

Biological Sciences -- Noteworthy Faculty Activities for September, 2007

• PUBLICATIONS

Published

Bryan, J.J., G.P. Gerber, **M.E. Welch**, and C.L. Stephen. 2007. Re-evaluating the taxonomic status of the Booby Cay Iguana, *Cyclura carinata bartschi*. *Copeia* 2007:734-739.

Ervin, G.N. 2007. An experimental study on the facilitative effects of tussock structure among wetland plants. *Wetlands* 27:620-630.

• PRESENTATIONS

Invited

Ervin, G.N. and J. D. Madsen. 2007. Using GAP data to guide integrated management of invasive species. US Geological Survey National Gap Analysis Program Conference, Sept. 10-13, Asheville, NC. Gary gave this invited oral presentation.

Wise, D. 2007. Understanding control checkpoints of eukaryotic cell division. Invited seminar at the University of Louisiana at Monroe, Department of Biology, Sept. 28.

Chris Brooks has been invited to give a presentation in Spring 2008 for Murray State University's newly-funded EPSCoR seminar program "Biology and Mathematics in Population Studies".

Contributed

Welch, M.E. 2007. A novel approach to F-statistics for highly polymorphic loci. SouthEastern Population Ecology and Evolutionary Genetics Conference, Sept. 21-23, Tremont, Smoky Mountains National Park, TN. Mark gave this oral presentation.

Morrison, R., W. Monroe, and **G. Thibaudeau**. 2007. Ultrastructure and arrangement of chromatophores in the various color morphs of Panther chameleons. Pan-American Society for Pigment Cell Research, Sept. 13-16, Chicago, IL. Giselle gave this oral presentation.

Pearl, S., **M.E. Welch** and D.E. McCauley. 2007. Mitochondrial heteroplasmy in a gynodioecious plant. SouthEastern Population Ecology and Evolutionary Genetics Conference, Sept. 21-23, Tremont, Smoky Mountains National Park, TN. Stephanie Pearl, an undergraduate student who trained under Mark while a postdoc at Vanderbilt gave this presentation. He hopes to encourage MSU undergraduate students to do similar types of projects.

- **GRANTSMANSHIP**

- Submitted*

- Thibaudeau, G.** Materials Research Science & Engineering Center (Preproposal), National Science Foundation, Sr. Pers. \$12,000,000 (5 years).

- Thibaudeau, G.** Mississippi State University FastStart STEM Success Program, National Science Foundation (STEP), coPI. \$1,200,000 (5 years).

- Thibaudeau, G.** Materials Working Group – Depth and Breadth of Materials Research, National Science Foundation (REU Site), PI. \$300,000 (3 years).

- **ADDITIONAL**

- Session Chair at PanAmerican Meeting and Invited Review*

- Giselle Thibaudeau** chaired the session “Cell Biology and Pigmentation” at the 2007 Annual Meeting of the PanAmerican Society for Pigment Cell Research, Sept. 13-16, held in Chicago, IL.

- Giselle** was also invited to write a review of that session to be printed in Pigment Cell Research, the official journal of the International Federation of Pigment Cell Societies and the Society for Melanoma Research.

- **STUDENT ACTIVITIES**

- Undergraduate*

- Beta Beta Beta (BBB; Biology Honor Society) sponsored a blood drive on Sept. 12. BBB made the appointments for blood donation and promoted the blood drive. Although the United Blood Services set a collection goal of 50 units of blood, they actually collected 75 units thanks to BBB’s hard work.