



ISU

Newsletter

**Idaho State
UNIVERSITY**

ANNOUNCEMENTS FOR THE WEEK OF FEBRUARY 12, 2012

Please submit newsletter information to Pam at chripame@isu.edu

FACULTY/STAFF/OTHER MEETINGS

Department of Biological Sciences Faculty Meeting will be held **Tuesday, February 14, 2012**, in the Plant Sciences 114 at noon.

SEMINARS

Dr. Keith Reinhardt (Postdoctoral Research Fellow, Idaho State University) a **candidate for the Plant Physiological Ecology position in the Department of Biological Sciences**, will present his seminar, "Global Change Ecology: Ecophysiological Perspectives from Leaf to Ecosystem," on **Thursday, February 16, 4:00 PM** in **Lecture Center 10**.

PUBLICATIONS

Peter Hallock and **Michael A. Thomas**. 2012. Integrating the Alzheimer's Disease Proteome and Transcriptome: A Comprehensive Network Model of a Complex Disease. *OMICS: A Journal of Integrative Biology*, Vol. 16, No. 1-2, January 2012: 37-49.

Meldrum, Jeff. 2012. Adaptive radiations, bushy evolutionary trees, and relict hominoids. *The Relict Hominoid Inquiry* 1:51-56. This is the inaugural editorial in the first volume of the on-line, free access, refereed journal, *The Relict Hominoid Inquiry*, ISSN 2165-770X. <http://www.isu.edu/rhi/>.

Congratulations to all the faculty in Biological Sciences! 2011 was a record high year for publications- at last count we produced 74 peer-reviewed publications in a wide variety of journals and books, many of which were co-authored with graduate and undergraduate students.

DEPARTMENT AWARDS

Erin O'Leary-Jepsen, Managing Director of the Molecular Research Core Facility, received an NSF-Sponsored Satellite Educational Workshop Travel Award to attend the Satellite Educational Workshop, SW3: "One Day Business Skills Workshop for Core Facility Directors and Managers," that will be held on **March 17, 2011**, in Orlando FL. The award covers the registration fee for the satellite workshop and provides 2 nights hotel reimbursement and up to \$700.00 for travel expenses, for a total award of about \$1400. The satellite workshop is a component of the annual meeting of the Association of Biomolecular Resource Facilities.

UPCOMING EVENTS

Upcoming candidate seminars for the **Plant Physiological Ecology position** to be held in **Lecture Center 10**:

- **Dr. Eric Keeling**, Cary Institute of Ecosystem Studies, **Thursday, February 23, 2011, at 4:00 PM**.

- **Dr. Jessica Cable**, International Arctic Research Center, University of Alaska-Fairbanks, **Monday, February 27, 2012, at 12:00 noon.**
- **Dr. Patrick Sullivan**, Environment and Natural Resources Institute, University of Alaska-Anchorage, **Thursday, March 1, 2012, at 4:00 PM.**

Division of Health Sciences Research Day, Crossing the Boundaries Through the Disciplines, March 16, 2012, 8:30 AM-1:30 PM. Poster presentation in Ballroom, Pond Student Union 10:30 AM. **Proposal submissions are due February 15, 2012.** For more information go to <http://www.isu.edu/healthsciences/research/researchday.shtml>.

The Idaho State University chapter of Psi Chi will be hosting the Southeastern Idaho Psi Chi Research Conference on March 23, 2012 in Pocatello, ID. Undergraduates are strongly encouraged to submit a presentation (either oral or poster), however graduate students may also present. Please encourage students in your lab to participate! This is a great way for them to get some research presentation experience! The **abstract deadline is February 24, 2012**, however we will accept late submissions (but these submissions will not be included in the conference booklet). Dr. Jonathan Prather, from the Department of Zoology and Physiology at the University of Wyoming, is the invited speaker. Dr. Prather studies the neural mechanisms of communication in songbirds. For more information about the conference, and to register, please go to: <http://seidpcrc.weebly.com/>. For more information about Psi Chi, visit: <http://psichi.org>. Please email with any questions you may have (psichi@isu.edu).

The 26th National Conference on Undergraduate Research (NCUR) will be held at Weber State University, Ogden, Utah on March 29-March 31, 2012. You are invited to participate in the Graduate School Fair which will be held during the conference on Thursday, March 29 and Friday, March 30 from 12:00-5:00 PM each day. It is anticipated that over 3,000 student presenters from around the country will attend, as well as their faculty mentors. For registration information, please visit http://weber.edu/ncur2012/dropdowns/grad_fair.html. **Early bird registration will be held from now until January 27, 2012. Registration closes on March 1, 2012.** Space is limited and registration for the fair is on a first come, first served basis.

OPPORTUNITIES

GSK, a major pharmaceutical and health products company in Philadelphia PA and Raleigh NC, has recently posted some summer internships that may be of interest to Chemistry and Biology students. They vary in qualifications - looking for undergraduates and/or graduate students. If interested, apply on the GSK website: www.gsk.com and go to the career page.

The Center for Environmental Farming Systems (CEFS) Summer Sustainable Agriculture Internship Program, Goldsboro, NC. This eight-week internship program (June 4-July 27, 2012) provides undergraduate students with experience in hands-on field production, local community food systems, hands-on sustainable agriculture experiences and research that promote agricultural sustainability. As part of their research experience, each intern will be mentored by NCSU, NCA&TSU and NCDA&CS faculty and staff from a variety of fields working in sustainable agriculture at CEFS. Student interns will be able to receive 6 credits from NCSU for the internship program. **Deadline to apply for the CEFS Summer Internship Program is Wednesday, February 15, 2012.** Visit www.cefs.ncsu.edu for more information or contact Lisa Forehand (lisa_forehand@ncsu.edu) for more information!

Environmental Health Research Experience Program (EH REP) at the University of Washington Seattle. The Environmental Health Research Experience Program is a funded nine week, summer experience for undergraduates with interest in an interdisciplinary field that uses the tools of science to solve human health problems related to the environment. EHREP provides students with hands on experience in laboratories of leading researchers, introduces them to key environmental and occupational health issues

while offering research exposure that will help them become competitive for graduate school. Students will work full-time under the supervision of a faculty mentor and will receive a stipend of \$5,200. Students underrepresented in the sciences are strongly encouraged to apply. **Deadline for student applications is Wednesday, February 15, 2012.** Program website: <http://www.ehrep.washington.edu>. Program poster: <http://depts.washington.edu/ehug/documents/ehrep2012.pdf>.

3rd Summer of NSF-funded Research Experiences of Undergraduates (REU) program entitled, Training and Experimentation in Computational Biology (TECBio): Simulation and Visualization of Biological Systems at Multiple Scales. This is a 10-week summer program hosted by the Department of Computational and systems Biology in the School of Medicine at the University of Pittsburgh. For more information: www.tecbioreu.pitt.edu. **Deadline for application is March 2, 2012.**

The **NASA Idaho Space Grant** is now accepting **EPSCoR Fellowship Applications**. Students pursuing a master or doctoral degree at Idaho State University are encouraged to apply. Applicants must be a U.S. citizen or have permanent residency, must collaborate with a faculty member or research group conducting NASA related research and have an undergraduate GPA of 3.0 or higher or a graduate GPA of 3.5 or higher. **Deadline for applications is Monday, March 5, 2012 at 5:00PM PST.** Awards are up to \$17,500 for the academic year. \$2,500 of the \$17,500 is to be used for travel to a NASA center. The fellowships are granted for one academic year. Please see attached guidelines and use the following link to apply: <http://id.spacegrant.org/index.php?page=fellowships>. If you have any questions, please call Angela or Becky at (208) 885-6438 or reply to this email.

The **NASA Idaho Space Grant Consortium (ISGC)** is now accepting **Research Fellowship Applications**. Students pursuing a master or doctoral degree at one of the ISGC member universities are encouraged to apply. Applicants must be a U.S. citizen or have permanent residency, must collaborate with a faculty member or research group conducting NASA related research and have an undergraduate GPA of 3.0 or higher or a graduate GPA of 3.5 or higher. **Deadline for applications is Monday, March 5, 2012 at 5:00PM PST.** Awards are up to \$15,000 for the academic year. The fellowships are renewable annually upon completion of program requirements and are granted for a maximum of two academic years. Please see attached guidelines and use the following link to apply: <http://id.spacegrant.org/index.php?page=fellowships>. If you have any questions, please call Angela or Becky at (208) 885-6438 or reply to this email.

The **NASA Idaho Space Grant Consortium (ISGC)** is now accepting **Scholarship Applications**. Students pursuing a baccalaureate degree at one of the ISGC member universities are encouraged to apply. Applicants must be a U.S. citizen or have permanent residency, must be or entering into a science, math, engineering, science or math education discipline as a full-time student and have a cumulative GPA of 3.0 or higher. **Deadline for applications is Monday, March 5, 2012 at 5:00PM PST.** Awards amounts are made as follows: 1st year recipients: \$1,000; 2nd year recipients: \$1,500; 3rd year recipients: \$2,000; 4th year recipients: \$2,500. The awards are renewed annually based upon the completion of program requirements for a maximum of four academic years. Please see attached guidelines and use the following link to apply: <http://id.spacegrant.org/index.php?page=scholarships>. If you have any questions, please call Angela or Becky at (208) 885-6438 or reply to this email.

JOB OPPORTUNITIES

Seasonal Employment Opportunities Natural Resources Summer 2012 Willamette National Forest Detroit Ranger District. There will be several natural resource job opportunities on the Detroit Ranger District in Detroit, Oregon this upcoming field season. Positions available may include Biological Science Technician (Botany) GS-04/05; Biological Science Technician (Wildlife) GS-04/05; Biological Science Technician (Fisheries) GS-04/05; and Hydrologic Technician GS-04/05. Crews will be stationed at Detroit, Oregon. Government provided housing may be available at Detroit. Cost is approximately \$120/month.

Deadline for applications is Thursday, March 15, 2012. Applicants can apply online at <https://www.avuedigitalservices.com>.

PAYROLL INFORMATION

Our next pay period ends Saturday, February 18, 2012. Please be sure to submit your time by Monday, February 20, 2012, at 12 NOON. This gives your approver time to approve your time card and fix any problems by Tuesday, February 21, 2012, when time cards are due to Payroll.