

Assistant'/Associate Professor in Plant & Soil Microbiome
Analysis
Texas Tech University

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Posted Feb. 16, 2024, set to expire Jun. 17, 2024

Job Title	Assistant'/Associate Professor in Plant & Soil Microbiome Analysis
Department	Plant & Soil Science https://www.depts.ttu.edu/pss/
Institution	Texas Tech University Lubbock, Texas
Date Posted	Feb. 16, 2024
Application Deadline	Apr. 15, 2024
Position Start Date	Sep. 1, 2024
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Plant Genetics
Job Website	https://www.depts.ttu.edu/hr/workattexastech/
Apply Online Here	https://www.depts.ttu.edu/hr/workattexastech/
Apply By Email	
Job Description	

The Institute of Genomics for Crop Abiotic Stress Tolerance, Department of Plant and Soil Sciences in the Davis College of Agricultural Sciences & Natural Resources at Texas Tech University invites applications for a 9-month tenure-track Assistant Professor/Associate Professor in plant and soil microbiome analysis to begin September 2024.

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EEO/AA Policy

Texas Tech is an Affirmative Action/Equal Opportunity Employer. We strongly encourage applications from women, minorities, persons with disabilities, and veterans, and we consider the needs of dual-career couples.

In line with TTU's strategic priorities to engage and empower a diverse student body, enable innovative research and creative activities, and transform lives and communities through outreach and engaged scholarship, applicants should have experience working with diverse student populations at the undergraduate and/or graduate levels within individual or across the areas of teaching, research/creative activity, and service.

As part of the TTU's strategic priorities, IGCAS seeks to recruit a 9-month tenure-track faculty member in Plant and Soil microbiome research at the Assistant or Associate Professor level, depending on the candidate's qualifications and experience. Candidates should have a strong background in 16s, meta-transcriptomic, and whole genome approaches for microbiome analysis. Experience using machine learning for microbial interaction networks and a strong fundamental knowledge of plant and soil microbiology is highly desirable. Applicants with experience in computational biology applied to microbiome analysis are encouraged to apply. The successful candidate should employ systems' biology-based approaches to study environmental stress responses from genome to phenome. Appointees are expected to develop an internationally recognized program of microbiome research linked to the use of genomic tools, combining fundamental research and education with applications to improve the environmental stress tolerance of crops, mainly but not limited to cotton, sorghum, or other crops relevant to West Texas agriculture.

Faculty at IGCAS will have access to the state-of-the-art plant growth facilities that integrate three fully automatized greenhouses and walk-in growth chambers and access to the state-of-the-art genomic, imaging, and metabolomic services available at the TTU. The position will focus on research with an anticipated teaching responsibility of one to two graduate courses per year, plus the training of graduate students and post-doctoral associates. Service duties include program-building, as well as a commitment to extra-curricular activities. Service to the department, college, and university is expected. Successful candidates are expected to publish in the top 10% of journals in their area of expertise.

Contact Information

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Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

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