



# LIFE SCIENCE NEWS

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July 23, 2007

## ANNOUNCEMENTS

The NSF has released a Dear Colleague Letter regarding the recent move to a consolidated proposal and award policies guide. Part I governs proposals, Part II pertains to awards. There are some changes, so please visit the site if you have NSF awards, and take a look. Dear Colleague Letter - Implementation of Changes to National Science Foundation Proposal & Award Policies & Procedures [nsf07042] URL: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf07042](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07042)

### Grants Admin Workshop

Ann Holmes, Denise Clark and Tim Reuter will be returning to campus for a one day workshop and half day PI advisory session. The funding for the events will be underwritten by ACAS money from Statewide.

Monday, Sept. 10, 2007, UAF will hold a one-day workshop, and Tuesday Sept. 11th, a three hour PI advisory session.

UAA will host the second set on Sept. 12th and 13th and any UAF employee working in the Anchorage area should apply to attend their session(s), with advance notice to Karol Weatherby in UAA's G&C office.

Email Maggie Griscavage [maggie.griscavage@uaf.edu](mailto:maggie.griscavage@uaf.edu) with particular events and areas of special interest and need, so she can compile a new agenda for the presenters. They have suggested that perhaps we would want them to be more agency specific - so, now's your chance to speak up!

### MONDAY, JULY 23

2:00 p.m. – Room 201, Irving I  
Dissertation Defense

“Foraging Ecology and Sociality of Muskoxen in Northwestern Alaska”  
Claudia Ihl

### TUESDAY, JULY 24

1-2 p.m. - 010 West Ridge Research Bldg. (WRRB)  
Arctic Region Supercomputing Center  
“Seeking Admission to Graduate School for the Sciences”  
ARSC Chief Scientist Greg Newby and guest panelists  
Information: <http://www.arscs.edu> or [newby@arsc.edu](mailto:newby@arsc.edu)

### **NEW FUNDING OPPORTUNITIES**

September 2007

#### **NSF 07-570**

**Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP).** *Replaces Document NSF 06-502.* Letter of Intent Due Date (optional): **August 7, 2007.** Full Proposal Deadline: **September 18, 2007.**

URL to view this funding opportunity:

[http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf07570](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07570)

#### **NSF 07-569**

**Research Experiences for Undergraduates (REU).** *Replaces Document NSF 05-592.* Full Proposal Deadline: **September 13, 2007.**

URL to view this funding opportunity:

[http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf07569](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07569)

January 2008

#### **NSF 07-563**

**Materials Research Science and Engineering Centers (MRSEC).** *Replaces Document NSF 04-580.* Preliminary Proposal due: **September 5, 2007.** Proposal Deadline: **January 18, 2008.**

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**THE LIFE SCIENCES SEMINAR SERIES will resume in September.**

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URL to view this funding opportunity:

[http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf07563](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07563)

**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](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07560)

## \$\$ GRANTS AND AWARDS \$\$

**Brian Barnes, Kelly Drew, Vadim Federov, and Oivind Toien**

“Hibernation genomics: Mechanisms for metabolic suppression and neural protection”

**\$2,189,000 additional funding**

**US Army Medical Research and Material Command  
Department of Defense**

**Christa Mulder**

“Collection for modeling invasive plant spread via burned lands in Alaska”

**\$14,000**

**National Park Service**

**Brian Barnes**

“Collaborative research: Deep supercooling to -100C and lower in the Alaskan beetle *cucujus clavipes*”

**\$59,487 additional support**

**National Science Foundation**

## TIP OF THE WEEK

11 Ways to Fix Your Laptop: Is your laptop computer acting up? Avoid wasting time on tech support--and money on shipping--by trying these quick fixes first. See this article at Laptopmag.com:

<http://laptopmag.com/Features/11-Ways-to-Fix-Your-Laptop.htm>. The solutions offered range from the

computer overheating through battery won't hold a charge to stuck pixels in the video display.

## →→TRAVEL→→

- **Jon Gerken**, 7/24-31, Sulukana River, AK, fieldwork
- **Donie Bret-Harte**, 5/16-8/15, Toolik Field Station, AK, fieldwork
- **Mark Burton**, 6/3-9/1, Toolik Field Station, AK, fieldwork with Dr. Bret-Harte
- **Elizabeth Green**, 7/7-9/1, Seattle, WA, fieldwork
- **Pamela Groves**, 7/3-8/3, Ivotuk, AK, collecting samples
- **Sarah Hopkins**, 6/11-8/23, CA, fieldwork
- **William Knowler**, 7/23-24, Fort Yukon, AK, field research
- **Philip Loring**, 7/23-24, field research, Fort Yukon, AK
- **Dan Mann**, 7/3-8/3, Ivotuk, AK, collecting samples
- **Joe Margraf**, 7/24-26, Anchorage, AK USGS Leadership Team Meeting
- **Kate McGlone**, 7/7-8/29, Seattle, WA, Internship with UW Center for Genomics and Health Care Quality
- **Gerald Mohatt**, 7/13-8/07, South Baymouth, Ontario, Canada
- **Lincoln Parrett**, 7/2-9/7, Eagle Creek, AK, fieldwork
- **Naoki Takebayashi**, 7/22-30, Queens, NY, conference
- **Kenneth Tape**, 6/23-8/5, Toolik Field Station, AK, fieldwork
- **Audrey Taylor**, 7/20-30, Orono, ME, Association of Ornithologists' Annual Meeting
- **Ina Timling**, 7/21-8/3, Longyearbyen, Svarbard, Norway, fieldwork

*Quote of the week:*

*“Tomorrow is often the busiest day of the week.”*

*-Unknown*