

POSITION ANNOUNCEMENT

POSITION	Post-Doctoral Scholar, Soil and Environmental Microbial Ecology
LOCATION	Department of Soil Sciences North Carolina State University Raleigh, NC 27695-7619
JOB RESPONSIBILITIES: (Nature of Research) <i>Example Illustration</i>	We seek an exceptional Post-Doctoral Scholar to conduct independent research in the growing interdisciplinary field of soil and environmental microbial ecology. This basic research seeks to understand the ecosystem processes that are mediated by crop, soil, and environmental inhabiting microbial communities. In addition to standard microbiological and analytical techniques used in crops and soil sciences, activities will include the characterization of bacterial and fungal associations by using light, scanning and confocal microscopy, gas chromatography, molecular and genomics/post genomics techniques, bioinformatics and statistics. The project may also have a geochemistry component that focuses on analytical methods, using electron microscopy, X-ray spectroscopy, and diffraction techniques. Related activities include laboratory work; supervising graduate students; data analysis; maintenance and calibration of laboratory equipment; report, manuscript and proposal preparation; and presentation of research at local, regional, and national meetings. Opportunities exist to interact closely with a group of accomplished intramural and extramural collaborators, including at collaborating academic institutions and the USDA ARS facilities.
QUALIFICATIONS:	Ph.D. degree in Soil Science, Agronomy, or closely related discipline. Demonstrated excellence in metagenomics and bioinformatics. Demonstrated interest in pursuing a career in soil microbial ecology. Excellent written and oral communication skills. Ability to work independently and as a team member.
STIPEND AND FEES:	Annual stipend is \$40,000 to \$45,000 for a Post-Doctoral Scholar. Under the Post-Doctoral Scholar Support Plan, in-state tuition and health insurance are covered.
HOW TO APPLY:	Send your 1) CV inclusive of publications, awards, and laboratory experience; 2) a cover letter discussing your experience with soil and environmental microbial ecology, experimental qualifications, research interests and motivations for this position; and 3) the names of three references to Terrence Gardner (tggardne@ncsu.edu). This position is currently open and will preferably have a start date on or before August 1, 2016. For further details about this position contact Dr. Terrence G. Gardner, Assistant Professor North Carolina State University Tggardne@ncsu.edu
DATE AVAILABLE:	Immediately
North Carolina State University is an equal opportunity, affirmative action employer and actively seeks diversity among its employees.	