



LIFE SCIENCE NEWS

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

February 10, 2006

ANNOUNCEMENTS

The IAB director's office would like to extend a heartfelt thanks to all who contributed to the spaghetti feed fund raiser for our two families who recently lost their homes to fire. It was a huge success, many came to the luncheon, gave generously, and a good time was had by all. Thanks also go to Karen Enochs for the beautiful quilts which she donated.

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.

AK Statewide High School Science Symposium needs you! The 21st Alaska Statewide High School Science Symposium will be Saturday Mar. 4 and Sunday Mar. 5. We need 40 volunteers identified by Feb. 7 to read, edit and/or review two-three student papers each by Feb. 17. We also need 28-30 DIFFERENT volunteers to judge 8-10 papers in seven concurrently held student speaking sessions on Sat. Mar. 4. Their presence is requested from 7-a.m. to 1:30-p.m. on Sat. for which we will provide a

continental breakfast and a hot lunch. We also need 7 additional volunteers from 8-a.m. to 4-p.m on Sunday, Mar. 5, to judge the presentation of our finalist's; wherein we will again provide a continental breakfast and a hot lunch. For more information please contact Gary Laursen, at x6295, or ffgal@uaf.edu.

The National Science Foundation will be holding a one-day workshop on Thursday, **February 23, 2006** at Western Kentucky University. This workshop will provide an overview of the NSF, its mission, priorities, and budget. It will cover the NSF proposal and merit review process and NSF programs that cut across disciplines. Additionally, representatives from six NSF directorates will make presentations on their programs and will also be available individually and in breakout sessions for more specific discussions of potential research proposals.

In addition, on Friday, February 24, 2006, there will be tutorial workshops on FastLane, the interactive, real-time system for conducting business with NSF over the Internet, with separate sessions for investigators (morning) and grant administrators (afternoon).

Information regarding the agenda, registration, registration fee, location, contact information, and directions can be found at <http://www.wku.edu/ttcc/nsf.htm>.

Call for contributed papers and posters: The Wildlife Society will hold its 13th Annual Conference in Anchorage, September 23-27, 2006. The meeting will include workshops, symposia, contributed papers (oral presentations), and posters. The organizers invite submission of technical papers and posters on topics of wildlife science, management, education, or policy within the broad theme of Excellence in Wildlife Stewardship through Science and Education. **Deadline: February 15, 2006.** For more information go to:

LIFE SCIENCES SEMINAR

Speaker: Trina Robert

Affiliation: University of Alaska Fairbanks

Divergence, diversity, distance, and disequilibrium: Comparative phylogeography of Philippine fruit bats
Elvey Auditorium, 214 Elvey Building

February 17, 3:30pm

<http://www.wildlife.org/conference/index.cfm?name=2006cfp>.

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, fmtr@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).

Seminar Announcement: **Miranda Plumb**
Fisheries M.S. Candidate, University of Alaska
Fairbanks, Freshwater Ecosystems Seminar Series and
Thesis Defense, “Ecological Factors Influencing Fish
Distribution in a Large Subarctic Lake System.”
Wednesday February 15, 1-2 p.m., Rm. 201 Irving I.

📖📖NEW PUBLICATIONS📖📖

2121 **Murphy, Edward C.** Biology and conservation of the American White Pelican: Current status and future challenges . *Waterbirds* 28 (Special Publication 1), 107-112. 2005.

2122 **Walker, Donald A., Raynolds, Martha K., Daniëls, Fred J. A., Einarsson, Eythor, Elvebakk, Arve, Gould, William A., Katenin, Adrian E., Kholod, Sergei S., Markon, Carl J., Melnikov, Evgeny S., Moskalenko, Natalia G., Talbot, Stephen S., Yurtsev, Boris A., and & the other members of the CAVM team.**The circumpolar arctic vegetation map. *Journal of Vegetative Science*, 267-282. 2005.

2123 **Bennett, Valerie A., Sformo, Todd, Walters, Kent, Toien, Oivind, Jeannet, Kennan, Hochstrasser, Ronald, Pan, Wingfeng, Serianni, Anthony S., Barnes, Brian M., and Duman, John G.** Comparative overwintering physiology of Alaska and Indiana populations of the beetle *Cucujus clavipes* (Fabricius): roles of antifreeze proteins, polyols, dehydration and diapause. *Journal of Experimental Biology* 208, 1167-4477. 2005. *Kennan Jeannet is a high school student.

\$\$ GRANTS AND AWARDS \$\$

Diane Wagner, Patricia Doak received \$360,000 from NSF for their proposal “The Functional significance of Variation in the production of Extrafloral Nectaries by Aspen”

Joe Margraf received \$19,000 from ADF&G for his proposal “Unit SportFish 05 Base Smikrudt”

📖NEW FUNDING OPPORTUNITIES📖

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>

NSF 06-529 Postdoctoral Fellowships in Polar

Regions Research. Proposal deadline: **April 15, 2006**

<http://www.nsf.gov/pubs/2006/nsf06529/nsf06529.htm>.

2006 Global Change Student Research Grant

Competition: Deadline for 2006 submissions is 5 p.m. on Friday, February 24. Details at

<http://www.cgc.uaf.edu>.

→→TRAVEL→→

→ **Marion Bret-Harte**, 2/16-2/28 to D.C. to attend NSF Conference.

→ **Todd Brinkman**, 2/16-5/16 to Hollis, Prince of Wales Island, AK for data collection.

→ **Jeremy Jones**, 2/16-2/18 to D.C. to attend NSF Conference.

→ **Rebecca McGuire**, 2/15-2/19 to Girdwood, AK to present a paper at the Pacific Seabird Group Conference.

→ **Edward Murphy**, 2/14-2/20 to Girdwood, AK to attend the Pacific Seabird Group Conference.

→ **Todd O'Hara**, 2/15-2/17/06 to Seattle for INBRE meeting.

→ **Todd O'Hara**, 2/17-2/19/06 to St. Louis, MO for AAAS meeting.

→ **Heather Wilson**, 2/15-2/19 from Anchorage to Girdwood, AK to present a paper at the Pacific Seabird Group Conference.

Quote of the week:

“Always keep your words soft and sweet ... just in case you have to eat them.”

Anonymous