

Biological Sciences -- Noteworthy Faculty Activities for July, 2007

• PUBLICATIONS

Published

Shew, W. and **M.C. Reese**. 2007. Do you really know what you're eating? A case study on genetically modified foods. http://www.sciencecases.org/gmo_safety/gmo_safety.asp
Published online (http://www.sciencecases.org/gmo_safety/gmo_safety.asp; posted 6/30/07) by the National Center for Case Study Teaching in Science Case Collection, State University of New York in Buffalo. This NSF-designated National Science Digital Library collection (<http://ublib.buffalo.edu/libraries/projects/cases/ubcase.htm>) “promotes the development and dissemination of innovative materials and sound educational practices for case teaching in the sciences”.

Accepted

Smith, J., H. Hasper, E. Breukink, J. Novak, J. Cerkasov, J. Hillman, S. Wilson-Stanford, and R. Orugnty. Elucidation of the bactericidal mechanism for Mutacin 1140. *Biochemistry*. Accepted with revisions.

• PRESENTATIONS

Invited

Jim Smith was invited to present a seminar “Structural and functional characterization of the lantibiotic Mutacin 1140” at the University of Michigan, Department of Chemistry, Ann Arbor, MI, June 29.

• GRANTSMANSHIP

Funded

Shaw, D.R., J. Prince, J. Byrd, J.D. Madsen, **G.N. Ervin**, and S. Grado. Modeling spread of invasive weedy species following natural disasters. Approved for funding by the USDA CSREES NRI, \$100,300 (3 years). Gary will receive approx. \$66,000 of the funds.

Submitted

Donna Gordon (PI) has submitted a grant proposal to the NSF: Characterization of Pcp1p, the yeast mitochondrial rhomboid protease, \$407,792 (3 years). Donna will join the Biological Sciences faculty on August 16.

David Chevalier (PI) has submitted a grant proposal to the NSF: FHA domains as regulators of cell signaling, \$288,922 (3 years). David will join the Biological Sciences faculty on August 16.

Jim Smith (PI) has submitted a grant proposal to the NSF SBIR Phase II: Lantibiotic synthesis using differentially protected orthogonal lanthionines, \$79,287 (2 years).

- **ADDITIONAL**

Service on Society Subcommittee

Gary Ervin was invited to serve on a new College & University Education Subcommittee under the Education and Outreach Committee for the International Society of Wetland Scientists.

Session Organizer at International Meeting

Gary Ervin was invited to serve as a session organizer and co-chair at the 5th World Congress on Allelopathy to be held September 21- 25, 2008, at the Saratoga Hotel and Conference Center in Saratoga Springs, NY.