 214 Elvey Building

March 24, 3:30pm

Reception following, IAB Lounge Area, 302 Irving I

UAF Internet2, March 23, 2006 is the date of the University of Alaska Fairbanks Internet2 Day. This day-long event will feature demonstrations, presentations and performances which highlight new and innovative uses of the Internet that are transforming our culture.

*Public Presentation/Demonstration: PowerPoint presentation, lecture, or demonstration, length between 15-30 minutes. Presentations will take place in the Charles W. Davis Concert Hall, the ARSC Discovery Lab, and in a lecture classroom in the UAF Fine Arts Complex.

*Poster Presentation: Posters will be on display in the UAF Great Hall in the Fine Arts Complex for the entire day. Presenters will be asked to be on hand at specific times during the day to field questions and discuss their poster.

David R. Anderson will lead a workshop, "**Model Selection and Multimodel Inference**," on **March 27-28, 2006** on the UAF campus. Registration and materials is \$290. To register, contact Maria Russell, x7658, fnmtr@uaf.edu. This workshop is sponsored by the Alaska Consortium for Environmental Statistics (ACES) with assistance from Gulf Apex Predator Prey Project and the Ecological Wildlife Habitat data Analysis for the Land and sea-ScapE (EWHALE).

MONDAY-TUESDAY-WEDNESDAY March 20-21-22: Symposium on Distributed Computing with MATLAB

The Arctic Region Supercomputing Center will host a 3-day workshop on distributed computing with MATLAB on Monday, Tuesday and Wednesday, March 20-22. Space is limited and pre-registration is required. See <http://www.arsc.edu> for details and to register. Information: newby@arsc.edu.

Computer tip of the week: Search the UAF EDIR directory from within Firefox. If you are interested in extending the FireFox browser's search locations to include EDIR, you now can. Go to the following location and install the search plugin:

<http://www.alaska.edu/uaf/web/plugins/>. After you've successfully installed the plugin, go to the top right corner of FireFox where you should see the symbol for Google (or the last search engine you used). Click on the symbol and drag down to the University of Alaska icon with the words UA Directory. Now you can type in a search term followed by the Enter key to search. Different ways to search EDIR with the plugin are listed on the web page.

\$\$ GRANTS AND AWARDS \$\$

Dr. Donald Walker, NASA

"Application of Space-based Technologies to examine Land-cover/Land-use change along a transect on the Yamal Peninsula & Novaya Zemlya Russia"
\$59,200

NEW FUNDING OPPORTUNITIES

Applications are being accepted for the **David Burnett Dunn Memorial Award** through 24 March 2006. Awards are given to graduate students in Wildlife Biology and Biological Sciences who are conducting a field study on an Alaskan wildlife population. The 2006 award is expected to be \$2,000. Application information can be obtained in the Department of Biology and Wildlife and IAB offices or contact Erich Follmann at 474-7338 or ffe hf@uaf.edu.

Applications are being accepted for the **Jack R. Luick Memorial Travel Fund** from students seeking limited support (generally \$500 - \$1,000) for travel to upcoming scientific conferences in 2006 and 2007.

Qualifications: Enrolled as a graduate student at UAF, in good academic standing, and pursuing a course of study in nutritional or physiological ecology of ungulates. Preference will be given to students presenting papers at international conferences.

The application should include: A letter from the student to the fund's Selection Committee summarizing education, experience, research interests and career goals, a letter of support from the student's major professor, a conference agenda or synopsis, title and abstract, if available, of the paper to be presented, and an itemized travel budget.

Submit entire packet to: Scholarship Coordinator, UAF Financial Aid, 105C Eielson Bldg., PO Box 756360, Fairbanks, AK 99775-6360

Deadlines:

Apr 15, 2006--for travel through Oct 30, 2006
Oct 15, 2006--for travel through April 30, 2007

Graduate Student Travel Grants: Sponsored by The Comparative Nutrition Society

The Comparative Nutrition Society (CNS) will make two travel awards for the 2006 Conference: The 6th Symposium of the Comparative Nutrition Society will be held from August 4 through August 9 at the Keystone Resort Conference Center, Keystone Colorado. The symposium will begin with an opening reception on the evening of August 4, 2006 and close with an informal banquet on the evening of August 9, 2006.

NSF 06-529 **Postdoctoral Fellowships in Polar Regions Research**. Proposal deadline: **April 15, 2006**
<http://www.nsf.gov/pubs/2006/nsf06529/nsf06529.htm>.

The Susan Crissey Memorial Scholarship will recognize student research in captive animals, and **The Malcolm Ramsey Memorial Scholarship** will recognize student research in field animals. Recipients will have their CNS meeting registration fees waived and will receive a \$1,000 honorarium. **NOTE:** To apply, *students must be a member of CNS (you can join at www.cnsweb.org)* and **submit an abstract of their research and their CV by May 12**. Abstracts will be judged based on scientific merit and their potential to make an innovative and exciting contribution to the field of comparative nutrition.

Graduate Student Presentation Awards (GSPA):

Three awards of \$500 each will be given in recognition of the highest quality oral and poster presentations. Presentations will be judged based on style, scientific merit, and their contribution to the field of comparative nutrition. For more details contact the CNS at www.cnsweb.org or contact Robert G White at ffrgw@uaf.edu. (Bob White is a Past President of the CNS; several IAB graduate students have previously won the GSPA; the travel scholarships are new awards this year).

The University of Alaska **Presidential International Polar Year Postdoctoral Fellowship Program** is now available!

The University of Alaska is pleased to offer 10 postdoctoral fellowships, starting during academic year 06-07, for a period of up to three years to cover the time frame of the fourth International Polar Year, plus analysis and publication of results. Starting salary will be US \$50,000 plus full faculty benefits, plus \$5000 per year for travel and research allowance. Applications are due by 1 April 2006, and decisions will be announced by 1 May 2006.

The full announcement can be accessed here:
<http://www.alaska.edu/swacad/postdoc/index.htm>

International Polar Year (IPY)

Full Proposal Target Date(s): May 1, 2006
The research emphasis areas are: ice sheet history and dynamics; biological adaptations at the cellular and genomic level to life in extreme cold and prolonged darkness; and the arctic observing network. URL:
<http://www.nsf.gov/pubs/2006/nsf06534/nsf06534.htm>

→→TRAVEL→→

- **Stacia Backensto**, 3/9-3/23, to Deadhorse, AK for fieldwork.
- **Brian Barnes**, 3/22-3/27, to Woodshole, MA to attend Arctic LTER Meeting.
- **Richard Boone**, 3/12-3/16, to Winnipeg, Canada to attend Arctic Climate Change Meeting.
- **Marion Bret-Harte**, 3/22-3/27, to Woodshole, MA to attend Arctic LTER Meeting.
- **Stuart Chapin**, 3/16-3/30, to Phoenix, AZ to attend seminars.
- **Gary Laursen**, 3/11-4/12, to Auckland, NZ for research.
- **Dave McGuire**, 3/12-3/15, Santa Barbara, CA to attend the Methane Workshop at the National Center for Ecological Analysis and Synthesis (NCEAS).
- **Joe Margraf**, 3/4-3/16, to San Francisco, CA, Cheyenne, WY, and Bethesda, MD to represent the American Fisheries Society Western Division.
- **Chanda Meek**, 3/14-3/17, to Anchorage for research.
- **Theresa Tanner**, 3/9-3/23, to Seldovia, AK to attend a scientific diving course.
- **Heather Wilson**, 3/24-3/30, from Anchorage to Fairbanks to attend Dave Anderson's Model Selection and Multimodel Influence Workshop and present a paper at the Co-op Unit's Annual Research Review.

Quote of the week:

“California is a fine place to live—if you happen to be an orange.”

Fred Allen