



# ISU Newsletter



## Weekly Announcements for January 7 – 13, 2007

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

### Faculty/Staff/Other Meetings

The Biological Sciences Faculty meeting to discuss the promotions of Sue Galindo and Sonja Nehr-Kanet will be **Tuesday, January 9, 2007 at noon** in the **Speech Pathology building in room 315**. **Only voting faculty need to attend this meeting.**

### Seminars

**Dr. Jennifer Dunne**, Santa Fe Institute, "Conservation of Ecosystem Structure over Deep Time," on **Thursday, January 11, 2007 at 4pm** in the **Plant Sciences Lecture Hall, #114**.

### Publications

**DiCristina K, Germino MJ**. 2006. Correlation of neighborhood relationships, carbon assimilation, and water status of sagebrush seedlings establishing after fire. *Western North American Naturalist* 66(4): 441-450

### Awards

**Congratulations to Dr. Rosemary J. Smith** (PI) and co-PI's **Dr. Richard Inouye, Dr. Paul Beardsley** (Biological Sciences), and Dr. Larry Stout (Engineering). They were awarded \$1.8 million from the National Science Foundation to continue the successful Graduate Fellows in K-12 Education project. The NSF GK-12 grant will fund 33 Graduate Fellowships (\$30,000 + tuition) over the next three years for students in Biological Sciences, Engineering, Mathematics, Geosciences, and Chemistry as well as provide support for local K-12 teachers and students.

**Dr. Rosemary J. Smith** proposal to ISU's WeLEAD program (NSF Advance grant) was funded for \$14,972.00. The proposal is titled "Molecular genetic markers to study the behavior and ecology of burying beetles" and the abstract is available on the WeLead website. ([www.isu.edu/welead](http://www.isu.edu/welead)).

Congratulations to Biology grad students who were recipients of a spring 2007 GSRSC grant!

**Three Dissemination grants were awarded to:**

**Deborah Johnson**, "Adaptive Evolution and Functional Divergence of the Monosaccharide Transporter Gene Family in Arabidopsis and Rice."

**Jason Jones**, "The "tail of a frog: Factors influencing Rocky Mountain tailed frog (*Ascaphus Montanus*) distribution and abundance in two stream networks."

**Rachel Wilkinson**, "Aquatic-Terrestrial Connectivity in a Wilderness Watershed: Do Emerging Stream Insects Fuel Riparian Food Webs Following Wildfire?"

**Six Research Grants were awarded to:**

**Ryan Bellmore**, "Contribution of Floodplain Connectivity to Aquatic Ecosystem Productivity: A Study of the Effects of Dredge Mining and the Potential for Restoration in the Salmon River, Idaho."

**Sarah Bruer**, "Experimental exposure of the boreal toad (*Bufo Boreas Boreas*) to the fungal pathogen *Batrachochytrium dendrobatidis*."

**Heather Fitzpatrick**, "Quantitative Assessment of Pathogenic Genes in Local Wastewater Treatment Facilities."

**Evan Mecham**, "The Effects of Catecholestrogens on Glycogen Accumulation in the Mink Uterus."

**Kelsey Metzger**, "A Study of Genetic Variation in Human CCR5, a co-receptor for HIV-1 and a Marker of Susceptibility to symptomatic West Nile Virus."

**Madeleine Mineau**, "Autotrophy in Streams Revisited: Effects of a Riparian Invasive Plant on Stream Ecosystem Function."

The Biology grad students were awarded 50% of the total money awarded. Congratulations!

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## Proposals

**Dr. Matt Germino** requested \$120,121 from NSF for his Collaborative proposal with Diane Debinski (Iowa St U) titled "LTREB: Early Detection of Ecosystem Responses to Climate Change."

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## Events

**The Idaho Chapter of the Wildlife Society announces the call for abstracts.** The meeting will be held **March 5 – 7, 2007** at the Holiday Inn in Pocatello. For students that wish to attend, there is an opportunity to defray your registration costs. If interested, please contact Katie Miller at [millkati@isu.edu](mailto:millkati@isu.edu) or call at 282-5766 or 282-5715. Please visit [www.ictws.org](http://www.ictws.org) for more information about this meeting.

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## Employment Opportunities

**The Great Barrier Reef Marine Park Authority is Seeking Manager, Social and Economic Information Science Technology and Information Group**

Townsville, Queensland - Australia

EL1 Salary range \$77,330–\$83,198

**The GBRMPA is seeking a person who is innovative, seeks a challenge and who has the ability to lead a team.** You will apply social and economic information in the field of natural resource management, deliver client focused services and build partnerships with a range of people and organizations to deliver outcomes.

[http://www.gbrmpa.gov.au/corp\\_site/about\\_us/employment/pn352-361.html](http://www.gbrmpa.gov.au/corp_site/about_us/employment/pn352-361.html)

**Oregon Department of Fish and Wildlife  
Principal Executive Manager  
Education Services Section Manager**

The Education Services Section Manager reports to the Information and Education Division, whose purpose is to promote support for Oregon's fish and wildlife resources by fostering public understanding of and participation in programs that maintain and enhance those resources. The Information and Education Division is responsible for the following key functions: natural resource education, outdoor skills education, communications, special events and public involvement, and customer services.

Individuals interested in this opportunity should contact:

Oregon Department of Fish and Wildlife  
Human Resources Division  
3406 Cherry Avenue NE  
Salem, OR 97303  
Phone: (503) 947-6055  
Fax: (503) 947-6050

**Application materials must be received by 5:00 p.m. on Friday, January 19, 2007.**

Please visit ODFW Web site at [www.dfw.state.or.us](http://www.dfw.state.or.us)

**Birders Wanted!**

**Biological Technician Positions (12) GS-0404-5**

**Temporary Employment Spring 2007**

The Carlsbad Office of the U.S. Fish and Wildlife Service is recruiting biologists to conduct California gnatcatcher (CAGN) surveys throughout San Diego County, located in southern California. Surveys are planned for spring 2007. Employment will last 14 weeks beginning March 5, 2007. This may be adjusted one or two weeks forward depending on winter rains. If interested, contact Clark Winchell, Principal Investigator for the project, no later than **January 19, 2007**. Contact information is as follows: email [clark\\_winchell@fws.gov](mailto:clark_winchell@fws.gov), phone (760) 431-9400 ext 275, cell (760) 271-6839.

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**Notices**

**Visiting Professionals Workshops or Field Trips 2007**

**Travel Grants Available for Taylor Ranch Field Station,  
University of Idaho**

The primary purpose of the Visiting Professionals Travel Grants is to provide a diversity of field oriented experiences for students working with natural resources professionals at Taylor Ranch Field Station (TRFS). A second purpose is to introduce professionals – university faculty, agency scientists, or educators – to Taylor Ranch Field Station to stimulate interest in development of future research or educational activities from the field station. The Visiting Professionals travel grants are provided through the DeVlieg Foundation.

Four grants of up to \$1,000 each are available to university faculty or natural resources professionals to pay for air charter travel expenses and TRFS lodging costs to present a workshop or hands-on training session for students at Taylor Ranch Field Station. Examples of activities that could be funded through this grant include 1) 4 days working with student interns and other students who are spending the summer at TRFS, 2) bringing a class to

TRFS for a field trip, and 3) putting on a field oriented workshop at TRFS. Recipients will be selected to expand the range of research and education activities at TRFS and provide a diversity of experiences for students. Each grant recipient is responsible for developing and presenting their educational program and after the workshop providing a short summary and photos of the activity to TRFS for use on a web page or other outlets. Summaries of previously awarded Visiting Professionals trips can be seen on the Taylor Ranch Field Station website <http://www.cnrhome.uidaho.edu/default.aspx?pid=88284>

To apply: Submit a 1-2 page summary of the proposed activity to Jim & Holly Akenson at [tayranch@hughes.net](mailto:tayranch@hughes.net). The summary should include the topic and description of activities, who the student audience is, number of participants, dates, and a cost estimate. Applications can be submitted at any time of year, but for earliest consideration for Summer 2007 email or mail your request by **February 15, 2007**.

Jim & Holly Akenson, Managers/Scientists  
Taylor Ranch Field Station  
HC 83 Box 8070  
Cascade, ID 83611  
[tayranch@hughes.net](mailto:tayranch@hughes.net)  
<http://www.cnrhome.uidaho.edu/taylorranch.htm>  
1-254-543-9291

**Call For Papers:**

Idaho Academy of Sciences Annual Meeting and Symposium

**April 19-21, 2007** at the Idaho National Laboratory/University Place in Idaho Falls, Idaho.

Symposium Theme: Energy for the Future – Human & Ecological Considerations.

Full Information Website: [www.isu.edu/ias/](http://www.isu.edu/ias/)

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**Department Alumni News**

Ken Meeuwsen, MS (Biology, 1978) represented his mother, Louise, at the inaugural ArtRapids! Fine Arts Festival (Elk Rapids, MI) in June, 2006. He also has 2 pieces of his own art displayed in North Bridge Gallery, Bellaire, MI.