



ISU

Newsletter

Idaho State
UNIVERSITY

ANNOUNCEMENTS FOR THE WEEK OF FEBRUARY 5, 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 7, 2012**, in the Plant Sciences 114 at noon.

SEMINARS

Dr. Randy Brutkiewicz (Assistant Dean for Faculty Affairs and Professional Development, and Professor, Department of Microbiology & Immunology, Indiana University School of Medicine), **a candidate for the Chair position in the Department of Biological Sciences**, will present his seminar, "Immune Evasion and Cell Signaling Pathways," on **Thursday, February 9, 2012**, at **4:00 PM** in **Lecture Center 10**. He will also participate in a brown bag discussion with Biology faculty members, "Leadership style and opportunities," on **Friday, February 10, 2012**, at noon in **Lecture Center 10**. A departmental potluck dinner will be held in the home of Ernest Keeley & Janet Loxterman at 6:30pm on Friday; please visit the Biology office for directions and details. If you would like more information about Dr. Brutkiewicz, or would like to request a meeting, please speak with Noreen King.

AMERICAN HEART ASSOCIATION (AHA) PREPROPOSALS SUBMITTED

Dr. Jason Pilarski: "A pre-clinical model for studying the neurophysiology and neuroplasticity of brainstem breathing control: understanding respiratory disease following chronic perturbations." (PI) **Jason Pilarski**, Idaho State University; (co-PI) **Chris Cretekos**, Idaho State University; (co-PI) **Curt Anderson**, Idaho State University; (co-PI) **Vern Winston**, Idaho State University.

UPCOMING EVENTS

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

The US Department Energy's Office of Energy Efficiency and Renewable Energy is pleased to announce the 2012 Geothermal Student Competition. The Competition is designed to support, inspire, and promote innovation, exploration, and entrepreneurship among the nation's emerging young thinkers. **The Challenge:** Undergraduate and graduate student teams, guided by a faculty member in the role of mentor, are challenged to conduct a professional-quality assessment of the Snake River Plain site in Idaho using innovative exploration technologies. Research should be based on the case study analysis provided using one or more of the following exploration technologies: (1) geophysics, (2) geochemistry, (3) remote sensing; and (4) geology. Please note: faculty should be providing limited support. This is intended to be a student competition. **Who Should Apply?** The Competition is open to undergraduate and graduate students in science, engineering and business programs of study. **Where do I Apply?** The Competition application, guidelines, and copies of the case study can all be found on the Competition website <http://orise.orau.gov/geothermal>. **Please contact Dr. Desmond Stubbs, Program Manager by email Desmond.Stubbs@orau.org or by phone (865) 603-2461. Application Due Date: Friday, February 10, 2012.**

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 4, 2012. Please be sure to **submit your time by Monday, February 6, 2012, at 12 NOON**. This gives your approver time to approve your time card and fix any problems by **Tuesday, February 7, 2012**, when time cards are due to Payroll.