



**ISU**  
Department of Biological Sciences

# Newsletter

**Idaho State**  
**UNIVERSITY**

**ANNOUNCEMENTS FOR THE WEEK OF NOVEMBER 27, 2011**

Please submit newsletter information to Pam at [chripame@isu.edu](mailto:chripame@isu.edu)

## FACULTY/STAFF/OTHER MEETINGS

Department of Biological Sciences Faculty Meeting will be held **Tuesday, November 29, 2011**, in the Lecture Center 15/17 at noon.

## SEMINARS

**Pritee Pradhan**, MS Environmental Science Candidate, will present her special seminar project presentation, "Molecular Characterization of Dairy Waste Microbial Enrichments," on **Monday, November 28, 2011**, at **9:00 AM** in **Life Sciences 271**.

**Kole Bowman**, MS student with **Dr. Jack Rose**, will present his proposal seminar on **Thursday, December 1, 2011**, at **12 Noon** in **Lecture Center 10**.

**Parag P. Joshi**, MS graduate student with **Dr. Michael A. Thomas**, will present his defense seminar, "The Biological Significance of Psychoactive Pharmaceuticals in Aquatic Systems," **Friday, December 2, 2011**, at **12:00 Noon** in **Plant Science 114**.

**Christine Sestero** (former PhD student of **Dr. Gene Scalarone**), MERIT Postdoctoral Scholar University of Alabama at Birmingham Department of Medicine Division of Clinical Immunology and Rheumatology, will present her seminar, "Negative feedback regulation of encephalitogenic Th1 Cells by IFN $\gamma$  in experimental autoimmune encephalomyelitis," on **December 1, 2011**, at **4:00 PM** in **Lecture Center 10**.

## PUBLICATIONS

**Bowyer, R.T.**, J. L. Rachlow, K. M. Stewart, and V. Van Ballenberghe. 2011. Vocalizations of Alaskan moose: female incitation of male aggression. *Behavioral Ecology and Sociobiology* 65:2251-2260.

Dionisios Youlatos and Jeff Meldrum. 2011. Locomotor Diversification in New World Monkeys: Running, Climbing, or Clawing Along Evolutionary Branches. *The Anatomical Record* 294:1991-2012.

## GRANT OPPORTUNITIES

**Mazamas Research Grant Funding is Available.** The Mazamas, a 3,000-member Oregon mountaineering organization headquartered in Portland OR, is soliciting research grant proposals from scientists and their graduate students. Graduate Student Research Grants are up to \$1,500, and Standard Research Grants (typically awarded to university faculty members) can be up to \$3,500, from a total amount available this year of approximately \$15,000. **Grant applications deadlines: January 28, 2012**, for Standard Research Grants; February 4, 2012, for Graduate Student Research Grants. **For grant application procedure and for additional information**, please visit this link: <http://www.mazamas.org/your/adventure/starts-here/research-grants>. This link will also show you the grants we have awarded in the past several years. **For more information**, please contact the Mazamas Research Committee. **Email:**

[mazama.research@mazamas.org](mailto:mazama.research@mazamas.org). **Web:** [www.mazamas.org](http://www.mazamas.org). **Mailing Address:** Mazamas, 527 SE 43rd Avenue, Portland OR 97215. **Business Hours:** Monday-Thursday 10:00 AM - 7:00 PM and Fridays 10:00 AM - 2:00 PM. **Phone:** 503-227-2345.

**The National Research Council of the National Academies** sponsors a number of awards for graduate, postdoctoral and senior researchers at federal laboratories and affiliated institutions. These awards include generous stipends ranging from \$42,000 - \$75,000 per year for recent Ph.D. recipients, and higher for additional experience and graduate entry level stipends beginning at \$30,000 and higher for additional experience. The awards provide the opportunity for recipients to do independent research in some of the best-equipped and staffed laboratories in the U.S. Research opportunities are open to U.S. citizens, permanent residents, and for some of the laboratories, foreign nationals. Detailed program information, including instructions on how to apply online and a list of participating laboratories, is available on the NRC Research Associateship Programs Web site at: [www.nationalacademies.org/rap](http://www.nationalacademies.org/rap). Questions should be directed to the NRC at 202-334-2760 (phone) or [rap@nas.edu](mailto:rap@nas.edu). There are four review cycles annually. **Upcoming deadlines are: February 1, 2012.** Applicants should contact prospective Adviser(s) at the lab(s) prior to the application deadline to discuss their research interests and funding opportunities.

**The Center for Environmental Farming Systems (CEFS) Summer Sustainable Agriculture Internship Program.** 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. Interns will become familiar with farming practices that promote Strong local food system networks; Sustainable production systems using available renewable resource-based technologies; Agricultural production systems of animal and crops that efficiently use energy and water in the biological systems; Efficient use of nutrient cycling in production systems; Diverse complementary production systems and season extension techniques; Community gardens for food and education in good food choices; Use of organic crop rotations, crop/animal integration, and natural systems for animal production. 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. **The deadline to apply for the CEFS Summer Internship Program is Wednesday, February 1, 2012.** Visit the CEFS Website for more information! Contact Lisa Forehand (919-513-0954 or [lisa\\_forehand@ncsu.edu](mailto:lisa_forehand@ncsu.edu)) for more information!

## JOB OPPORTUNITIES

**Department of Microbiology at Oregon State University** invites applications for a full-time, 12-month appointment as Instructor in Microbiology. Ph.D. is required. For full position announcement and to apply, see <http://oregonstate.edu/admin/hr/jobs>, posting 0008189. Closing date **January 1, 2012.**

**Shoshone-Bannock Tribes Fish and Wildlife Department** invites applications for **Anadromous Fish Biologist position**. **Qualifications:** Minimum qualifications include a B.S. degree in fisheries research or closely related field with two years experience. An advanced degree in fisheries research with supervisory experience preferred. **For more information:** Contact Lytle Denny (208-239-4560 or [ldenny@sbtribes.com](mailto:ldenny@sbtribes.com)) or go to: <http://www.shoshonebannocktribes.com/jobs/jobpostings.cfm>. **Closing Date: December 8, 2011.**

**The Idaho Department of Fish and Game** has an opening for **Regional Wildlife Biologist - Population position in Pocatello, Idaho** on open competitive announcement until **Wednesday, December 7, 2011.** The announcement is located at the following link: [https://labor.idaho.gov/DHR/ATS/StateJobs/jobannouncement.aspx?announcement\\_no=00835059575](https://labor.idaho.gov/DHR/ATS/StateJobs/jobannouncement.aspx?announcement_no=00835059575). Applications will only be accepted through this website.

**The Florida Cooperative Fish and Wildlife Research Unit** at the University of Florida is seeking **two (2) postdoctoral associates** to explore methods for optimal decision making in problems of natural resource management. Research will focus on the application of decision-theoretic approaches to: (1) the control of invasive exotics in South Florida; (2) the adaptive management of waterfowl harvests in the U.S. and northern Europe; and (3) habitat management for the threatened Florida scrub-jay. These projects will support management decisions made by the U.S. Park Service, the U.S. Fish and Wildlife Service, and signatory countries of the African-Eurasian Waterbird Agreement (<http://www.unep-aewa.org/about/introduction.htm>). Appointees will be responsible for developing ecological models describing the dynamics of relevant system states, optimizing state-dependent management actions, and exploring the sensitivity of optimal management strategies to various sources and degrees of uncertainty. Appointees will be expected to work closely with management agencies, to participate in relevant workshops, to present seminars at various venues, and to publish their research findings in a timely fashion. Some travel is anticipated. No field work is required. **Enquiries should be directed to Dr. Fred Johnson at [fjohnson@usgs.gov](mailto:fjohnson@usgs.gov) or 1-352-392-5075.**

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## **PAYROLL INFORMATION**

**Our next pay period ends Saturday, November 26, 2011.** Please be sure to **submit your time by Monday, November 28, at 12 NOON.** This gives your approver time to approve your time card and fix any problems by **Tuesday, November 29, 2011,** when time cards are due to Payroll.