

Biological Sciences -- Noteworthy Faculty Activities for June, 2007

• PUBLICATIONS

Published

Altig, R. 2007. Academic lineages of doctoral degrees in herpetology. In: Contributions to Herpetology, Contributions to the History of Herpetology, Vol. 2, K. Adler, J.S. Applegarth, and R. Altig (Eds.), pp. 329-389. Published by Society for the Study of Amphibians and Reptiles. (*Emeritus faculty member.*)

Minerick, A. and **G. Thibaudeau.** 2007. Detection using confocal microscopy. In: Encyclopedia of Micro- and Nanofluidics, D. Li (Ed.). Springer, New York, NY.

Madsen, J.D., C. Abbott, R. Brown, L. Bruce, J. Byrd, E. Dibble, **G. Ervin**, V. Maddox, D. Shaw. 2007. Research to Support Integrated Management Systems of Aquatic and Terrestrial Invasive Species. MSU, GeoResources Institute Report #5014, 78 pp. This is the 2006 Invasive Species Program Annual Report.

Accepted

Bried, J.T. and **G.N. Ervin.** 2007. Length-mass allometry from a different perspective: adult aquatic insects (dragonflies), intraspecific analysis, spatiotemporal context, and field-based estimates. *Journal of the North American Benthological Society* (In press.) Jason received his M.S. degree from Biological Sciences in 2005 – this is his ninth journal publication from research conducted at MSU.

Invited Manuscript

Lewis Brown was invited to write a manuscript for the Center for International Security and Strategic Studies, entitled “Potential threat of bioterrorism related to shipping in the Malacca Strait”. (*Emeritus faculty member.*)

• PRESENTATIONS

Invited

Ervin, G.N. 2007. Integrating research and undergraduate teaching (in wetland ecology). Society of Wetland Scientists International Meeting, June 10-15, Sacramento, CA.

Contributed

Ervin, G.N. and J.D. Madsen. 2007. Developing an invasive plant atlas for the Mid-South. Society of Wetland Scientists International Meeting, June 10-15, Sacramento, CA. Gary gave this poster presentation.

Convened

Nancy Reichert co-convened a symposium entitled Bio-Based Feedstocks-Biofuels at the Congress on In Vitro Biology meeting, June 9-13, Indianapolis, IN.

- **GRANTSMANSHIP**

Funded

Thibaudeau, G. (PI), Co-PIs: R. German (CAVS) and S. Willard (Facility for Organismal and Cellular Imaging, FOIC). Bio-inspired design - enabling technologies in the life and materials sciences. MSU conference funding, \$50,000. The conference will be held in fall 2008.

Wallace, L. Understanding how landscape features influence population connectivity in Canada thistle [*Cirsium arvense* (L.) Scop.] by modeling gene flow across populations. Funding from Montana State University, \$4,905, 2007-2008.

Submitted

Ervin, G.N., B.S. Baldwin, W.D. Jones, and J. Ouellette. Linking cultural, biological, and economic values into wetland programs: Mississippi Band of the Choctaws Pearl River Wetland Demonstration Project. Submitted to US EPA Region 4, \$497,985, 2007-2010.

- **ADDITIONAL**

Society Board of Directors Meeting

As Secretary of the Society for In Vitro Biology (SIVB), **Nancy Reichert** participated in their Board of Directors meeting held in Indianapolis during the Congress on In Vitro Biology meeting.

Elected Positions

Lewis Brown was elected to the Board of Directors of the Mississippi Chapter of Sigma Xi. He was also elected to the Board of Directors of the MSU Association of Retired Faculty. (*Emeritus faculty member.*)