Ph.D. position available – Sustainable nutrient management and soil health in vegetable systems

A Ph.D. graduate assistantship is available at the University of Florida to work on sustainable nutrient management and soil health in vegetable systems. The research will focus on how to optimize nutrient management and promote soil health in vegetable production of Northern Florida, using legume cover crops, organic amendments and other management practices. The research will combine different experimental approaches and focus on several indicators of crop productivity, nutrient cycling, and soil health, with a strong emphasis on carbon, nitrogen and phosphorus cycling. The exact scope of the research will be determined in collaboration with the successful candidate, based on their qualifications and interests in addition to current projects in the lab (see examples of recently funded projects here and here).

A strong background in biogeochemistry, soil science and/or plant sciences, with a MS degree in a related field, is preferable. Experience in conducting independent research in a field and/or lab setting, including statistical analysis and publication of experimental results, is also desirable. The research will include field work conducted in hot and humid conditions during the Florida summer, and candidates should be comfortable working in these conditions.

A graduate assistantship is available to support this position for four years – stipend, tuition waiver, and health care coverage. The expected start date is Fall 2021, at the University’s main campus in Gainesville (FL). Complete application packets are due by January 4, 2020. Instructions on how to apply to graduate school in the Soil and Water Sciences Department can be found at https://soils.ifas.ufl.edu/academics/graduate-studies/apply/.

If interested, contact me directly at maltaislandryg@ufl.edu. For more information on the lab, visit https://soils.ifas.ufl.edu/sustainable-nutrient-management-systems/. 

The Foundation for The Gator Nation
An Equal Opportunity Institution