



## Weekly Announcements for September 7-13, 2008

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

### Faculty/Staff/Other Meetings

There will NOT be a Biological Sciences Faculty meeting Tuesday, September 9, 2008.

### Publications

Robison B. D., Drew R. E., Murdoch G. K., Powell M., **Rodnick K. J.**, Settles M., Stone D., Churchill E., Hill R. A., Papasani M. R., Lewis S. S., Hardy R. W. Sexual Dimorphism in Hepatic Gene Expression and the Response to Dietary Carbohydrate Manipulation in the Zebrafish (*Danio rerio*). *Comp Biochem Physiol (Part D Genomics and Proteomics)* 3: 141-154, 2008.

### Presentations

**Dr. John Kie** was invited to the **Edmund Mach Foundation Centre for Alpine Ecology** in Trento, Italy, to take part in a small workshop, "GPS Telemetry Data: Challenges and Opportunities for Behavioral Ecology Studies," **September 7-12, 2008**. Dr. Kie presented his work on, "A Rule-Based Method for Selecting a Bandwidth in Kernel Home-Range Analyses," as a discussion paper for one of the sub-group meetings.

**Dr. Matt Germino** will be presenting an invited talk, "Whitebark Pine Establishment and Climate at Treeline," at the **Whitebark Pine Ecosystem Foundation Meeting** at Grand Targhee Resort in Alta, WY, on **September 13, 2008**. On **September 14, 2008**, he will co-lead a field trip which includes ISU's NICCR timberline/climate change experiment. The meeting is open to all. See [www.whitebarkfound.org](http://www.whitebarkfound.org) for more information.

### Upcoming Events

**Biology Graduate Students (BGS)** will be hosting the **Annual Departmental Fall BBQ** for all graduate students, faculty, staff, and families on **Wednesday September 10, 2008**, from **6 PM-10 PM** at **Raymond Park**. They will be grilling hotdogs and hamburgers so please bring a side dish to share and beverage of your choice. Hope to see you there!

### Graduate Student Opportunities

**PhD and MS graduate student assistantships** in ecology of invasive plant species. Available at Utah State University, Logan to study plant-soil feedbacks following cheatgrass invasion of big sagebrush ecosystems. The research will use a combination of long-term (25-y-old) field plots, greenhouse and laboratory approaches to examine the role of plant-soil feedbacks related to nutrient cycling, allelopathy and shifts in microbial community structure in promoting stable cheatgrass communities. As part of the project, molecular tools will be used to examine shifts in community structure of mycorrhizal fungi, nitrifying bacteria, and other microbial populations. Stable isotope techniques will be used to examine biogeochemical changes following cheatgrass invasion. Degree programs available in Biology, Soil Science or Ecology, depending on student background and interests. Support includes a generous stipend, health

insurance, and tuition waivers (for PhD programs). For more information contact Dr. John Stark ([jstark@biology.usu.edu](mailto:jstark@biology.usu.edu)) or Dr. Jeanette Norton ([jennyn@cc.usu.edu](mailto:jennyn@cc.usu.edu)).

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## Job Opportunities

The **Coconino National Forest** will soon be advertising a GS-0454-5/7/9, **Rangeland Management Specialist**, with responsibilities on the Peaks and Mormon Lake Ranger Districts. This position is a permanent, full time position and is located in Flagstaff, Arizona. Anyone interested in further information should contact Gary Hase, Jr., at 928-527-8262 or [ghase@fs.fed.us](mailto:ghase@fs.fed.us).