



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 23, 2007

ANNOUNCEMENTS

**RETIREMENT PARTY FOR JUDY ROMANS
FRIDAY, APRIL 27th
Noon - 1:30 p.m.
Globe Room, Elvey Building**

Everyone who has had the good fortune to work with Judy Romans over the years is invited to attend this pot-luck retirement party. Even if you can't stay long, please drop by to wish Judy well and let her know how much she'll be missed. For more information, contact either Dorothy Parkerson in IAB at x7649 or Michelle Dondanville in CANHR at x6230.

The Office of the Provost is pleased to announce that the following faculty members were selected by a committee of seven for the prestigious Emil Usibelli Distinguished Teaching, Research and Service Awards for 2007.

Teaching: Yelena Matusevich, 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

Please join us at the joint Faculty Senate/Usibelli award ceremony on **Monday, May 7, 2007** in Wood Center Conference Rooms C& D for a short awards ceremony, beginning just after the last Senate meeting of the year where 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.

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, fndrp@uaf.edu, for any proposal needs you may have.

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, fndlh@uaf.edu, UAF Utilities.

Science Café is a series of informal presentations and discussions that will take place during the International Polar Year (IPY), March 2007 through February 2009. The UA IPY Young Researchers' Network is soliciting presentations for the series on topics from any polar discipline, including arts, lifestyle, engineering and natural sciences. Scientific and traditional speakers from any perspective are welcome. Science Café will take place throughout Fairbanks in coffee houses, pubs, restaurants and in the public library to bring together people of various backgrounds. This is a great way to get word about your research efforts out to the community. If you would like to share your research or expertise in a thought-provoking manner then please contact Chris Petrich (chris.petrich@gi.alaska.edu).

LIFE SCIENCES SEMINAR

Matt Andrews

Department of Biology, University of Minnesota Duluth

Cardiac Function at Near Freezing Body Temperatures in Hibernating Mammals
Elvey Auditorium

Friday, April 27, 2007, 3:30 p.m.

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.**

“Field Guide to Genbank and NCBI Molecular Biology Resources” is a lecture and hands-on computer workshop on GenBank and related databases covering effective use of the Entrez databases and search service, the BLAST similarity search engine, genome data and related resources. Now featuring the NCBI assembly and annotation of human, mouse and rat genomes, the updated map viewer genome displays, the new genome-specific BLAST pages and the new NCBI curated conserved domains. Instructor for the course will be Simin Assadi, biologist on the User Services Staff of NCBI, a division of the National Institutes of Health.

Course Schedule: Date: Thursday May 31, 2007
Morning Session: 9 a.m. to Noon – Lecture – Elvey Auditorium
Lunch Break: Noon to 1 p.m.
Afternoon Session: 1 to 3 and 3:15 to 5:15, Hands On Computer Lab – Gruening Building

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

April 25, 10:00 a.m. - 2:00 p.m. and Thursday, April 26, 1:00 p.m. - 3:00 p.m. - 2nd floor, Natural Sciences Facility

VWR International

Exclusive product show featuring new products, catalogs, prizes, samples, & food.

Come meet and talk with your VWR specialist.

Exclusive vendors of VWR along with some of your favorite vendors: Agilent, EMD Chemicals, JT Baker, Texwipe, Barnstead International, LabConco, and Mallinckrodt.

Information: Andy Garrison (847) 229-7911

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.

TUESDAY, APRIL 24

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 - 5:00 p.m. – IARC Conference Room 401
EEO/Sexual Harrassment Training Session
Earlina Bowden, Director, Office of Equal Opportunity
Information: Meghan Corduan, x6600, fnmrcl@uaf.edu
If you plan on attending, please notify Meghan by
Friday, April 21.

WEDNESDAY, APRIL 25

Authors' Reception

4:00 - 5:00 p.m. - Level 6, Rasmuson Library
Chancellor Steve Jones and Rasmuson Library will co-
host this year's Authors' Reception to recognize and
honor all faculty and staff authors who have published
books between March 1, 2006 and March 1, 2007.

THURSDAY, APRIL 26

3:40 -5:00 p.m.

Natural Resource Management Seminar Series – Impacts of a Warming climate on Natural Resource Management in Alaska (also NRM 692)

“Climate Change and High-latitude Agriculture”

Stephen Sparrow, SNRAS, UAF

Information: ffsr@uaf.edu

3:30 p.m. - 201 Natural Sciences Facility

Special Seminar

“My Life at the University of Alaska: 1958-2007” James
Syun-Ichi Akasofu, Professor of Physics and Founding
Director, IARC

Information: hwilm@iarc.uaf.edu, 474-6016

FRIDAY, APRIL 27 (SpringFest)

1:00 – 4:00 p.m. - Regent's Conference Room: 109

[Butrovich](#) and via audio-conference

Worried about Promotion and Tenure?

Promotion & Tenure Workshop

All United Academics and ACCFT Faculty are welcome!
Sponsored by the Faculty Senate Committee on the
Status of Women

Information: Jane Weber ffjw@uaf.edu or Sine Anahita
sine.anahita@uaf.edu

\$\$ GRANTS AND AWARDS \$\$

Travis Bloom

Angus Gavin

Gyr Falcon Breeding Ecology on the Yukon Delta
National Wildlife Refuge: Noninvasive Genetic
Sampling Provides a Novel View of a Little
Studied Species

\$7,400

Jill Johnstone

University of Maryland

Remote Monitoring of changes in Forest functional
Types after Disturbance from Fire in the North
American Boreal Region
\$37,000

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

Adobe Acrobat Reader Speedup: Have you been
bothered by how long it takes to load a PDF in Adobe's
Acrobat Reader? Acrobat Reader, by default, loads a lot
of fonts and plugins that are rarely necessary for viewing
ordinary PDF documents. A small freeware program
called Adobe Reader SpeedUp may be just what you are
looking for ([http://www.tnk-
bootblock.co.uk/software/index.php?type=supported&id
=7F7290B5](http://www.tnk-bootblock.co.uk/software/index.php?type=supported&id=7F7290B5)). Run the program, and it disables many of
the plugins that are loaded by default by Reader and
drastically speeds up the loading process. From the web
site: "AR SpeedUp only needs to be used once (a process
taking only a few seconds) and then your Reader will be
transformed forever. There are also some tweaking
options available." Note that the VB Runtimes are
required, but they can be downloaded from the same
site.

→→TRAVEL→→

- Bert Boyer, 4/17-4/18, Banf., AB for Circumpolar Health Research 2007 meeting
- Pam Deters, 4/23, Anchorage, Behavioral Health Alliance meeting
- John Gonzales, 4/26-4/29, to Y-K area for data collection and presentation
- Nick Hubalik, 4/24-5/14, to Y-K area for data collection
- Kristin O'Brien, 4/7-6/8, Antarctica, Fieldwork
- Shu-Ping Lin, 4/26-4/29, to Y-K area for data collection and presentation

Quote of the week:

“The difference between the right word and the almost right word is the difference between lightning and a lightning bug.”

- Mark Twain