



LIFE SCIENCE NEWS

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

March 23, 2009

ANNOUNCEMENTS

TUESDAY, MARCH 24

Biobites (Grad Student) Seminar

1:00 p.m. – 2:00p.m. 201 Irving I

“Do environmental factors modify genetic risk for obesity in Yup’ik Eskimos?”

Dominick Lemas, M.S. Graduate
Department of Biology & Wildlife

Information: ftjc@uaf.edu

WEDNESDAY, MARCH 25

8:00 a.m. – 1:30p.m. 109 Butrovich (Regents’ Boardroom)

Alaska Cooperative Fish and Wildlife Research Unit
Alaska Unit Annual Research Review

Please join us for talks and posters from graduate students in fisheries, biology, and wildlife. See the agenda at <http://www.akcfwru.uaf.edu>.

10:00 a.m. – Noon 306 Reichardt Building

Chapman Chair Lecture Series, sponsored by the College of Natural Science and Mathematics

“How to Grow an Accretionary Prism: Kodiak Accretionary Complex from Early Jurassic to Present”

Casey Moore, University of California, Santa Cruz
Information: <http://www.uaf.edu/cnsm> or 474-6714

THURSDAY, MARCH 26

1:00 p.m. - 2:00 p.m. 201 Irving I

IAB Faculty Meeting

Guest Speakers: UAF and SW Risk Management,
“insurance coverage-field season”

3:40 p.m. – 5:10 p.m. 183 Arctic Health Research Building

Natural Resources Management Graduate Seminar
“Research Conducted by the Alaska Department of Fish and Game Division of Subsistence”

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

FRIDAY, MARCH 27

12:30 p.m. – 2:30p.m. 306 Reichardt Building

Chapman Chair Lecture Series, sponsored by the College of Natural Science and Mathematics
“Finding Ancient Earthquakes in the Kodiak Accretionary Complex: What Features Characterize High Velocity Slip in Fault Rocks?”

Casey Moore, University of California, Santa Cruz
Information: <http://www.uaf.edu/cnsm> or 474-6714

NEW FUNDING OPPORTUNITIES

Seeking Nominations for the:
Brina Kessel Medal for Excellence in Science
Due March 27, 2009

The MEDAL for EXCELLENCE in SCIENCE was named for Dr. Brina Kessel “to recognize her many

LIFE SCIENCES SEMINAR

Friday, March 27, 2009

3:30 p.m.

Elvey Auditorium, 214 Elvey Building

“Novel Determinants of *Francisella tularensis* Virulence Identified by Transcriptional Profiling”

Jean Celli

National Institutes of Health, Rocky Mountain Laboratories

contributions to her discipline, to Alaska, and to the University of Alaska,” and “because of her love for her students and commitment to high standards.” She has been a professor at the University for more than 40 years and has devoted a lifetime to the study of ornithology, emphasizing the birds of arctic and subarctic Alaska.

Except in the absence of an outstanding eligible student, the medal and \$500 will be awarded annually, usually at an annual awards ceremony held in the spring.

AWARD CRITERIA

1. Seniors in the natural sciences, either basic or applied and regardless of UAF administrative unit or department, are eligible for consideration. If in an applied field, the student must be well-grounded in the basic sciences and using these sciences and their methods toward solutions of applied problems.
2. To be eligible, a student must have at least a 3.5 GPA in combined course work in the basic sciences, mathematics, and statistics.
3. Eligible students must have an inquiring mind, evidenced at least in part by interest and participation in research. Participation in true research activities of some kind is essential; self-initiated research is a preferred criterion.
4. Essential characteristics for eligibility must include a) highest levels of integrity in all matters, b) evidence of a creative mind, and c) evidence of analytical thinking abilities.
5. Recipient shall have demonstrated a commitment to their chosen scientific field and have exhibited a potential to succeed professionally in science.

Nominations for the Brina Kessel award are due electronically to the CNSM dean's office no later than March 27, 2009 to the attention of Hild Peters at fnhmp@uaf.edu. Your letter of nomination must include your assessment of how the nominee meets the criteria as well as the names of two secondary references.

Contact: Hild Peters, Executive Officer, College of Natural Science and Mathematics, 474-7941

IAB Graduate Research Fellowships in Ecology & Wildlife Biology

The Institute of Arctic Biology (IAB) announces a competition for Graduate Research Fellowships for summer 2009 in support of research projects in the fields of Ecology and Wildlife Biology. IAB Ecology and Wildlife Biology Graduate Research Fellows will receive an award payment of \$10,000.

New or continuing full-time UAF graduate students in good academic standing (≥ 3.0 GPA) who will devote full time to research for the entire fellowship period of May 9, 2009 through August 15, 2009 may apply.

Applications are due April 3, 2009

Contact Roger Ruess, IAB Professor of Ecology, ffrwr@uaf.edu, <http://www.iab.uaf.edu/research/fundingopps.php>

IAB Graduate Research Fellowships in Human Health.

Application information and forms: [Announcement](#), [Checklist](#), [Cover sheet](#). IAB announces a competition for Graduate Research Fellowships for summer 2009 in support of research involving hypothesis-driven investigation of processes related to human health. See forms above for information on eligibility, amount and duration of award, proposal requirements and submission information.

Applications are due April 6, 2009

Contact Professor Kelly Drew, ffkld@uaf.edu, for more information and details on obtaining IAB-affiliation. <http://www.iab.uaf.edu/research/fundingopps.php>

IAB Director's Summer Graduate Research Fellowships

For 2009, the IAB director's office has budgeted funds to support at least twelve Summer Graduate Research Fellowships at up to \$7,500. These fellowships will support beginning or continuing M.S. and Ph.D. students sponsored by IAB faculty. The intent of this program is to provide starting or bridging stipend funds to graduate students who do not otherwise have support to enable them to concentrate full time during the summer on research and training related to their degree.

To receive an award, graduate students:

- Must be eligible to receive stipend funding by 10 May 2009
- Must not be otherwise employed outside the university during the fellowship period

To be considered for a stipend award, graduate students and their advisor must submit to the IAB Director's Office (Dorothy Parkerson, findrp@uaf.edu) by 5p.m., 6 April 2009:

1. A CV of the student, including undergraduate GPA and GRE scores
2. A 1-2 page description of the research project including any training components
3. A letter of recommendation by the faculty advisor that includes why there is no other support available to the student

A one page report on graduate research and training accomplishments over the fellowship period will be due from the student to the Director by 1 September 2009. Applications will be considered by a committee of IAB faculty who will recommend to the IAB Director. Awards will be announced by 30 April 2009.

Quote of the Week:

“When we are no longer able to change a situation, we are challenged to change ourselves.”

~Viktor Frank

Exxon Valdez Oil Spill Trustee Council

Implementation of the Exxon Valdez Oil Spill Restoration Plan
Federal Fiscal Year 2010

Invitation for Proposals - Deadline: April 20, 2009

A copy of the invitation may be obtained by visiting the following link:

<http://www.evostc.state.ak.us/Universal/Documents/Proposals/FY10%20Invitation%20-%20Final.pdf>

The **National Institutes of Health (NIH)** received new funds for Fiscal Years (FYs) 2009 and 2010 as part of the American Recovery and Reinvestment Act of 2009 (Recovery Act) and has designated at least \$200 million for a new initiative called NIH Challenge Grants in Health and Science Research (see http://grants.nih.gov/grants/funding/challenge_award/), contingent upon the submission of a sufficient number of scientifically meritorious applications. Please see the "**NIH offers Challenge Grants**" announcement with PDF link to the application posted on the IAB home page under "IAB Announcements" (www.iab.uaf.edu). *Click on the small box icon next to the announcement to expand the text and see the PDF link.

TRAVEL

- **Scott Armbruster**, 3/24-4/25/09, CA, meet with collaborators at Berkeley and fieldwork
- **Robin Bronen**, 3/10-11/09, Newtok, AK, field work relocation
- **Bill Cable**, 7/1/08-4/30/09, Bonanza Creek, site visit
- **Phillip Loring**, 9/18/08-5/1/09, Arizona and Mexico, RAP Internship, Sonoram Institute
- **Lily Ray**, 3/22-25/09, Las Vegas, NV, present paper at American Assoc. of Geographers (AAG)