

Assistant Professor in Soil Microbiology

University of California, Riverside

The Department of Environmental Sciences at the University of California, Riverside invites applications for a tenure-track position in Soil Microbiology at the rank of Assistant Professor. The position has 75% Instruction and Research and 25% Organized Research in the Agricultural Experiment Station (<http://cnas.ucr.edu/about/aes/>). The successful candidate will develop a nationally recognized research program in Soil Microbiology encompassing but not limited to one or more of the following areas: cycling of macro and trace elements in agroecosystems and other managed or natural systems; microbe-plant interactions; basic and applied research in microbial transformations of legacy and emerging contaminants; microbial processes in greenhouse gas production and responses to climate change; development of antimicrobial resistance; and microbial ecology. The applicant should have training or knowledge in genomics, proteomics, next-generation sequencing, bioinformatics or other advanced approaches. The incumbent will be highly encouraged to collaborate with current faculty in related fields including soil and water sciences, environmental chemistry and toxicology, plant pathology, environmental microbiology, and atmospheric sciences. The successful candidate is expected to fully engage in the teaching mission of the department and university, including formal classroom instruction in the Environmental Sciences undergraduate and graduate programs (including mentoring of both M.S. and Ph.D. students). Teaching responsibilities will include an undergraduate class in soil or environmental microbiology; rotation in teaching a large introductory Environmental Science class; and graduate instruction in the candidate's area of specialty.

A Ph.D. in Soil/Environmental Microbiology, Environmental Science, Soil Science, Microbial Ecology, Environmental Chemistry, Environmental Toxicology, or related field, and a proven ability to conduct innovative research are required. Preferred qualifications include demonstrated experience in using genomics, sequencing, other molecular techniques, or bioinformatics in basic and applied research; strong background in soil, agroecosystems, and soil-plant nutrition relationships; and a record of high-quality scientific publications and excellent communication skills.

Evaluation of applications will begin on January 2, 2018, but the position will remain open until filled. Applicants should submit the following materials online at <https://aprecruit.ucr.edu/apply/JPF00843>: (1) a cover letter, (2) a curriculum vitae, (3) transcripts, (4) a statement of research and teaching interests, (5) a statement of contributions to diversity, and (6) three letters of recommendation (requested directly through our online application system). For more information about the position, please contact Dr. Jay Gan, Chair of the Search Committee, Department of Environmental Sciences, University of California, Riverside; jgan@ucr.edu.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

Advancement through the faculty ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years, each of which includes substantial peer input.

Additional information about the Department of Environmental Sciences can be found at: <http://envisci.edu/>.