



ISU Newsletter



Weekly Announcements for October 15 - 21, 2006

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

Faculty/Staff/Other Meetings

There will **NOT** be a faculty meeting on **Tuesday, October 17**. There will be a seminar sponsored by the Office of Research and the Office of Graduate Studies. The presenters will be **Sandhya Baviskar**, a DA student in Biology and **Dr. Rosemary Smith**. See information below.

Seminars

Dr. Peter Doran, University of Illinois – Chicago, “Climate change and impact on lake ecosystems in the McMurdo Dry Valleys, East Antarctica,” **Thursday, October 19, 2006 at 4:00 pm in the Plant Sciences Lecture Hall.**

Presentations

Dr. Matt Germino will present a seminar entitled "Pattern, process, and stability of alpine treelines," to the Environmental Sciences Department at Washington State University in Pullman on Thursday October 19, 2006.

Mitch Day, graduate student with **Dr. Mike Thomas**, will be attending "Genomes, Medicine and the Environment," October 15-18, 2006 at Hilton Head, NC. **Drs. Thomas and Sheridan** are co- authors on Mitch's poster titled "The metagenomic bootstrap: Phylogenetic Signal in Fingerprints of Whole-Genome Shotgun Libraries". The conference is hosted by The Venter Institute.

Travel

Dr. Colden Baxter gave an invited seminar on September 29, 2006 to the School of Life Sciences at Arizona State University, Tempe, Arizona. The title of his talk was "Feedback Loops in Stream-Riparian Ecosystems: Responses to Anthropogenic vs. Natural Disturbances."

Madeleine Mineau, graduate student with **Dr. Colden Baxter**, traveled to Lake Placid, New York to deliver a presentation of her undergraduate research at the national meeting of the American Fisheries Society on September 11, 2006. The title of her talk was "Causes of round whitefish decline in New York," coauthors G.B. Steinhart, D.M. Carlson, R.J. Preall, and C.E. Kraft.

Rachel Wilkinson, graduate student with **Dr. Colden Baxter**, traveled to the San Juan

Islands to deliver a presentation of her masters' research to the board of the DeVlieg Foundation on October 1, 2006. The title of her talk was "Aquatic-terrestrial connectivity in a wilderness watershed: Do emerging stream insects fuel riparian food webs following wildfire?" with coauthor **Dr. Colden Baxter**.

Events

Noon Discussions

The Office of Research and the Office of Graduate Studies will resume NOON DISCUSSIONS focusing on the responsible conduct of research. **Tuesday, October 17, 2006 at Noon in the Clearwater Room of the SUB.**

Topic of Discussion will be "**Mentoring Graduate Students.**"

Presenters are:

- * **Ms. Sandhya Baviskar** - Research report on TA experiences at ISU
- * Dr. Cynthia Pemberton - Thesis/dissertation research guidance and support
- * **Dr. Rosemary Smith** - GA/RA/TA mentoring and support

ISU Research Day Friday, October 20, 2006

Presentations: 2:00 to 4:00 in Goranson Hall

Reception: 4:00 – 5:30 in the Art Gallery

Presenters:

Curt Anderson, Biological Sciences, "The neuronal organization of coordinated movement: the beauty, diversity and complexity of the brain."

Rob Van Kirk, Math, "Effect of stream flow regimes on success of introduced trout in displacing native cutthroat trout in the upper Snake River basin."

Shannon Lynch, Psychology, "A study of Trauma Exposure and Treatment Needs at the Pocatello Women's Correctional Center."

David Adler, Political Sciences, "George Bush, Presidential Power, and the Constitution."

Melanie Kloetzel and John Masserini, Theatre, Dance & Music, "Icarus Fried."

Linda Leeuwrik, Art, "Material Matters: Observations on the Relationship Between Painting and Writing in the Work of Marc and Kandinsky."

Pathogenic *E. Coli* - A Look at the Disease and What Makes it so Scary! (Part of the IBAPP VGR Series)

"Pathogenic *E. Coli* - A Look at the Disease and What Makes it so Scary!" A live interactive training with locations throughout Idaho. **Tuesday, October 31, 2006 from Noon to 2pm.**

Dr. Malcom Shields, Associate Professor of Microbiology at Idaho State University. It is sure to be the perfect addition to your Halloween!

Dr. Shields will give a description of the mechanism by which *E. coli* becomes pathogenic. The role of toxins, adhesions and the origin and behavior of the genetic elements responsible. (*Escherichia coli*, microbial ecology, genetics and pathogenicity)

Locations: Pocatello: ISU Campus, Eli Oboler Library, Room B13; Idaho Falls: ISU-Idaho Falls, 1770 Science Center Drive, Room CHE 311; Twin Falls: ISU-Twin Falls Center, Evergreen Bldg. Room B40; Boise: ISU Boise, 12301 W. Explorer Drive, Suite 102; Coeur d'Alene: Northern Idaho Center for Higher Education, 1000 W. Hubbard Street, Suite 130.

Registration: This session is FREE but seating is limited. To register, please go to www.isu.edu/itrc/nosearch/irh/ibapp.shtml or call Kirsti at the ISU-Institute of Rural Health at 208-282-4436.

Dr. Jeff Meldrum will be interviewed by Ira Flatow on NPR's Science Friday show about his new book, *Sasquatch: Legend Meets Science*, on **Friday, November 10, 2006** between 1:00 and 2:00 p.m. Mountain Time.

Employment Opportunities

Western University of Health Sciences College of Osteopathic Medicine of The Pacific
ANATOMY research and teaching faculty positions:

The College of Osteopathic Medicine of the Pacific/Western University of Health Sciences has committed itself to a far reaching strategic plan that will significantly increase faculty numbers in order to expand our expertise in the areas of research and innovation in medical education. The department of Anatomy is seeking PhD anatomists for tenure track faculty positions at the level of Assistant, Associate or Full Professor to Either:

(1) participate in both research and limited teaching. Competitive salary, significant start-up support and abundant laboratory space will be offered. The successful applicants are required to obtain extramural funding from major federal or other granting agencies (Associate or Full Professor) or have successfully completed a postdoctoral program with strong potential to obtain grants (Assistant Professor). The University will allow ample protected time for research goals.

(2) Teach anatomy to osteopathic medical students. The successful applicants must have several years of experience in teaching the anatomical sciences. Experience with innovative curriculum development in the candidate's area of expertise and publications that will lead to the attainment of educational grants are required.

Review of applications has already commenced and will continue until positions are filled. Applicants should submit a cover letter expressing their interest, statements of research activity and teaching philosophy along with curriculum vitae, current support, and contact information of three references to:

James F. May, Ph.D., Chair,
Department of Anatomy
Western University of Health Sciences
College of Osteopathic Medicine of the Pacific
309 E. Second Street
Pomona, CA 91766-1854
Email Address: jfmay@westernu.edu

Research Opportunities

Research Fellowship in the Rockies!!

Each year the Rocky Mountain Nature Association and Rocky Mountain National Park co-sponsor a research fellowship opportunity for one graduate-level student to spend 3 - 4 months conducting research in Rocky Mountain National Park.

Application deadline, February 1, 2007

For additional information visit their website at www.rmna.org or email nancy@rmna.org.

FACULTY RESEARCH COMMITTEE CALL FOR PROPOSALS

Fall 2006

The Faculty Research Committee (FRC) accepts proposals for funding in three grant categories: **1. Research Grants 2. Release Time Grants 3. Dissemination Grants.** Please contact your area representative with any questions concerning the development of your proposal. You are strongly encouraged to discuss your proposal with your area representative prior to submission. **Dr. Jeff Hill is the Life Sciences representative.** **DELIVER** proposals to: **Room 205 of the Fine Arts Building (Office of Research), by 5:00 pm on Monday, November 13, 2006.**

GRADUATE STUDENT RESEARCH AND SCHOLARSHIP COMMITTEE (GSRSC) CALL FOR PROPOSALS

Spring 2007

Call for Graduate Student Research and Scholarship Committee Proposals. Graduate students can get up to \$1,000 for research. Go to www.isu.edu/research/gsrsc.shtml for information on the application process. Please contact Amanda Fisher, the Biological Sciences representative for questions or more information.

Proposals are due **November 20, 2006 at 5:00 pm**

UNDERGRADUATE RESEARCH COMMITTEE CALL FOR PROPOSALS

Funding for Fall 2006

The Undergraduate Research Committee (UgRC) funds a limited number of proposals in two grant categories: 1) Undergraduate Research Awards, which help support undergraduates financially as they perform research, and 2) Undergraduate Travel Awards, to support undergraduates in presenting results of research. All proposals must conform to the *Guidelines for*

Preparation of Proposals and Responsibilities of Grant Recipients. Please visit the web site <http://www.isu.edu/research/ugradpropguidelines.pdf> for the most recent version of guidelines posted 9/6/06. **NOTE:** Maximum grant amount for Research Awards is \$2,000.

PLEASE CONTACT YOUR AREA FACULTY REPRESENTATIVE with any questions concerning the development of your proposal. You are strongly encouraged to discuss your proposal with your area representative prior to submission. College of A&S-Biological Sciences James Groome at x2791 groojame@isu.edu.

An original and sixteen copies of each proposal are required.

Deliver proposals to Office of Research, Fine Arts Building, Room 205

DEADLINE FOR PROPOSAL SUBMISSION

5:00 P.M., Thursday, October 19, 2006

Notices

BGS Grill-Out: The BGS is having a grill-out in the courtyard!

Tuesday, Oct. 17th, 11 am-1 pm there will be hamburgers, turkey burgers, turkey dogs and garden burgers, chips, dessert and soda for sale. The cost will be \$5 for a plate of food.

Money raised by BGS will be awarded to graduate students traveling to conferences. Grab a plate to take down to the Noon Discussion in the Clearwater room in the SUB.

Call For Nominations For The ISU Distinguished Researcher Award Of 2007

Announcing the call for nominations for the Distinguished Researcher Award of 2007. This award will honor a faculty member who has contributed significantly to the research effort at Idaho State University. This person is honored at the commencement exercises as the Distinguished Researcher and will be given a cash award of \$2,500. The Faculty Research Committee will select a maximum of five (5) Outstanding Researchers from the nominees. The Distinguished Researcher will be selected from that group. To implement the selection process, the Faculty Research Committee invites anyone who is familiar with a faculty member's research efforts to nominate that person for this award. Any full-time faculty member (tenured or not) who has made a significant, original/creative contribution to advancing the frontiers of knowledge in his or her field may be nominated. Please send a detailed letter of nomination, which addresses the selection criteria below to the Chief Research Officer, Mail Stop 8130, Idaho State University, by **Friday, November 17, 2006**.

1. Significance of the research in relation to the frontiers of knowledge in that field.
 2. Publication of research findings in peer reviewed national or international journals or juried/invitational show, exhibits, or performances.
 3. Papers, showings, or related public presentations of research findings and their application and use by the discipline involved.
 4. Evidence of extended, intentional development of the topic of research that resulted in a significant contribution.
 5. Any other evidence of the outstanding nature of the research activity that may be relevant.
- Only one nomination letter per person is necessary to provide the detail required in the selection process. General letters of support from others are not used in the selection process. We wish to encourage the development of excellence in research at ISU and honor those who have accomplished it. We also use this to publicize the fact that a significant amount of research is being done at our institution.
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