Assistant Professor of Soil Chemistry

DESCRIPTION: The Department of Environmental Science and Technology at the University of Maryland located in College Park, Maryland seeks candidates for a 9-month tenure-track Assistant Professor in soil chemistry. The position is 60% research and 40% teaching.

POSITION SUMMARY: The successful candidate is expected to establish an externally funded, nationally and internationally recognized research program in environmental soil chemistry, with an emphasis on employing fundamental chemistry approaches to soil systems across various scales in the landscape. The overall research goal of this position is to develop a premier basic soil chemistry program that will integrate theoretical, experimental, and modeling approaches. Possible areas of research scholarship could include interactions of organic and inorganic compounds with soils; the chemistry and dynamics of soil organic matter; or redox chemistry in soils. The successful candidate will provide leadership and partner with faculty in the department, college, and university to use novel and advanced instrumentation to address fundamental and applied research questions of soil chemistry. The successful candidate will secure extramural funding, publish in top-tiered journals, advise graduate students, and collaborate with colleagues in other academic, state, and federal institutions. Teaching responsibilities of this position will include an undergraduate course in soil chemistry and a graduate level course in advanced soil chemistry. Additional opportunities are available to develop and teach or co-teach new courses with faculty in the department.

MINIMUM QUALIFICATIONS: An earned Ph.D. in soil chemistry, environmental chemistry, geochemistry, earth sciences, or related discipline, with a strong background of coursework and experience in both soil science and chemistry. The successful candidate must have completed a Ph.D. within the last five years. The candidate will possess education, training, and skill in theory and application of novel and advanced instrumentation techniques.

CLOSING DATE: For best consideration, applications should be received by August 16, 2019. The position will remain open until filled.

REQUIRED DOCUMENTS: Applicants should provide (1) a cover letter describing interests and qualifications for the position, (2) a curriculum vitae, (3) unofficial undergraduate and graduate transcripts, (4) two recent journal publications on soil chemistry topics using novel and advanced instrumentation techniques, and (5) names and addresses (mailing, email, telephone, and fax numbers) of four references. All applications must be submitted at https://ejobs.umd.edu (posting #103653). Direct weblink to apply: https://ejobs.umd.edu/postings/71215

QUESTIONS: Questions about the position can be directed to the Search Committee Chair, Dr. Gurpal Toor at 301–405–1215 or via email at gstoore@umd.edu.
ADDITIONAL INFORMATION

DEPARTMENT INFORMATION: The Department of Environmental Science and Technology has 26 faculty with expertise in soil science, ecology, and ecological engineering and has the highest number of undergraduate students in the College of Agricultural and Natural Resources. The departmental faculty are nationally and internationally recognized for their work on agricultural and environmental issues. The faculty in the department are strategically spread across four cross-disciplinary themes, including soil and watershed science, wetland science, ecological technology design, and ecosystem health and natural resources management. For additional information, see the website at www.enst.umd.edu

CAMPUS/COLLEGE INFORMATION: Founded in 1856, University of Maryland, College Park is the flagship institution in the University System of Maryland. Our 1,250-acre College Park campus is just minutes away from Washington, D.C., and the nexus of the nation’s legislative, executive, and judicial centers of power. This unique proximity to business and technology leaders, federal departments and agencies, and a myriad of research entities, embassies, think tanks, cultural centers, and non-profit organizations is simply unparalleled. Synergistic opportunities for our faculty and students abound and are virtually limitless in the nation’s capital and surrounding areas. The University has a diverse community of 39,000 students, 9,000 faculty and staff, and 352,000 alumni; all dedicated to the pursuit of Fearless Ideas. Our faculty includes 3 Nobel laureates, 2 Pulitzer Prize winners, 3 Emmy winners, and 2 Tony winners. The University is committed to attracting and retaining outstanding and diverse faculty and staff that will enhance our stature of preeminence in our three missions of teaching, scholarship, and full engagement in our community, the state of Maryland, and in the world. In addition to the renowned research enterprise and programs in academics, arts, and athletics, the university is committed to social entrepreneurship as the nation’s first “Do Good” campus. For additional information, see the website at www.umd.edu

DIVERSITY STATEMENT: The University of Maryland, College Park, an equal opportunity/affirmative action employer, complies with all applicable federal and state laws and regulations regarding nondiscrimination and affirmative action; all qualified applicants will receive consideration for employment. The University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, national origin, physical or mental disability, protected veteran status, age, gender identity or expression, sexual orientation, creed, marital status, political affiliation, personal appearance, or on the basis of rights secured by the First Amendment, in all aspects of employment, educational programs and activities, and admissions.