

# Elizabeth Hodges Snyder

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## **EDUCATION**

### **Doctorate of Philosophy in Soil and Water Science, Dept. of Soil and Water Science, May 2009**

School of Agriculture and Life Sciences, University of Florida

Alumni Fellowship Recipient – four year full fellowship

William K. Robertson Fellowship, 2005

### **Master of Public Health, Global Environmental Health (GEH) Program, Summer 2004**

Rollins School of Public Health (RSPH), Emory University

Global Field Experience Grant Recipient, 2003

### **South Texas Environmental Education and Research Program, May 2003**

University of Texas Health Science Center at San Antonio

Environmental medicine/environmental public health education: 160 hours

### **Bachelor of Health Sciences, Rehabilitation Counseling, August 2002**

College of Public Health and Health Professions, University of Florida

Florida Bright Futures Scholarship – four year full scholarship

## **INTERNATIONAL EXPERIENCE**

**Valencia, Venezuela.** Conducted Masters thesis research in Valencia and San Jose Mapuey.

Collaborated with University of Carabobo. 2004.

**Taipei, Taiwan.** Lived in Taipei and attended Taipei American School (TAS). 1991-1992.

**Islamabad, Pakistan.** Lived in Islamabad and attended the International School of Islamabad (ISI). 1988-1991.

**Other International Travel.** Bermuda, China, England, Germany, Hong Kong, Jamaica, Mexico, Philippines, Scotland, Singapore, and Thailand.

## **PROFESSIONAL EXPERIENCE**

**Assistant Professor of Public Health,** Department of Health Sciences, University of Alaska Anchorage. August 2009-present.

**Co-Instructor,** Survey of Water, Soil, and Public Health. Joint graduate/undergraduate course offering in the Soil and Water Science Department and the Public Health Program, University of Florida. Design and deliver 75% of lectures, maintain course Webpage, coordinate guest speakers, design test questions and homeworks, grade assignments, and assist students. Spring 2008.

**Radiation Safety Officer**, Soil Chemistry Lab, Soil and Water Science Department, University of Florida. Maintain inventory records, conduct swipe tests, and train new radiochemical users. Fall 2007-Spring 2009.

**Teaching Assistant**, Soils and Public Health (new course offering). Joint graduate/undergraduate course offering in the Soil and Water Science Department and the Public Health Program, University of Florida. Co-develop course syllabus, design and maintain course webpage, design and deliver 30% of lectures, coordinate guest speakers, design test questions and homeworks, grade assignments, and assist students. Spring 2007.

**Intern Researcher**, The Procter & Gamble Company, Cincinnati, Ohio. Conduct laboratory-based research on biosolids-borne Triclocarban. Summer 2006.

**Teaching Assistant**, Soils for Environmental Professionals Lab, Soil and Water Science Department, University of Florida. Design and deliver lectures, design and direct lab experiments, design test questions, grade assignments, and assist students. Fall 2005.

**Teaching Assistant**, Soils for Environmental Professionals, Soil and Water Science Department, University of Florida. Maintain and update course webpage, design test questions, grade assignments, and assist students. Spring 2005.

**Withlacoochee River Basin Project Coordinator**, Florida Defenders of the Environment, Gainesville, Florida. Research grant opportunities, design water quality regulations educational material, and attend community meetings. Summer 2005.

**Research Assistant**, GEH Department, RSPH, Emory University. Coordinate meetings and interactions between RSPH, the National Center for Environmental Health (NCEH), and Centers for Disease Control and Prevention (CDC). Contact and assist invited speakers for GEH Department. Fall 2003.

**University of Florida Gymnast**, University of Florida Athletics. Team competitor. 1998-1999.

## **VOLUNTEER SERVICE**

**Speaker Series Chair**, Wetlands Club, University of Florida. Conduct committee meetings and direct speaker scheduling, venue reservation, venue preparation, advertisement, post-lecture gatherings, and donation procurement. 2006.

**REHAC Co-President**, Rollins Environmental Health and Action Committee, RSPH, Emory University. Coordinate and lead activities, meetings, and volunteer efforts related to the environment and public health. Activities include environmental impact reduction efforts, awareness campaigns, tree plantings, and local community improvement initiatives. 2003-2004.

**Recreational Therapy Volunteer**, North Florida Rehab and Specialty Care Center. Deliver sensory stimulation, visit with residents, organize weekly men's group meetings, and help a particular resident to paint using her mouth. 2001-2002.

**Physical Therapy Volunteer**, Illuminations Clinic. Observe physical therapy sessions, maintain sanitary and orderly clinic conditions, set up equipment, and prepare ice and heat packs. 2001.

**Neonatal Intensive Care Unit (NICU) Volunteer**, Shands Hospital. Stock cribs, rock infants, feed infants, and provide nurturing physical contact. 2000.

## **FUNDED RESEARCH**

**US EPA Office of Wastewater Management.** In collaboration with the Procter & Gamble Company. Project title: Fate and transport of biosolids-borne Triclocarban. \$87,400 matching funds. 2005-2009. Dissertation. (PI: George O'Connor)

**Florida Department of Agriculture and Consumer Services (DACs).** Project title: Literature review, volume I: Organic veterinary chemicals important in land-applied manure. \$2,000. 2005. (PI: George O'Connor)

**RSPH Global Field Experience Grant.** Project title: Pesticide exposure behaviors in a rural farming community in Venezuela. \$2,000. 2003. Masters Thesis. (Advisor: Rick Rheingans)

## **SKILLS**

**Research Grant Proposals** – Wrote/co-wrote and received funding for 3 graduate research projects.

**Institutional Review Board (IRB) Submission** – Wrote and received IRB approval for a rapid community assessment survey. 2003.

**Computer Experience** – ArcView, EpiInfo, Excel, PowerPoint, DreamWeaver, SAS, SPSS, and XCalibur.

**Analytical/Laboratory** – Accelerated Solvent Extraction (ASE), HPLC/MS/MS, Liquid Scintillation Counting (LSC), Radio Thin-Layer Chromatography (RAD-TLC), and Rapid Flow Analysis (RFA). Experience designing and constructing multiple aeration manifolds for biodegradation analyses.

**Journal Manuscript Review** – Reviewed manuscript submitted to Environmental Science & Technology. 2008.

## **PROFESSIONAL AFFILIATIONS**

**Soil Science Society of America (SSSA)**

**Society of Environmental Toxicology and Chemistry (SETAC)**

**National Environmental Health Association (NEHA)**

## **PRESENTATIONS**

### **Oral Presentations**

Snyder, E.H., O'Connor, G., McAvoy, D. Fate and transport of biosolids-borne Triclocarban. Presented at the SETAC North America 29th Annual Meeting, 2008.

Snyder, E.H. Soils and public health. Presented at the Global Connections Between Earth Sciences, Health, and Policy: A Symposium in Celebration of the International Year of Planet Earth, 2008. The National Academies. (Invited)

Snyder, E.H., O'Connor, G., McAvoy, D. Risk assessment of biosolids-borne Triclocarban. Presented at the ASA-CSSA-SSSA Annual Meeting, 2008.

Snyder, E.H., O'Connor, G., McAvoy, D. Fate and transport of biosolids-borne Triclocarban. Presented at the ASA-CSSA-SSSA Annual Meeting, 2007.

Snyder, E.H. and McAvoy, D. Fate and transport of biosolids-borne Triclocarban. Presented at the Procter & Gamble CPS-Env. Intern Meeting, 2006.

### **Poster Presentations**

Snyder, E.H., O'Connor, G., McAvoy, D. Environmental transport of biosolids-borne Triclocarban. Presented at the University of Florida Water Institute Symposium, 2008. First-place finish in student poster competition.

Snyder, E.H., O'Connor, G., McAvoy, D. Fate and transport of biosolids-borne Triclocarban. Presented at the World Congress of Soil Science, 2006.

Snyder, E.H. and O'Connor, G. A new graduate course at the University of Florida: Soils and public health, 2006. Presented at the World Congress of Soil Science, 2006.