



Weekly Announcements for September 6, 2009

Please submit newsletter information to Pam at chripame@isu.edu

Faculty/Staff/Other Meetings

Biological Sciences Faculty Meeting will be held **Tuesday, September 8, 2009**, in the **Speech Pathology Building #68 in room SPA 315 at noon.**

Accomplishments

Dr. Jean Pfau was recently invited to join the Editorial Board for the Journal of Immunotoxicology which publishes peer-reviewed research articles regarding the effects of chemicals (drugs, occupational or environmental exposures) on immune system function.

Dr. Jean Pfau was elected an officer (Councilor) for the Mountain West Regional Chapter of the Society of Toxicology (SOT). SOT is a professional and scholarly organization of scientists from academic institutions, government, and industry. SOT is committed to creating a safer and healthier world by advancing the science of toxicology, improving public health, and training future scientists. The Mountain West chapter includes New Mexico, Arizona, Utah, Nevada, Colorado and southern Idaho.

Drs. Terry Bowyer and John Kie have been selected by the Wildlife Publications Awards Committee of The Wildlife Society to receive the Wildlife Publications Award of Outstanding Article for, "Effects of Scale on Interpreting Life-history Characteristics of Ungulates and Carnivores." The award will be presented during The Wildlife Society's 16th Annual Conference in Monterey, California, in September.

Grants Awarded

Dr. Colden Baxter has received two new research grants during summer 2009. The **U. S. Geological Survey and Bureau of Reclamation** have granted Dr. Baxter and his Ph.D. student, **Ryan Bellmore**, \$172,000 to conduct research on river floodplain restoration in the Methow River in eastern Washington. The other is \$15,000 from the **U. S. Forest Service, Payette National Forest**, to help Dr. Baxter and the Stream Ecology Center at ISU maintain long-term studies of the effects of wildfire, forest management, and changing climate on stream ecosystems in the Salmon Basin of central Idaho.

Publications

Daniel T. Selbie, **Bruce P. Finney**, David Barto, Lynda Bunting, Guangjie Chen, Peter R. Leavitt, Erland A. MacIsaac, Daniel E. Schindler, Mark D. Shapley, and Irene Gregory-Eaves. 2009. Ecological, landscape, and climatic regulation of sediment geochemistry in North American sockeye salmon nursery lakes: Insights for paleoecological salmon investigations. *Limnology and Oceanography* 54(5) 1733–1745.

Herbert D. G. Maschner, Matthew W. Betts, **Joseph Cornell**, Jennifer A. Dunne, **Bruce Finney**, **Nancy Huntly**, James W. Jordan, Aaron A. King, Nicole Misarti, Katherine L. Reedy-Maschner, Roland Russell, Amber Tews, Spencer A. Wood, and Buck Benson. 2009. An Introduction to the Biocomplexity of Sanak Island, Western Gulf of Alaska. *Pacific Science*, Vol. 63, No. 4:673–709.

Natalie M. Monacci, Ursula Meier-Grünhagen, **Bruce P. Finney**, Hermann Behling, Matthew J. Wooller. 2009. Mangrove ecosystem changes during the Holocene at Spanish Lookout Cay, Belize. *Palaeogeography, Palaeoclimatology, Palaeoecology* 280:37–46.

John A. Barron, David Bukry, Walter E. Dean, Jason A. Addison, **Bruce Finney**. 2009. Paleoceanography of the Gulf of Alaska during the Past 15,000 Years: Results from Diatoms, Silicoflagellates, and Geochemistry. *Marine Micropaleontology* 72:176–195.

Deborah A. Alongi, **Jeffrey P. Hill** and **Matthew J. Germino**. 2009. Opportunistic Heterotrophy in Gametophytes of the Homosporous Fern *Ceratopteris richardii*. *Botany* 87:799-806.

Kelley M. Stewart, **R. Terry Bowyer**, **John G. Kie**, Brian L. Dick, Roger W. Ruess. 2009. Population Density of North American Elk: Effects on Plant Diversity. *Oecologia* 161:303–312.

Aldape M. J., Bryant A. E., Katahira E. J., Hajjar, A. M., Finegold S. M., **Ma Y.**, Stevens D. L. 2009. Innate Immune Recognition of, and Response to, *Clostridium sordellii*. *Anaerobe* June 25. [Epub ahead of print]

Stefan P. Kastl, Walter S. Speidl, Katharina M. Katsaros, Christoph Kaun, Gersina Rega, Afhsin Assadian, Georg W. Hagmueller, Martina Hoeth, Rainer De Martin, **Yongsheng Ma**, Gerald Maurer, Kurt Huber, J. Wojta. 2009 Thrombin Induces the Expression of Oncostatin M via AP-1 Activation in Human Macrophages: a Link Between Coagulation and Inflammation. *Blood* August 3. [Epub ahead of print]

Presentations

ISU Department of Biological Sciences was strongly represented at the 57th Annual Meeting of the North American Benthological Society **May 18-22, 2009**, Grand Rapids, Michigan.

- **Bechtold, H.A., C. V. Baxter, A.M. Marcarelli, and R.S. Inouye**. 2009. Differences in nutrient uptake (N, P, carbon) and organic matter processing rates in relation to land use intensity.
- **Bellmore, J.R., C.V. Baxter, K. Tardy, and L. Denny**. Testing assumptions behind alternative recovery strategies for anadromous salmonids in the Yankee Fork Salmon River, Idaho: An analysis of food limitation.
- **Benjamin, J.R., C.V. Baxter, and K.D. Fausch**. 2009. Regional comparison of native cutthroat and nonnative brook trout and their food web effects.
- Collins, S.F., **C.V. Baxter, A.M. Marcarelli, and M.S. Wipfli**. 2009. Riparian insect response to experimental in-stream salmon additions.
- **Cornell, J.P., I. Verkaik, C.V. Baxter, and G.W. Minshall**. 2009. Effects of wildfire on organic matter sources and macroinvertebrate assemblages in watersheds of central Idaho, USA. Poster presentation.
- Cross, W.F., **C.V. Baxter**, E.J. Rosi-Marshall, H. Wellard., R.O. Hall, T.A. Kennedy, and **K.C. Donner**. 2009. An extremely inefficient food web in the tailwater of a large dam.
- Della Croce, P., G.C. Poole, and **C.V. Baxter**. An investigation of catchment characteristics as drivers of non-native salmonid invasion success in the western US.
- **Donner, K.C., S.E. Zahn, C.V. Baxter, E.J. Rosi-Marshall, D. Kincaid, T.A. Kennedy, and M.D. Yard**. 2009. Diets of a fish assemblage in the Grand Canyon, Colorado River: Assessing potential interactions between native and non-native species.
- Lepori, F., **J.R. Benjamin, K.D. Fausch, and C.V. Baxter**. 2009. Effects of invasive trout on populations of benthic prey.
- **Marcarelli, A.M., R. W. Van Kirk, and C.V. Baxter**. 2009. Present and future effects of agricultural practices and climate change on coupled hydrologic and biologic regimes in a western U.S. river.

- Martin, R.A., **A.M. Marcarelli**, **C.V. Baxter**, S.F. Collins, and M.S. Wipfli. 2009. Nutrient limitation and uptake response to experimental salmon additions in Idaho headwater streams. Poster presentation.
- **Mineau, M.M.**, **C.V. Baxter**, **A.M. Marcarelli**, A.J. Leffler, and T. Kasahara. 2009. In-stream nutrient processing is altered due to a nitrogen subsidy caused by Russian olive, a non-native riparian tree.
- Walters, D.M., E.J. Rosi-Marshall, W.F. Cross, T.A. Kennedy, and **C.V. Baxter**. 2009. A quantitative food web approach for estimating selenium flux in the Colorado River in Grand Canyon.
- Vallis, K.L., E.J. Rosi-Marshall, **C.V. Baxter**. 2009. Hidden treasures in archived invertebrate collections: Exploring past resource use from preserved gut contents. Poster presentation. **Awarded Best Student Poster.**
- Wipfli, M.S. and **C.V. Baxter**. 2009. Food supplies that drive fish productivity: Modeling prey flux in riverine networks.
- Zahn, S.E., E.J. Rosi-Marshall, **C.V. Baxter**, T.A. Kennedy, R.O. Hall and W.F. Cross. 2009. Influence of spatial and temporal heterogeneity on small-bodied fish diets in the Colorado River.

Dr. Amy Marcarelli, Postdoctoral Researcher, traveled to Albuquerque, New Mexico, **August 2-7, 2009**, for the 94th annual meeting of the **Ecological Society of America**. She presented the paper, “Short-Term Ecosystem Responses to Experimental Salmon Carcass and Analog Additions in Headwater Streams,” coauthored by **Dr. Colden Baxter**, **Scott Collins**, and Mark Wipfli (University of Alaska-Fairbanks collaborator). The paper reports results from a study supported by a grant awarded to Dr. Baxter and the ISU Stream Ecology Center from the Idaho Department of Fish and Game.

Dr. Jeff Meldrum was an invited speaker at the Northwest Intertribal Agricultural Council Conference (NWIAC) hosted by the Shoshone-Bannock Tribes, **Wednesday, August 5, 2009**, at the Holiday Inn, Pocatello. His talk was entitled, “Sasquatch: Legend Meets Science.”

Dr. Jeff Meldrum presented his paper, “A survey of footprints attributed to the Yeti: Is the Himalayan mystery on firm footing?” at the American Association for the Advancement of Science - Pacific Division (AAAS-PD) meetings held in San Francisco, **August 17-19, 2009**.

Dr. Jean Pfau attended the symposium, “Recent Advances in Pharmacology and Toxicology,” at the American Academy for the Advancement of Science (AAAS) Pacific Division Annual Meeting at San Francisco State University, **Tuesday, August 18, 2009**. Her talk was entitled, “Asbestos Autotoxicus: Inhalation Toxicology and Pathogenic Autoantibodies.” AAAS is the publisher for Science Magazine and is an international non-profit organization dedicated to advancing science around the world through education, leadership, and advocacy.

Dr. Charles Trost, Professor Emeritus, will be giving two talks at the 34th annual meeting of the **Western Field Ornithologists** in Boise on **Friday, September 11, 2009**. The first is a plenary talk at 11:40 AM entitled, “A Short History of Field Ornithology in Idaho.” The second talk is at 2:00 PM entitled, “Primogeniture and Competition in Young Black-Billed Magpies.” Finally, Charles Swift will present a talk at 1:00 PM entitled, “History and Recent Activity of the Idaho Bird Records Committee.” Dr. Trost is the organizer and current chair of that committee.

Job Opportunities

The **Idaho Department of Fish and Game** has a **Data Coordinator position** in Boise, Idaho, on open competitive announcement until **September 15, 2009**. The announcement is located at the following link:

http://dhr.idaho.gov/DHRApp/stateJobs/jobannouncement.aspx?announcement_no=00800005089.

Applications will only be accepted through this website.

Payroll Information

Our next **pay period ends Saturday, September 5**. Please be sure to **submit your time by Monday, September 7 at 12 NOON**. This gives **your approver time to approve your time card and fix any problems by Tuesday, September 8** when time cards are due to Payroll. If you have employees working for you, you need to make sure they are submitting their hours and that you are approving their time cards on time. Time cards need to be submitted and approved on time for everyone to get their pay checks when they expect them.
