



# 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 30, 2009

## ANNOUNCEMENTS

### **MONDAY, MARCH 30**

**11:00 p.m. - 12:00 p.m. 109 Butrovich**

#### **Dissertation Defense**

“The Seasonality of Reproduction, Body Composition, and Energy Expenditure in a Non-hibernating Alaskan Rodent”

Kalb Stevenson, Ph.D. Candidate

B&W, UAF and Biological Sciences, UAA

Information: [fitks2@uaf.edu](mailto:fitks2@uaf.edu)

### **TUESDAY, MARCH 31**

#### **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

B&W, IAB

Information: [frjc@uaf.edu](mailto:frjc@uaf.edu)

### **WEDNESDAY, April 1**

**10:00 a.m. – 12:00 p.m. 306 Reichardt Building**

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

“Effects of Ridge Subduction on a Forearc System: Insights from the Chugach Metamorphic Complex and Sanak-Baranof Plutonic Belt of Southern Alaska”

**Terry Pavlis**, University of Texas, El Paso

Information: <http://www.uaf.edu/cnsm> or 474-6714

**1:00 p.m. – 2:00 p.m. 201 O'Neill**

**Freshwater Ecosystems Seminar Series**

“Glacier-Stream Interactions in a Warming Climate: What Should We Expect?”

**Matt Nolan**, UAF, Fairbanks

Information: [ffmsw@uaf.edu](mailto:ffmsw@uaf.edu)

### **THURSDAY, APRIL 2**

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

B&W Faculty Meeting

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

**2:15 p.m. – 3:15 p.m. 208 Irving I**

#### **Genetics & Evolutionary Biology Seminar**

“Alaskan Arthropods: Baseline Biodiversity”

**Derek Sikes**, Museum of the North, EPSCoR

Information: [ffdss@uaf.edu](mailto:ffdss@uaf.edu), 474-7161

### **FRIDAY, April 3**

**9:00 a.m. – 10:00 a.m. 201 Irving I**

#### **Thesis Defense**

“Cellulose Degrading Microorganisms in Alaskan Boreal Forest Soil”

**Kelsie Stone**, M.S. Candidate

B&W, IAB

Information: [fskme3@uaf.edu](mailto:fskme3@uaf.edu)

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

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

“The Arc-Forearc Boundary: Compositional Boundary, Transient Mechanical Backstop, or Both?”

**Terry Pavlis**, University of Texas, El Paso

Information: <http://www.uaf.edu/cnsm> or 474-6714

**1:00 p.m. – 2:00 p.m. IAB LIB, 311 Irving I**

#### **Hazardous Waste Management Training**

Contact: [fnjfw@uaf.edu](mailto:fnjfw@uaf.edu)

---

## **LIFE SCIENCES SEMINAR**

**Friday, April 3, 2009**

**3:30 p.m.**

**Elvey Auditorium, 214 Elvey Building**

**“The Yukon-Charley Rivers National Preserve Soil-Ecological Survey”**

**Robert Liebermann**

**U.S.D.A. Natural Resources Conservation Service, Fairbanks, Alaska**

---

## GRANTS AND AWARDS

### James Allen, Gerald Mohatt

“Collaborative Research IPY; Negotiating Pathways to Adulthood: Social Change and Indigenous Culture in Four Circumpolar Communities”

\$15,000

NSF

### Jonathan Runstadler

“Influenza Genome Sequencing Project”

\$11,553

NIH

## NEW FUNDING OPPORTUNITIES

### 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 ( $\geq 3.0$  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](mailto: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](mailto: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 \$8,500. 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, [fndrp@uaf.edu](mailto:fndrp@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.

### 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/](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](http://www.iab.uaf.edu)). \*Click on the small box icon next to the announcement to expand the text and see the PDF link.

## **TRAVEL**

### → **Travel dates may be invalid due to the volcano activity of Mt. Redoubt**

- **Archana Bali**, 3/28-4/6/09, Rovaniemi, Finland, Participating and presenting at the University of Lapland
- **Brian Barnes**, 3/31-4/5/09, Lansing, MI for an invited talk at Michigan State University
- **Dave McQuire**, 3/31-4/3/09, Woods Hole, MA, Project Meeting for Arctic Carbon Cycle
- **Jim Powell**, 3/28-4/6/09, Rovaniemi, Finland, Participating and presenting at the University of Lapland
- **Kalb Stevenson**, 3/29-31/09, Fairbanks, AK, Defense
- **Oivind Toien**, 3/27-4/2/09, Toolik, Fieldwork
- **Skip Walker**, 3/30-4/3/09, Washington. D.C., NASA Project Meeting

### ***Quote of the Week:***

*"The greatest healing therapy is friendship and love."*

~Hubert Humphrey