



Microbial Ecologist, GS- 11

Appalachian Farming Systems Research Center Beaver, WV

The Appalachian Farming Systems Research Center at Beaver, WV, is seeking a soil microbial ecologist to conduct interdisciplinary research in Appalachian pasture systems. This is a 2 Year, full-time position. Citizenship restrictions apply. A recent Ph.D. is required (Microbial Ecology, Soil Science, Microbiology, Molecular Biology, or other closely related field). Research efforts will focus on determining the effects of plant diversity and root exudation patterns on microbial populations relevant to P availability and SOM transformations in pasture soils. The incumbent will contribute to team research investigating biogeochemical cycles, root-soil interactions, and rhizosphere ecology in pasture systems. Skill in molecular genetic (e.g., DGGE, T-RFLP) and biochemical (PLFA, soil enzyme) approaches to characterizing soil communities required. Skill in analysis of soil, plant, and water samples, knowledge of P and SOM dynamics, and knowledge of ecological principles as they apply to the plant-soil interface are highly desirable. Appointment will be at the GS-11 level (\$51,972-\$67,567, per annum). Comprehensive benefits package included for more information please visit: <http://www.usajobs.opm.gov/ei61.asp>

Please send application materials and the name/contact information for three references to

Dr. Katherine O'Neill
USDA, Appalachian Farming Systems Research Center
1224 Airport Rd, Beaver WV 25813
Phone: (304) 256-2808
katherine.oneill@ars.usda.gov.
Project URL: <http://www.ars.usda.gov/Main/docs.htm?docid=6781>

Additional information about the position can be obtained at:
<http://www.afm.ars.usda.gov/divisions/hrd/hrdhomepage/vacancy/pstdclst.htm> (Position # **RA-06-089L**). USDA/ARS is an Equal Opportunity Employer.