



Department of Biological Sciences

ISU Newsletter



Weekly Announcements for Sept. 16-22, 2007

Please submit newsletter information to Susan at rittsusa@isu.edu

Faculty/Staff/Other Meetings

There will **NOT** be a Biological Sciences Faculty meeting Tuesday, September 18, 2007.

Seminars

Dr. Eric R Stone, Director of Conservation Science, The Nature Conservancy of Idaho and ISU Biological Sciences alumni will present his seminar, "What is the Role of Science in Conservation? Confessions of a Conservation Biologist." Thursday, September 20, 2007 at 4 pm in LC 10.

Publications

Ledbetter, R. N., S. A. Connon, A. L. Neal, A. Dohnalkova, and **T. S. Magnuson**. 2007. Biogenic mineral production by a novel arsenic-metabolizing thermophilic organism from the Alvord Basin, OR. *Applied and Environmental Microbiology* 73: 5928-36.

Groome J. R., M. Dice, E. Fujimoto and P. C. Ruben. 2007. Charge immobilization of skeletal muscle sodium channels: role of residues in the inactivation linker. *Biophys J* 93: 1519-1533.

Presentations

Dr. Tim Magnuson was a Session Chair and Speaker at the 17th Goldschmidt Geochemistry Conference in Cologne, Germany August 19-25, 2007. The title of the talk was "Redox and solution behavior of c-type cytochromes from mineral-respiring bacteria" and was co-authored by **Michael Swenson**.

Rhesa Ledbetter presented research at the 17th Goldschmidt Geochemistry Conference in Cologne, Germany August 19-25, 2007. The poster was entitled "Directed proteomics applied to the detection and characterization of arsenic-transforming enzymes from complex communities in the Alvord Basin hydrothermal system" and the authors were Ledbetter, R.N., L.A. Deobald, A.P. Paszczyński, and T.S. Magnuson.

Travel

Dr. John Kie will attend the annual meeting of The Wildlife Society, September 22-26, 2007 in Tucson, Arizona. He will present a paper by **Ryan A. Long**, Janet L. Rachlow, and **John G. Kie** titled, "Seasonal response of elk and mule deer to forest fuels reduction." He also will be a co-presenter on papers by **Kelley M. Stewart**, **R. Terry Bowyer**, and **John G.**

Kie titled, "Plant responses to herbivory: effects on biodiversity", and another by Arthur R. Rodgers, Angus P. Carr, Hawthorne L. Beyer, Lled Smith, and **John G. Kie** titled, "HRT: Home range tools for ArcGIS®."

Events

The Intermountain Conference On The Environment September 18 & 19, 2007.

This biannual conference will again be held on the Idaho State University campus in Pocatello, Idaho. Contributed papers with a focus on management issues, research findings, responsibility issues, or regulatory perspectives are encouraged in any of the following areas:

Energy Conservation

Dams

GIS Applications

Global Warming

Groundwater Quality

Public Policy and Economic Incentives

Hillside Development/Land Management

Alternative Fuels & Coal Gasification

Water Quality Systems & Watersheds

Public and Environmental Health

Nuclear Energy

Mining & Petroleum

Transportation

Sustainable Agricultural Practices

We hope you will be able to attend the conference. A registration form will be coming shortly. For additional information and to register, contact ISU's Continuing Education and Conference Services at (208) 282-3155 or extendedlearning@isu.edu with any questions.

The 2007 Bioinformatics Workshop will be held, October 12 & 13, 2007.

This year's theme is "Biomedical Bioinformatics" and features training sessions and research talks emphasizing the use of computation approaches for addressing data-intensive biomedical research issues. The keynote speaker is Michael Rosenberg of Arizona State University.

The Workshop will be held in Lava Hot springs at the Aura Soma conference facility. Due to the generosity of our sponsors, the Workshop, receptions and banquet (Riverwalk Thai) are free for registered participants. Space is limited, of course - please contact Workshop organizers Mike Thomas (mthomas@isu.edu) or Heath Ogden (ogdet@isu.edu) to register. Rooms have been reserved at the adjoining motel (Oregon Trail) if you'd like to stay the night (\$59).

A few speaker slots are open - please contact the organizers if you'd like to talk.

Training sessions are geared towards graduate students, but anyone can attend. A schedule with training topics will be distributed later. Please encourage your students to participate.

Snake River Association for Neuroscience Fall Conference 2007
Thursday 5:00 p.m. October 11th - Saturday, 12:00 noon October 13th

Sun Valley Resort in Sun Valley, ID

CALL FOR ABSTRACTS: Abstract submissions due by September 12th. *Check our web site to submit your abstract: <http://www.isu.edu/departments/sran/>.* The preliminary program includes an opening plenary talk by **Dr. Curt Anderson**, Idaho State University, entitled "So, what DO we know about the brain?" The keynote address Friday evening will be presented by Dr. David Linden, John Hopkin's University, "The Accidental Mind."

Notices

Dr. John Kie has been named to the Editorial Board of Ecological Research for a 3-year term.

Team Biology rules at 26th Annual Pocatello Pump. The biology department was again well represented at the Pocatello Pump rock-climbing competition held September 15-16 at Ross Park. The department was recognized at the awards ceremony for the large number of participants and award winners again this year. Students, former students and faculty climbing in this year's event included: Ken Aho, Desiree DeJong, Jessica Fultz, Jason Jones, Sara Kaiser, Sarra Moller, Peter Murphy, Dusty Pena, Vernon Phinney, Janet Prevey, Amanda Ruginski, Lisa Safford, Sarah Schoen, Cody Schroeder, Rosemary Smith, Melissa Wyatt, and Rick Williams. Mary Ann Stoll dispensed libations at the C.W. HOG Pig-Out. The Pocatello Pump is organized by the ISU Outdoor Adventure Center and supports the Terry Kranning Memorial Climbing Scholarship for ISU students.