

POSITION ANNOUNCEMENT

POSITION: Assistant Professor in Soil Microbial Ecology
9-month; 70% Research, 30% Teaching

LOCATION: Department of Crop and Soil Science, NC State University

SALARY: Commensurate with training and experience

DATE POSITION OPENS: April 9, 2024

DEADLINE FOR APPLICATIONS: June 28, 2024 or when a suitable applicant is identified

The Department of Crop and Soil Sciences seeks a tenure-track Assistant Professor with specific expertise in Soil Microbial Ecology with an emphasis on molecular approaches. The position is critical to both departmental teaching and research mission. We anticipate that the successful candidate will develop a multi-faceted research program focused on microbial community composition, metabolic capability, and interspecies interactions that apply “-omics-based” experimental approaches, including metabolomics, metagenomics, proteomics, and transcriptomics, in soil environments, including in urban, agricultural, or contaminated settings. Due to the complexity of soils, specialized approaches and knowledge are needed to approach the bioinformatic and technological issues associated with the application of these techniques to the soil ecosystem and environment. The position would have a primary focus on understanding the mechanisms of microbially mediated transformations and fluxes of soil carbon in the context of climate change but would also be expected to contribute to the department’s and university’s mission through studies on nutrient and contaminant cycling in soil. Teaching duties associated with the position include an undergraduate soil microbiology class and a new graduate class that will focus on ecology and manipulation of beneficial soil microbial communities, as well as the mentoring of graduate and undergraduate students. A Ph.D. or equivalent degree in soil science, environmental microbiology, or a related discipline with extensive research experience is required.

Inclusiveness and diversity are academic imperatives and thus are university goals. We are particularly interested in candidates who have experience working with students from diverse backgrounds and a demonstrated commitment to improving access to higher education for students from underrepresented groups.

The application should be submitted at <https://jobs.ncsu.edu/postings/200116> and should include a brief description of their proposed research activities, statement of teaching philosophy, curriculum vitae, and the names and contact information of three references. Screening will begin on June 28, 2024 and will continue until the position is filled. Additional questions should be directed to Dr. Owen Duckworth, Chair of the Search Committee at owen_duckworth@ncsu.edu, North Carolina State University, Campus Box 7620, Raleigh, NC 27695-7619; Telephone: (919) 513-1577. Additional information about the department can be found at: <https://cals.ncsu.edu/crop-and-soil-sciences/>.

NC State is an equal opportunity and affirmative action employer. Women and members of other underrepresented groups are encouraged to apply. In addition, NC State University welcomes all persons without regard to sexual orientation or genetic information. We welcome the opportunity with candidates to identify suitable employment opportunities for spouses or partners.