

Research Position in Microbial Ecology, U.S. Geological Survey, National Center, Reston, Virginia.

The U.S. Geological Survey (<http://water.usgs.gov/nrp/>) seeks candidates for a full-time permanent research position in microbial ecology at the GS-11, GS-12 or GS-13 grades. This is an interdisciplinary position and may be filled under any of several job series: Geologist / Microbiologist / Microbial Ecologist / Soil Scientist. Grade and salary (in the range of \$60,000 to \$100,000) will be based on education and experience. Prior to starting employment with the USGS, a successful applicant will have demonstrated educational and research accomplishments, through the obtainment of a Ph.D or equivalent doctoral degree, or through equivalent experience and knowledge, in a field related to microbial ecology or environmental microbiology. Environments of interest include surface water, ground water and soils, in disturbed and pristine terrains. The selected individual will formulate and execute laboratory and field studies in order to determine the identity and characteristics of microorganisms involved in microbial transformations, and to measure reaction rates and pathways of microbial processes in these environments. By characterizing the microbial diversity and functional capability of microbial communities, the ultimate goal of the research is to establish an understanding of microbial processes that impact water quality, ecological habitats, and other natural resources. A full range of observational and experimental techniques in both the laboratory and the field is applied to the research problems. Tools and techniques used include molecular methods, such as qPCR and DNA fingerprinting, microarray technology, and stable isotope probing techniques.

The on-line vacancy announcement contains additional information regarding these and other qualifications requirements. The opening date of this vacancy announcement is October 16, 2011. Applications (resumes and questionnaire responses) must be received online BEFORE midnight Eastern Time on the closing date of the announcement (December 1, 2011). It is important that candidates view the Vacancy Announcement in its entirety to be sure that all required documents are submitted. Incomplete application packages cannot be considered.

For further information, please contact: Edward Landa, 703-648-5898, erlanda@usgs.gov, Harry Jenter, 703-648-5916, hjenter@usgs.gov, or Pierre Glynn, 703-648-5823, pglynn@usgs.gov in the Branch of Regional Research, or Aleecia Leyba, 303-236-9573, aleyba@usgs.gov, Human Resources Specialist.

After the opening of the vacancy on or about Oct. 16, 2011, the vacancy announcements should be found on the Office of Personnel Management's USAJOBS website at www.usajobs.opm.gov. *{Please note: The website will be down during the period October 1-12, 2011}.*

The Vacancy Announcement numbers are:

- ATL-2011-0745 - DEU (Open to all US Citizens), and
- ATL-2011-0744 - Merit Promotion (for current or former Federal employees with competitive status or who are eligible under a special appointing authority such as VRA, Severely Physically Disabled, Returning Peace Corp Volunteers and VEOA eligibles.)

U.S. citizenship is required. The USGS is an Equal Opportunity Employer.