

ROBIN M. STERNBERG

NRC Postdoctoral Research Associate

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Education:

B.S., Biology, Saint Louis University, St. Louis, MO, 1998

B.A., Mathematics, Saint Louis University, St. Louis, MO, 1998

M.S., Wildlife Ecology and Conservation, University of Florida, Gainesville, FL, 2001

Ph.D., Environmental Toxicology, North Carolina State University, Raleigh, NC, 2007

Employment:

2007 – Present NRC Postdoctoral Research Associate, EPA, MED Duluth

2002 – 2007 Graduate research assistant, North Carolina State University, Raleigh, NC

2002 (Jan-Jun) Adjunct faculty, Department of Natural Sciences, Santa Fe Community College, Gainesville, FL

2001 – 2002 Editorial assistant to editor-in-chief of *Oecologia*, Craig W. Osenberg, University of Florida, Gainesville, FL

1998 – 2001 Graduate teaching assistant, University of Florida, Gainesville, FL

Research / Administrative Interests and Skills:

Aquatic toxicology; endocrine disruption; endocrinology of molluscs and anuran larvae.

Professional Societies:

2001 – Present Society of Environmental Toxicology and Chemistry

2006 – Present Society of Toxicology

Selected Appointments/Honors/Major Awards:

2003 3rd Place, Best Student Platform Presentation, Carolinas SETAC

2001 Best Student Paper, Session A, Annual Meeting of the Florida Chapter of the Wildlife Society

2000 Agricultural Women's Club Scholarship, University of Florida

1998 Francis Regan Scholarship, Department of Mathematics, Saint Louis University

Selected Publications:

Hotchkiss AK, Sternberg RM, Leblanc GA. In press. Environmental cues trigger seasonal regression of primary and secondary sex organs of the mud snail, *Ilyanassa obsoleta*. *Journal of Molluscan Studies*.

Sternberg RM, Hotchkiss AK, Leblanc GA. In press. The contribution of steroidal androgens and estrogens to reproductive maturation of the eastern mud snail *Ilyanassa obsoleta*. *General and Comparative Endocrinology* (2008), doi:10.1016/j.ygcen.2007.12.002

Sternberg RM, Hotchkiss AK, Leblanc GA. 2008. Synchronized expression of retinoid X receptor mRNA with reproductive tract recrudescence in an imposex-susceptible mollusc. *Environmental Science and Technology* 42: 1445-1351.

Sternberg RM and LeBlanc GA. 2006. Kinetic characterization of the inhibition of acyl coenzyme A: steroid acyltransferases by tributyltin in the eastern mud snail (*Ilyanassa obsoleta*). *Aquatic Toxicology* 78 (1): 233-242.

LeBlanc GA, Gooding MP, Sternberg RM. 2005. Testosterone-fatty acid esterification: A unique target for the endocrine toxicity of tributyltin to gastropods. *Integrative and Comparative Biology* 45 (1): 81-87.

Janer G, Sternberg RM, LeBlanc GA, Porte C. 2005. Testosterone conjugating activities in invertebrates: are they targets for endocrine disruptors? *Aquatic Toxicology* 71 (3): 273-282.