

Susan M. Welch
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Interests and Qualifications

- Primary areas of interest are the relationship between science and policy in environmental management, and the combination of participatory methods and stakeholder involvement with science-based policy and management approaches.
- Coursework in MA program in Public and Private Environmental Management at the Freie Universität in Berlin, Germany has included Environmental Law, Public Environmental Management and Corporate Environmental Management.
- Planned thesis topic is a comparison of participatory methods in water management examining several case studies.
- Years of experience in human biomonitoring of trace environmental contaminants.
- Additional interests are in ecotoxicology and environmental health.
- Excellent writing and research skills, experience at giving presentations, familiar with Word, Excel, PowerPoint.

Experience

National Center for Environmental Health, Centers for Disease Control and Prevention, Chamblee, Georgia; Chemist, Organic Analytical Toxicology Branch, 2002-2007
Quantitative analysis of trace levels of persistent organic pollutants in human serum using high resolution gas chromatography/high resolution mass spectrometry. Also participated in method development for new compounds and developed new techniques including GCxGC-high resolution mass spectrometry.

National Center for Environmental Health, Centers for Disease Control and Prevention, Chamblee, Georgia; Associate Service Fellow, Toxicology Branch, 2000-2002
Quantitative analysis of trace levels of persistent organic pollutants in human serum using high resolution gas chromatography/high resolution mass spectrometry.

National Center for Environmental Health, Centers for Disease Control and Prevention, Chamblee, Georgia; ORISE Research Fellow, Air Toxicants Branch, 1998-2000
Applied purge and trap-GC/MS to measure levels of more than thirty volatile organic compounds in human whole blood samples.

Education

Pursuing MA in Public and Private Environmental Management at Freie Universität Berlin, Germany (anticipated completion late 2010).

Master of Science, Chemistry; December 1996; Emory University, Atlanta, Georgia.

Bachelor of Science, Chemistry, December 1990; Gordon College, Wenham MA.