

## Biological Sciences -- Noteworthy Faculty Activities for March, 2008

### • PUBLICATIONS

#### Published

Akers, E.C., C.M. Taylor, and **R. Altig**. 2008. Effects of clay-associated materials on the growth of the tadpoles of *Hyla chrysoscelis*. *Journal of Herpetology* 42:408-410. (Emeritus faculty member.)

**Brown, L.R.** 2008. Geomicrobiology. *Journal of the Australian Society for Microbiology* 29:32-34. (Emeritus faculty member.)

**Smith, J.L.**, H. Hasper, E. Breukink, J. Novak, J. Cerkasov, J.D. Hillman, S. Wilson-Stanford, R.S. Orugnty. 2008. Elucidation of the antimicrobial mechanism of Mutacin 1140. *Biochemistry* 47:3308-3314. Shawanda Wilson-Stanford is Jim's Ph.D. student.

### • PRESENTATIONS

#### Contributed

**Mark Welch** presented "Ecology's role in the generation and maintenance of biodiversity", an invited seminar at the Biology Department, University of Louisiana-Monroe, March 7.

### • GRANTSMANSHIP

#### Submitted

Shaw, D.R., J.D. Byrd, **G.N. Ervin**, S.C. Grado, J.D. Madsen, M.K. Measells, and J.M. Prince. Evaluating an integrated prevention program for reducing the spread of cogongrass (*Imperata cylindrica*) in the southeastern United States. Submitted to the USDA NRI Competitive Grants Program, \$499,964 (2 years).

**Gordon, D.M.** (PI). Biochemical characterization of the yeast mitochondrial rhomboid, Pcp1p. Submitted to the Mississippi Functional Genomics Network, \$592,782 (\$423,000 direct; indirect: \$169,782) (5 years)

Lance, R., P. LeBerg, **C.P. Brooks** and J. Westervelt. Topological features and dynamics of gene flow networks. Submitted to the US Army Corps of Engineers, \$727,700 (\$110,000 to Dr. Brooks) (3 years).

### • STUDENT ACTIVITIES

#### Undergraduate

Beta Beta Beta (BBB; Biology Honor Society) sponsored a blood drive on March 3. 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 69 units thanks to BBB's hard work. **Gay Williamson** is their faculty advisor.