

POSITION ANNOUNCEMENT

Campus Box 7619
Raleigh, NC 27695-7619

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POSITION	Post-doctoral Associate Rhizosphere Ecology and Plant-Microbe Interactions
LOCATION	Department of Soil Science, North Carolina State University, Raleigh, NC 27695-7619
JOB RESPONSIBILITIES:	<p>A 3-year post-doc in Soil Science Department at North Carolina State University is available to investigate root and rhizosphere carbon contributions from legume cover crops in organic farming systems as part of a recently-funded USDA Organic Transitions program grant. We seek a broadly trained rhizosphere ecologist with skills in microbial ecology, agriculture, soil science, biogeochemistry and/or global change ecology. Specific research activities will include quantification of cover crop root carbon, soil nutrient concentrations, particulate organic matter C and N fractions, rhizosphere C allocation, and possibly soil microbial diversity of rhizosphere soils. The post-doc will be expected to work closely with our laboratory manager to oversee field and lab activities related to the project, help supervise graduate student and undergraduate work, as well as carry out and publish independent research. We require strong organizational and managerial skills, ability to be a team-player, and dedication to producing excellent scientific results. There is also the opportunity to be involved in a professional development graduate student and post-doctoral level training program to better prepare agriculture professionals to work directly with organic growers in extension.</p> <p>Our lab includes a diverse group of researchers interested in how ecological and organic management techniques affect various aspects of soil quality and microbial activity. Review of applications will begin in December, 2010. Pending University approval, this position should be available January, 2011.</p>
QUALIFICATIONS:	We welcome inquiries from enthusiastic and dedicated individuals with a Ph.D. in ecology, biology, agronomy, soil science, biochemistry, or related discipline. Experience with sustainable agriculture practices is a plus.
SALARY:	Contingent on experience
HOW TO APPLY:	For further details about this position contact, with a current C.V.: Dr. Julie Grossman, Assistant Professor; North Carolina State University Department of Soil Science, E-mail: julie_grossman@ncsu.edu ; Grossman lab: http://www.soil.ncsu.edu/lockers/Grossman_J/index.html .
DATE AVAILABLE:	Spring 2011

North Carolina State University is an equal opportunity, affirmative action employer and actively seeks diversity among its employees.