

FACULTY/STAFF/OTHER MEETINGS

Department of Biological Sciences Faculty Meeting will be held **Tuesday, October 11, 2011**, in the Lecture Center 15/17 at noon.

SEMINARS

A **Research Poster Session** will be held on **Thursday October 13, 2011**, at **4:00 PM** in **Gale Life Sciences Building** on the **3rd floor**. Come learn about Physiology, Development, Anatomy, Neuroanatomy, Microbiology, Stream Ecology, Neurophysiology, Evolution, Bioinformatics, Behavior, and Herpetology.

Dr. Caryn Evilia, Departments of Chemistry and Biological Sciences, will present her promotion seminar, "Adventures in Archaea: Protein Biochemistry in Extreme Halophiles," on **Friday, October 14, 2011**, at **1:00 PM** in **Physical Sciences Complex 114**.

TRAVEL

Dr. Tim Magnuson gave an invited seminar titled, "Microbial Bioenergy: From electrons to complex carbon," at the University of Minnesota, September 15, 2011. This talk featured work by graduate assistants, **Mike Swenson** and **Pritee Pradhan**.

PUBLICATIONS

Brown, K.B., J. C. McIntosh, L. Rademacher, and **K.A. Lohse. 2011. A multiple approach to determine the impacts of agricultural irrigation recharge on groundwater quality in the Saddle Mountain Basalt Aquifer, Columbia Basin, Washington. *Hydrogeology Journal* DOI 10.1007/s10040-011-0736-z. (**indicates graduate student)

Bates, B.L., J.C. McIntosh, and **K.A. Lohse. 2011. Linkages between recharge rates, flowpaths, and metabolic pathways for methanogenesis in Powder River Basin coalbeds, WY (USA). *Chemical Geology*. 284 (2011) 45–6. (**indicates graduate student)

Chorover, J., P. Troch, C. Rasmussen, P. Brooks, J. Pelletier, D. Breshears, T. Huxman, **K. Lohse**, J. McIntosh, T. Meixner, S. Papuga, M. Schaap, M. Litvak, J. Perdrial, A. Harpold, M. Durcik. 2011. Jemez River Basin – Santa Catalina Mountains (JRB-SCM) Critical Zone Observatory: Probing how water, carbon, and energy drive landscape evolution and surface water response. *Vadose Zone Journal* 10:884–899 doi:10.2136/vzj2010.0132.

Carlson, M., **K.A. Lohse, J.C. McIntosh, J.E.T. McLain. 2011 (available on-line in press). Quantifying the impacts of urbanization on groundwater recharge and quality using environmental age tracers. *Journal of Hydrology* doi:10.1016/j.jhydrol.2011.08.020. (**indicates graduate student)

McLain, J.E.T., C. M Rock, **K. Lohse**, J. Walworth. 2011. False Positive Identification of E. coli in Treated Municipal Wastewater and Wastewater-Irrigated Soils. *Journal of Canadian Microbiology* 57: 775–784.

GRANTS AWARDED

Drs. Tim Magnuson and **Linda DeVeaux** were awarded a \$4000 Collaboration Grant from NASA-EPSCoR/Idaho Space Grant Consortium. This grant will facilitate planning a new project, “Manganese and Microbial Cell Survival in extremis.” The grant was co-written by graduate assistants, **Mike Swenson** and **Matt Ford**.

UPCOMING EVENTS

The Idaho Chapter of the American Fisheries Society Native Fish Committee - 2011 Native Fish Workshop. October 13-15, 2011 (come to one or more days). Please join us for the opportunity to see some of the most unique fishes in the State. This year we plan to visit beautiful Bear Lake in southeastern Idaho to see and learn how to identify Bonneville whitefish, Bonneville cisco, Bear Lake whitefish, Bear Lake sculpin, and Bear Lake (Bonneville) cutthroat trout. Travel and meet on the evening of the **Thursday, October 13**. Professional workshop **Friday, October 14**. **Saturday, October 15** is family fun day and viewing of Bear Lake Fishes, bring the Kids! Meeting location and accommodations: Bear Lake Training Center, Utah State University. **Contact: Ernest Keeley (keelerne@isu.edu) to reserve your spot, please RSVP.**

OPPORTUNITIES

The Hertz Foundation is looking for applications for fellowships in Astrophysics, Chemistry, Computer Science, Earth Science, Engineering, Materials Science, Mathematics, Physics, Quantitative Biology/Biotechnology. There are two main options: the first has a \$31,000/9 month personal stipend, the second a \$36,000/9 month personal stipend. See www.hertzfoundation.org for more details and online application. **Application deadline is October 31, 2011.**

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. Questions should be directed to the NRC at 202-334-2760 (phone) or rap@nas.edu. There are four review cycles annually. **Upcoming deadlines are: November 1 2011 and 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.

All Faculty and Students in Science, Math, Social Sciences. University Research Committee Call For Proposals Fall 2011. The Research Office and the University Research Committee (URC) invite proposals for funding for research projects. The URC has been restructured, with new members, bylaws, funding categories, and guidelines. New guidelines, dated September 2011, are available at: <http://www.isu.edu/research/internalgrants.shtml>. **Important changes include:** These funds are available to all faculty and to students conducting research in the sciences, math or social sciences; Greater flexibility in funding type; Greater dollar amounts for awards are possible; new proposal format; and Faculty and students apply to same committee but do not compete against each other. You are strongly encouraged to

discuss your proposal with your area representative prior to submission. List of area Representatives <http://www.isu.edu/research/internalgrants.shtml>. **NOTE: Criteria for evaluating proposals:** 1) Intellectual merit; 2) Likelihood of successful completion of the proposed project; 3) National or international impact potential/plan to disseminate results at the national level (faculty); 4) Fit of the project to the applicant's long-term research, including development of a record of external funding or revenue through grants, fellowships, contracts, royalties, patents, consulting fees, ticket sales, donations, etc. (for faculty). Maximum grant amount is \$25,000 for faculty grants, \$2,000 for student grants. **Deadline for proposal submission is before: 5:00 PM – Thursday, November 10, 2011.** See guidelines for submission details. Writing Workshop for remote locations via Skype contact Dr. Easterly (282-2618; eastdebb@isu.edu). Session will be held September 29, 2011 at 10:00am in the Portneuf room in the SUB in Pocatello.

PAYROLL INFORMATION

Our next pay period ends Saturday, October 15, 2011. Please be sure to **submit your time by Monday, October 17, at 12 NOON.** This gives your approver time to approve your time card and fix any problems by **Tuesday, October 18, 2011,** when time cards are due to Payroll.