



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 22, 2007

ANNOUNCEMENTS

Alaska EPSCoR (Experimental Program to Stimulate Competitive Research) is seeking to fund early-career fellowships at \$30,000 each, for the 2008 spring semester and summer (January 4 – August 20), to help early-career faculty become more competitive in attracting research funding. -- Any faculty member at UAA, UAF or UAS who is not yet tenured is eligible to apply.

Our project is entitled “Resilience and Vulnerability in a Rapidly Changing North: The Integration of Physical, Biological and Social Processes.” More information is also available on our website, www.alaska.edu/epscor, under “Research Focus Areas—Phase III.” To be considered, faculty will need to be working in an area of research noted.

Please remember, **we need the application in the form of one PDF by Wednesday, November 14.**

Information: 474-5880 or anne.sudkamp@alaska.edu.

ANGUS GAVIN MIGRATORY BIRD RESEARCH GRANT - Proposal Deadline: November 15, 2007

The UA Foundation is pleased to announce the availability of the Angus Gavin Memorial Bird Research Grant for the 2008 field season (\$15,000 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.

THE 2008 ALASKA MARINE SCIENCE SYMPOSIUM: EARLY NOTICE AND CALL FOR ABSTRACTS

January 20-23, 2008 Hotel Captain Cook, Anchorage, AK

Bookmark the Symposium website at www.alaskamarinescience.org

Abstracts should be a **maximum of 350 words** and should include a title, the lead principal investigators, co-PIs, and PI contact information. You will be able to upload abstracts starting Thursday, Nov. 1. **Abstracts must be submitted by Friday, Nov. 16. Registration is free** because of the support of many organizations involved or interested in Alaska marine research.

Reminder: Any faculty member wishing to have a student volunteer in their laboratory who is under the age of 18, for any length of time, should contact Annette Chism (x6164), Risk Manager, or Tracey Martinson (x6771), Industrial Hygienist, in order to ensure that the proper documentation is in place.

TUESDAY, OCTOBER 23

1:00 - 2:00 p.m. - Elvey Auditorium

IAB Special Public Seminar

“Understanding Variability of Nutrient and Contaminant Concentrations in Alaska Subsistence Species”

Todd O’Hara

Institute of Arctic Biology, Department of Biology & Wildlife

7:00 - 9:00 p.m. - 344 Duckering Building

Alaska WWAMI 2007 Mini Medical School Lectures

“Poxes, Plagues, and Parasites in the 20th Century:

LIFE SCIENCE SEMINAR

Friday, October 26, 3:30 p.m. - Elvey Auditorium, 214 Elvey Building

“Serotonin Dysfunction: Applying Integrative Physiology to Pathophysiology of Sudden Infant Death Syndrome”

Michael Harris

Institute of Arctic Biology, Department of biology & Wildlife

Information: <http://www.iab.uaf.edu/events/events.php> or 474-7640

Why Do We Still Have Infectious Diseases?"

Jay Butler

Chief Medical Officer for the State of Alaska

This Tuesday-night lecture series, broadcast via the Internet from Anchorage, continues through October. It is free and open to the public.

Information: John Adamson, 907-646-9977

WEDNESDAY, OCTOBER 24

3:30 - 4:30 p.m. - 109 Butrovich Bldg.

RAP Seminar Series

"Alaska Native Institutions and Political Issues"

Gordon Pullar

College of Rural and Community Development

THURSDAY, OCTOBER 25

1:00 p.m. - 201 Irving I

IAB Faculty Meeting

Presentation by the IAB IT team

FRIDAY, OCTOBER 26

1:00 - 2:00 p.m. - 138 Irving II

Physiology Seminar

"The Differential Impact of the Duration and Period of Developmental Ethanol Exposure on Neural Ventilatory Responses in *Rana catesbeiana*"

Cord Brundage, Biology & Wildlife graduate student

Information: ftaec1@uaf.edu

NEW FUNDING OPPORTUNITIES

November 2007

NSF 07-580

Postdoctoral Research Fellowships in Biology (PRFB). Replaces NSF 04-539. Full Proposal Deadline: **November 5, 2007.**

URL to view this funding opportunity:

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07580

NSF 07-581

Collaborative Research in Chemistry (CRC). Replaces Document NSF 05-606. Preliminary Proposal Due Date: **November 12, 2007.** Full Proposal Deadline: **March 31, 2008** (by invitation only).

December 2007

NSF 07-582

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers (ADVANCE). Replaces Document NSF 05-584. Full Proposal Deadline: **December 6, 2007** – Institutional Transformation Planning Grants (IT-Start); Institutional Transformation

(IT). **January 17, 2008** – Partnerships for Adaption, Implementation and Dissemination (PAID).

URL to view this funding opportunity:

<http://www.nsf.gov/pubs/2007/nsf07582/nsf07582.htm>

NSF 07-597

Center for Research at the Interface of the Mathematical and Biological Sciences (CIMBS).

Preliminary Proposal Due Date: **December 24, 2007**

Full Proposal Target Date: **April 2, 2008** – BY

INVITATION ONLY

URL to view this funding opportunity:

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07597

January 2008

NSF 07-598

Dynamics of Coupled Natural and Human Systems (CNH). Replaces Document NSF 06-587. Full Proposal Deadline: **January 8, 2008.**

URL to view this funding opportunity:

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07598

NSF 07-560

Research Initiation Grants and Career Advancement Awards to Broaden Participation in Biology (RIG CAA BP). Replaces Document NSF 05-58. Proposal Target Date: **January 14, 2008.**

URL to view this funding opportunity:

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07560

NSF 07-510

Major Research Instrumentation Program (MRI).

Replaces Document NSF 05-515. Full Proposal

Deadline: **January 27, 2008**

*****30% cost-share required*****

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07251

This is a limited submission program, **pre-proposals are due to OSP by November 1, 2007.**

URL to view this funding opportunity:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5260

\$\$ GRANTS AND AWARDS \$\$

Andrew Balsler

"Noatak Aquatic Ecology Study"

University of Vermont UVM

\$7,491

2nd Year Funding

Jay Jones
“Noatak Thermokarst Assessment - 2006”
University of Vermont UVM
\$44,497
2nd Year Funding

TIP OF THE WEEK

Do you have an upcoming IAB event that you would like to promote in the YellowSheet and on the IAB Event Calendar (<http://www.iab.uaf.edu/events/events.php>) on the web? Perhaps a colleague is visiting from another university and is going to give a public seminar. Or maybe you want to announce a meeting, or potluck for a faculty search candidate. You can use the newly improved Submit Event on the IAB web site (http://www.iab.uaf.edu/events/submit_event.php). This form will submit seminars and defenses via email to the YellowSheet, to the IAB Web Calendar, the Biology and Wildlife staff, and to the UAF Science Calendar. (Meetings and social events don't go to the Science Calendar.)

→→TRAVEL→→

- **Jim Allen**, 10/23-25, Bethel, AK, fieldwork
- **Bert Boyer**, 10/23-27, San Diego, CA, American Society of Human Genetics Conference
- **Scarlett Hopkins**, 10/4-26, Toksook, AK, fieldwork
- **Rosemarie Plaetke**, 10/22-29, San Diego, CA, American Society of Human Genetics Conference
- **Kathleen West**, 10/23-27, San Diego, CA, American Society of Human Genetics Conference

Quote of the week:

“Man does not live by words alone, despite the fact that sometimes he has to eat them.”

- Adlai Stevenson