

Position – Postdoc position in soil biogeochemistry/microbiology at University of Tennessee

The **Department of Biosystems Engineering and Soil Science** at the **University of Tennessee, Knoxville** is seeking to fill a postdoctoral level position in Soil Biogeochemistry or Microbiology to research the biotic and abiotic controls on soil nitrogen cycling in agro ecosystems under long-term (>30 years) experimental treatment. Research is field and lab based, primarily consisting of quantifying and modeling the biological and physical mechanisms of nitrogen retention and greenhouse gas fluxes, and is associated with a USDA-funded project on these subjects.

The position is full time and offers a competitive salary and benefits commensurate with experience. The initial appointment is for 12 months, and renewable based on performance.

A Ph.D. in Ecosystem Ecology, Soil Microbiology, Environmental Chemistry, Microbial Ecology or similar with a strong foundation in biogeochemistry, microbial ecology, soil physics and chemistry is required. Experience with any of the following: quantitative modeling, isotope tracers, soil trace gas measurement, and/or quantitative PCR techniques is desired. This position requires working independently and constructively in teams through performing original research, report writing, meeting participation, and interdisciplinary collaboration. Field sites include the East and West Tennessee Research and Education Centers, part of the UT Institute of Agriculture AgResearch network. The applicant will have opportunities to collaborate with scientists at USDA-Agricultural Research Service, the Natural Resources Conservation Service, National Soil Survey Center, and University of Nebraska.

Applications will be reviewed starting on **April 15, 2015** and the position will remain open until filled. For more information on this position, and how to apply, please contact one of the PIs: Sean Schaeffer (sschae5@utk.edu) or Jennifer DeBruyn (jdebruyn@utk.edu).

The Department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching and service. The University of Tennessee is an Equal Opportunity Affirmative Action employer.