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 (e.g. per- and polyfluorinated alkyl substances or PFASs) 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 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.

A Master’s degree in soil science, environmental chemistry, chemistry, environmental science or a related discipline from an accredited institution, knowledge of and experience with biosolids and waste residuals and experience with organics analysis, XAS and/or laboratory techniques related to soil/environmental science is desirable. The successful candidate for this position will have excellent letters of recommendation.

Interested candidates should contact Dr. Jonathan Judy (jonathan.judy@ufl.edu) for additional information. The expected applicant would ideally start Spring 2020, though starting Fall 2020 may be a possibility for an extremely well-qualified candidate. Details regarding application are at soils.ifas.ufl.edu/academics/graduate-studies/apply.