



LIFE SCIENCE NEWS

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

April 30, 2007

ANNOUNCEMENTS

If you have a University of Alaska credit card (Pro-Card), please make sure that you contact your reconciler weekly. Most credit cards are defaulting to a fund one (103010) account. With the field season at our doorstep, it's especially important that charges NOT hit a 103010 account. When your reconciler contacts you weekly for specific fund and org information, please reply promptly. This will ensure we are always in compliance with University policy and federal regulations.

Financial Services is monitoring all credit cards, if your card is consistently defaulting, your card will be suspended. If you have any questions please contact Jennifer Deweese at x7650 or fnjld3@uaf.edu. Thank you.

Please join the Office of the Provost at the joint Faculty Senate/Usibelli award ceremony on **Monday, May 7, 2007, 4:00p.m.** in Wood Center Conference Rooms C& D for a short awards ceremony to honor recipients of the prestigious Emil Usibelli Distinguished Teaching, Research and Service Awards for 2007. After the Senate meeting each recipient will be presented with their award and outstanding senators and others will also be recognized. We will start gathering at 3:30 and the award ceremony will begin at 4:00. All deans, directors, staff and faculty are invited to attend. Following are the 2007 recipients:

Teaching: Yelena Matusевич, Associate Professor of French, College of Liberal Arts

Research: **A. David McGuire, Professor of Ecology, College of Natural Sciences and Mathematics**

Service: Shirish Patil, Associate Professor of Petroleum Engineering, College of Engineering and Mines

The Proposal Office will be closed Friday, April 27 - Friday, May 4, 2007. Deserée Baker and Sandra Preshaw will be attending the SRA International Conference in Kona, Hawaii. Please see Dorothy Parkerson in the IAB Director's Office, x7649, fnrdp@uaf.edu, for any proposal needs you may have.

Kelly Seekatz of the Post Award Office and Maria Russell with the Business Office and SNRP will also be at the SRA International Conference. Please see Jenn Deweese in the IAB Business Office, x7650, fnjld3@uaf.edu, for back-up during this time.

Facilities Services requests your help in solving a mystery. Help is needed to find out why the Irving Building is using a very large amount of water. The water usage has gone up 503% in the last three years. Water usage was 1,452,246 gallons in FY03 and the water usage was 7,308,351 gallons in FY06. Can anybody explain this? Suggestions? Contact Dave Heflinger, fnldh@uaf.edu, UAF Utilities.

INBRE Supported Faculty and Graduate Students will be hosting a **National Center for Biotechnology Information (NCBI) training course**, "*Field Guide to GenBank and NCBI Molecular Biology Resources.*" The one day course is scheduled for **May 31, 2007** at the UAF campus. Pre-registration is required. For technical information contact Heather Huson at fnhjc@uaf.edu. For general information, and Registration contact the Alaska INBRE office at inbre@alaska.edu or fnclc3@uaf.edu Deadline **May 1, 2007**.

The Chancellor's Campus Diversity Action Committee would like to inform you about the **Chancellor's Diversity Award**. This award is established to recognize

LIFE SCIENCES SEMINAR

Erica Spackman

Southeast Poultry Research Laboratory

Avian Influenza Virus in Wild birds in North America: What Genetics Can Tell Us

Elvey Auditorium

Friday, May 4, 2007, 3:30 p.m.

individuals (faculty, staff, or students) for their significant contributions to programs that promote diversity, for actions that demonstrate respect and value for different backgrounds and points of view, equitable treatment, and for expanding the educational and employment opportunities for students, staff, and faculty at UAF. Please submit all nominations electronically by **5 p.m. Monday, April 30, 2007**, to the Office of Equal Opportunity at fyeeo@uaf.edu. See the IAB Director's Office for further details.

May 14: Responsible Conduct in Research Workshop

Registration is now available for the Responsible Conduct in Research Workshop, sponsored by the UAF Office of Research Integrity. This year's workshop is scheduled for May 14 and will focus on issues related to authorship and research collaboration; the keynote speaker is Frank Macrina from Virginia Commonwealth University. An agenda and other information is available on the registration page at http://www.uaf.edu/ori/Training/rcr_registration.htm.

ARSC will once again host its three-week high performance computing "boot camp" for faculty **July 30 - Aug. 17**. This is an excellent opportunity for you to add to your skill set by learning how to manage extremely large volumes of data, run simulations for longer durations and visualize data in 3-D, in addition to receiving one-on-one attention to help you use ARSC resources effectively.

Seminars, workshops and hands-on learning experiences will include, but are not limited to, Unix basics, batch processing, scripting, parallel programming concepts and techniques, and basic familiarization with visualization packages.

If you're interested in learning more about the 2007 ARSC Faculty Camp, attend an informational meeting and Open House **Tuesday, April 24, 1- 2 p.m.** in the **West Ridge Research (WRRB) Room 010**.

Refreshments will be served. If you have any questions, please contact 2007 Faculty Camp Coordinator Tom Logan at logan@arsc.edu.

MONDAY, APRIL 30

2:00 p.m. - Elvey Auditorium, 214 Elvey Building
Faculty Candidate (Seismology) Classroom Lecture
**One Step Beyond Centroid Moment Tensor (CMT)--
Finite Moment Tensor (FMT)**
Po Chen, Columbia University; candidate for joint appointment with GI and CNSM
Information: doug@giseis.alaska.edu

TUESDAY, MAY 1

1:00 - 2:00 p.m. - 201 Irving I
Biobites – Biology Graduate Student Association Seminar

"Mushroom-munching Maculatas...a Look at Fungal Specificity in the Non-photosynthetic Orchid *Corallorhiza maculata*"

Sara Hopkins, B&W Graduate Student
Information: ftjds2@uaf.edu

3:00 p.m. - Elvey Auditorium, 214 Elvey Building
Faculty Candidate (Seismology) Research Seminar
Full 3D Waveform Tomography--A Pathway to Reliable Ground-Motion Prediction

Po Chen, Columbia University; candidate for joint appointment with GI and CNSM
Information: doug@giseis.alaska.edu

4:00 p.m. - 201 Natural Sciences Facility

Department of Chemistry and Biochemistry Seminar
Sorption of Hg(II) on Hematite and the Impact of Aqueous Fe(II)

Kristen Williams, graduate student, Department of Chemistry and Biochemistry, UAF
Information: deal@iarc.uaf.edu, 474-1875

WEDNESDAY, MAY 2

3:30 p.m. - 201 Irving I

Freshwater Ecosystems Seminar Series

Habitat Use and Behavioral Variation in Rainbow Trout and Steelhead of the Deschutes River, Oregon

Christian Zimmerman, USGS Alaska Science Center, Anchorage

Information: mark.wipfli@uaf.edu, 474-6654

7:00 p.m. - Second Story Cafe, Gulliver's Books, College Rd.

International Polar Year (IPY) Science Cafe

Changing Glaciers, Changing Landscapes

Sue Hazlett, SFOS, UAF

Information: http://ipy-youth.uaf.edu/index.php/Science_Cafe, 474-6832

THURSDAY, May 3

3:40 -5:00 p.m. - 183 Arctic Health Research Building
Natural Resource Management Seminar Series--Impacts of a Warming Climate on Natural Resource Management in Alaska (also NRM 692)

Discussion/Wrap-up Session

Information: ffsr@uaf.edu, 474-7535

FRIDAY, May 4

10:00 – 11:00 p.m. - Regent's Conference Room: 109 Butrovich Bldg. (also VCON to 221 Anderson Bldg., Juneau)

Department of Biology and Wildlife Thesis Defense

Relationships between Brown Bears and Chum Salmon at McNeil River, Alaska

Joshua M. Peirce, M.S. candidate

Information: ftjmp1@uaf.edu

SUNDAY, MAY 6

4:00 p.m. Davis Concert Hall

Sunday, May 6 is your very last chance to hear the Alaska Chamber Chorale perform. The group's final concert will be followed by a short program of special presentations and a reception in the Great Hall. Admission is \$10 for adults, \$6 for students/seniors/military; children under 12 free. Tickets available at If Only, College Floral, Artworks, Hoitt's Stereo and Video, from chorale members or at the door. (West Ridge chorale members are Barb Hameister, Rich Boone, Karl Olson, Trina Roberts and Andrew Bray.) Proceeds will go to the Northland Children's Choir and the Boys and Girls Clubs of the Tanana Valley.

📁 NEW FUNDING OPPORTUNITIES 📁

FYI...New FY08 Provision Fringe Benefit Rates are out and applicable to all new Proposals. See Proposal coordinators for new rate.

Applications are being accepted for the **Jack R. Luick Memorial Travel Fund** for travel through October 31, 2007. **Deadline for application is April 30.** See the IAB Director's Office for further details.

Information: Kim Davis, UAF Advancement Services, x6402.

The Animal Welfare Institute (AWI) is accepting applications for its 2007 **Christine Stevens Wildlife Award** program. This award program provides \$10,000 grants to help defray the costs of innovative and creative research on non-lethal tools and techniques for wildlife management and research. Deadline for application is May 31, 2007. See the IAB Director's Office for further details. Information: D.J. Schubert at (609) 334-1378 dj@awionline.org

📁 TIP OF THE WEEK 📁

If you are going to purchase a Windows computer in the near future, please research very carefully whether your applications and hardware will run in Windows Vista. As far as I know, there is no central list of software and hardware that will not run on Vista, so you will have to check each manufacturer (both software and hardware) individually. Also note that UAF OIT (help desk) is not planning to support Vista, Office 2007, or Internet Explorer 7 until at least mid-fall.

Given my past experience with many scientific programs, new versions lag substantially behind the release of a new operating system. I'm sure you'll have similar problems with Vista. Likewise, many hardware manufacturers (e.g. printers and scanners to DNA

sequencers, etc.) have not released Vista drivers for their hardware.

If you have any software or hardware that won't run in Vista, make sure that you buy the computer with Windows XP, not Windows Vista. In some circumstances, installing XP on a Vista machine can make the system unusable. Wiping out Vista and installing XP will, at the very least, likely void the warranty. If you purchase a Vista computer and find out that a critical program or piece of hardware will not work, you will likely have to send the computer back to the manufacturer for re-installation of the operating system, so that any warranties are not voided.

→→TRAVEL→→

- Stacia Backensto, 4/30-5/7, Deadhorse, Fieldwork
- Brian Barnes, 5/3-13, New York and California
- Katrina Knott, 4/15 – 5/5, Deadhorse, Fieldwork
- John Gonzales, 4/26-4/29, to Y-K area for data collection and presentation
- Vladimir, Romanovsky, 5/1 -5/5, Helsinki, Finland, Conference

Quote of the week:

“Do not go where the path may lead, go instead where there is no path and leave a trail.”

- Ralph Waldo Emerson