



LIFE SCIENCE NEWS

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

November 5, 2007

ANNOUNCEMENTS

CONGRATULATIONS!!!

to **Velva Combs** and **Daniel Glass** whose proposals to Flint Hills Resources 2007-2008 Undergraduate Research Competition were recently awarded.

Velva Combs
\$2500

“The Role of e-PKC in global Cerebral Ischemia Tolerance in Arctic Ground Squirrels”

Daniel Glass
\$2500

“Determine the Relationship of Five Novel Fungal DNA Sequences Found within a Black Spruce to Other Fungi”

A Research Symposium will be held (spring 2008) explaining the research project findings in five minute oral presentations. The top three presentations will receive a “monetary credit” that can be spent on books. Tuition, fees, etc. These awards will be given in the amount of \$2500 first prize, \$1000 second prize, and \$500 third prize.

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.

ARTHUR J. SCHAIBLE MEMORIAL CULTURAL ENRICHMENT FUND

Award Amount: \$2,000

Deadline: Friday, November 16, 2007

The Graduate School is accepting proposals from departments for a special event activity between December 2007 and June 2008. Examples of activities are a lecture, performance, literary reading or publication, visiting professor or speaker, or special event.

LIFE SCIENCE SEMINAR

Friday, November 9, 3:30 p.m. - Elvey Auditorium, 214 Elvey Building
“Regulation of Life Span by Diet Restriction in *Drosophila*”

Kyong Jin Min

University of Alaska Anchorage, Dept. of Biological Sciences
Information: <http://www.iab.uaf.edu/events/events.php> or 474-7640

Proposals should be submitted to Department Heads for signature and forwarded to the Graduate School. The proposal should include the type of event, name of speaker, lecturer, performer(s), date of event, amount requested, and how funds will be used, i.e. travel expenses, and any matching funds that may be available. The sponsoring department will be responsible for coordinating the event, including travel, paperwork, catering, and advertising.

Submit proposals to:

Office of the Graduate School
202 Eielson
474-7464
fygrads@uaf.edu

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.

WEDNESDAY, NOVEMBER 7

3:30 p.m. - 183 Arctic Health Building

All-RAP Seminar

“Salmon, Suburbia and Sustainability: Applying Environmental History and Landscape Science to a Kenai Watershed Case Study”

Shana Loshbaugh

Resilience and Adaption Program

Information: Terry Chapin, terry.chapin@uaf.edu

NEW FUNDING OPPORTUNITIES

November 2007

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

TIP OF THE WEEK

Now that Mac OS X 10.5 (Leopard) is out, many IAB Mac users will be buying the upgrade and installing it on their computers. If you erased your hard drive to install Leopard (the cleanest way to install it), now you've got to load your Mac up with all those software programs that you downloaded from the web. Here's a list of 20 (mostly) free apps with direct links to their download pages (<http://lifesacker.com/software/mac-os-x/rebuild-your-mac-with-20-useful-downloads-315981.php>). If you are unsure about whether or not to install an antivirus program for the Mac, check out this article from Security Fix at the Washington Post

(http://blog.washingtonpost.com/securityfix/2007/10/antivirus_on_a_mac.html) -- read the comments as well. To get the Mac version of Symantec, go to <http://www.alaska.edu/oit/downloads/antivirus.xml>.

- **Barbara Taylor**, 11/2-8, San Diego, CA, Society for Neuroscience annual meeting
- **Mary van Muelken**, 11/2-8, San Diego, CA, Society for Neuroscience annual meeting

→→TRAVEL→→

- **Archana Bali**, 11/2-9, Seattle, WA, and Winnipeg, Canada, BQCMB meeting
- **Brian Barnes**, 11/8-15, Woods Hole, MA and Stockholm, Sweden, meet with AON collaborators in Woods Hole, 1st IPY workshop for Sustaining Arctic Observing Networks in Stockholm
- **Donie Bret-Harte**, 11/8-15, Woods Hole, MA and Stockholm, Sweden, meet with AON collaborators in Woods Hole, 1st IPY workshop for Sustaining Arctic Observing Networks in Stockholm
- **Cord Brundage**, 11/2-8, San Diego, CA, Society for Neuroscience annual meeting
- **Justin Buehner**, 11/2-8, San Diego, CA, Society for Neuroscience annual meeting
- **Abel Bult-Ito**, 11/2-8, San Diego, CA, Society for Neuroscience annual meeting
- **Andrew Corcoran**, 11/2-13, San Diego, CA, Society for Neuroscience annual meeting
- **Larry Duffy**, 11/2-5, San Diego, CA, Society for Neuroscience annual meeting
- **Gunnar Ebbesson**, 11/1-9, Alakanuk, AK, fieldwork
- **Emma Flores**, 11/2-8, San Diego, CA, Society for Neuroscience annual meeting
- **John Gonzalez**, 11/5-9, Alakanuk, AK, fieldwork
- **Michael Harris**, 11/2-8, San Diego, CA, Society for Neuroscience annual meeting
- **Scarlett Hopkins**, 11/3-9, Alakanuk, AK, fieldwork
- **Nick Hubalik**, 11/5-19, Toksook, AK, fieldwork
- **Gary Kofinas**, 11/5-9, Winnipeg, Canada, BQCMB meeting
- **Fanta Lee-Sankoh**, 11/3-11, Washington, DC, NCURA meeting
- **YiLong Ma**, 11/2-8, San Diego, CA, Society for Neuroscience annual meeting
- **Dave Mcguire**, 11/5-10, London, England, CARBO-North Workshop
- **Todd O'Hara**, 10/26-11/5, Sitka, AK, fieldwork
- **Rosemarie Plaetke**, 10/22-29, San Diego, CA, American Society of Human Genetics Conference
- **Tonie Quaintance**, 11/5-9, Alakanuk, AK, fieldwork
- **Tracey Smith**, Winnipeg, Canada, 11/5-9, BQCMB meeting

Quote of the week:

“When choosing between two evils, I like to try the one I've never tried before.”

--Mae West