

Doctoral Research Assistantship in Soil and Water Chemistry

A Ph.D. Research Assistantship is available in the Soil and Water Chemistry Lab (Soil and Water Sciences department) at the University of Florida in Gainesville, FL. Research will focus on the fundamentals of contaminant (nutrients, emerging contaminants, etc.) interactions with environmental surfaces, providing information to industry, regulators and government to inform sustainable waste and land management. This includes general topics such as investigating binding mechanisms influencing the mobility and fate of organic and inorganic contaminants in soil and water systems of public concern and identification of alternate waste and land management practices to reduce the flux of contaminants into and out of terrestrial ecosystems. Work will largely be conducted in a laboratory setting but may include field and greenhouse work as needed. Field and greenhouse work will involve periods of working under hot and humid conditions.

A Master's degree in soil science, environmental chemistry, chemistry, environmental science or a related discipline from an accredited institution and experience in metals analysis, organics analysis, FTIR, NMR, ecotoxicology and/or XAS is desirable.

Interested candidates should contact Dr. Jonathan Judy (jonathan.judy@ufl.edu) for additional information. Complete application packets are due Jan. 15, 2018. Details regarding application are at soils.ifas.ufl.edu/academics/graduate-studies/apply.