



# LIFE SCIENCE NEWS

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

July 02, 2007

## ANNOUNCEMENTS

**University offices will be closed Wednesday and Thursday, July 4 and 5 in observance of Independence Day.**

**The IAB Business Office will have limited staffing on July 6. Maria Russell, Irving 1, 310 will be in her office and have the ability to contact key personnel in an emergency. Persons needing assistance with travel or keys are urged to conduct this business on or before July 2nd.**

**FedEx has informed us that they will no longer accept styrofoam containers for shipping. Please put these containers inside cardboard boxes.**

**The 12<sup>th</sup> International Arctic Ungulate Conference (AUC) will be held in Yakutsk, Russia, August 8-13, 2007.**

URL for more information:

[http://auc.sakha.ru/index\\_eng.html](http://auc.sakha.ru/index_eng.html)

### **Weather Research and Forecasting Model (WRF) Tutorial**

A Weather Research and Forecasting (WRF) model tutorial will be offered July 10 - 11 at the Arctic Region Supercomputing Center on the University of Alaska Fairbanks campus. Space is limited to 20 participants; registration is required and attendees will be selected on a first-come, first-served basis. There is no cost for the tutorial.

The one- and one-half day tutorial will provide exposure to the mechanics of using WRF on ARSC resources. The tutorial will include hands-on use of ARSC's Sun

Opteron cluster, Midnight. Attendees will gain basic proficiency with WRF, and become aware of requirements for applying WRF to individual research purposes. No specific experience with Midnight or WRF is required, but some familiarity with weather modeling will be assumed. Familiarity with Unix/Linux command line utilities for file management, editing and running programs is also suggested. At the end of the tutorial, it is expected that attendees will have the knowledge to prepare, execute and view a "standard" tutorial case study (Hurricane Katrina model) in a parallel processing mode. In addition, participants will prepare a simple case study of their own choice within the Alaska region. Additional time will be spent creating and executing nested runs, and using a diverse set of input data to drive model runs.

The tutorial is for those who have an interest in WRF, but little hands-on exposure. It is open to all UA/UAF faculty, staff and students who have, or will obtain, an active ARSC username by July 10. For more information or to register, go to <http://www.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.**

---

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

---

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.**

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)

### TIP OF THE WEEK

Security Bulletin emails: A fake Microsoft security bulletin is currently circulating in the wild (<http://blogs.zdnet.com/Orchant/?p=499>). It comes as an email purporting to be from Microsoft, detailing a zero-day exploit of Microsoft Outlook, and asking users to click on links embedded in the email. If you get such an email, **DO NOT CLICK ON ANY LINKS.** It is a phishing scam that tries to steal your personal information. Microsoft will never alert users to security issues by way of email. Unlike the US justice system, email should be considered guilty until proven innocent.

### →→TRAVEL→→

- **Brian Barnes**, 7/2-13, personal leave
- **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
- **Matthew Campbell**, 6/14-9/30, local fieldwork
- **Kirk Cassandra**, 6/30-7/12, Prudhoe Bay, AK, fox research
- **Nathan Coutsubus**, 6/3-7/24, Barrow, AK, fieldwork
- **Lorena Edenfield**, 6/14-9/30, local fieldwork
- **Eugenie Euskirchen**, 7/4-14, Thule, Greenland, fieldwork, visiting sites
- **Erich Follmann**, 6/30-7/10, Prudhoe Bay, AK, fox research
- **Elizabeth Green**, 7/7-9/1, Seattle, WA, fieldwork

- **Pamela Groves**, 7/3-8/3, Ivotuk, AK, collecting samples
- **Laura Gutierrez**, 6/14-9/30, local fieldwork
- **Lesla Hollen**, 6/30-7/7, Rhode Island, AAAS Gordon Research Conference
- **Sarah Hopkins**, 6/11-8/23, CA, fieldwork
- **Falk Huettman**, 5/23-7/9, Managua, Nicaragua; Los Suerte, Costa Rica; Poland, Barrow, invited lectures and fieldwork
- **Katrina Knott**, 6/30-7/12, Prudhoe Bay, AK, fox research
- **Gary Laursen**, 7/5-7/19, El Paso, TX, assisting new Ph.D. grad students setting up field study protocols
- **Dan Mann**, 7/3-8/3, Ivotuk, AK, collecting samples
- **Kate McGlone**, 7/7-8/29, Seattle, WA, Internship with UW Center for Genomics and Health Care Quality
- **Anthony McGuire**, 7/4-14, Thule, Greenland, fieldwork, visiting sites
- **Tawna Morgan**, Vancouver, BC, Canada
- **Matthew Olson**, 7/9-7/13, Regina, Canada, fieldwork
- **Lincoln Parrett**, 7/2-9/7, Eagle Creek, AK, fieldwork
- **Megan Perry**, 6/14-9/30, local fieldwork
- **Lily Ray**, 5/15-7/20, Galena, AK, fieldwork
- **Christian Richey**, 5/14-7/15, Sacramento, CA, fieldwork
- **Jennifer Roach**, 6/24-7/21, Galena, AK, fieldwork
- **Todd Sformo**, 6/29-7/7, Denedin, New Zealand, ISEPEP2 conference
- **Rhonda Swor**, 6/30-7/12, Prudhoe Bay, AK fox research
- **Theresa Tanner**, 7/3-9/7, Innoko River, AK, fieldwork
- **Kenneth Tape**, 6/23-8/5, Toolik Field Station, AK, fieldwork
- **Katie Villano**, 7/1-8/1, Interior AK, plant transects
- **Katey Walter**, 7/8-7/16, Irvine, CA, Radio Carbon Isotope course
- **Robert Warren**, 6/24-7/21, Galena, AK, fieldwork
- **Adam Watson**, 6/25-7/9, Haines Jct., AK, collecting samples
- **Mark Wipfli**, 6/14-9/30, local fieldwork

#### *Quote of the week:*

*"You have to have the bad days to appreciate the good ones."*

*- Unknown*