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THE UNIVERSITY OF TEXAS
AT ARLINGTON



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Location

Arlington, Texas

Open Date

Sep 17, 2025

Assistant/Associate/Full Professor of Environmental Science - Earth & Environmental Science

The University of Texas at Arlington: College of Science: Earth & Environmental Science

Job Description

The Department of Earth and Environmental Science in the College of Science, at the University of Texas at Arlington, invites applications for a Rank of Assistant/Associate/Full Professor, for a tenure-track/tenured (TT/T) position in broadly construed areas related to environmental exposomics as part of omics cluster search at the College of Science. We seek a trained environmental scientist who complements the interdisciplinary nature of our geoscience and environmental science programs. While candidates from all sub-disciplines of environmental sciences and biogeochemical sciences are encouraged to apply, we are particularly interested in candidates with expertise in analytical environmental exposomics and/or data sciences including climate change, environmental health, and multi-omics.

Opportunities for collaboration exist within the department in the areas of geosciences, environmental chemistry and toxicology, environmental health, climate change, atmospheric chemistry, and with other research groups in the College of Science in the areas of data science or biochemistry. Our analytical strengths include the Shimadzu Institute for Research and Technologies such as the Center for Environmental, Forensics, and Material Science and an ultraclean laboratory within the Earth and Environmental Science building, as well as other facilities at the UTA Science & Engineering Innovation & Research (SEIR) building.

This position is expected to start September 1, 2026.

In accordance with USCIS regulations, successful applicants must be legally able to accept work in the United States.

About the Department

The department consists of groups of faculties who interact and collaborate within and between groups representing Earth and Environmental Sciences including atmospheric and environmental chemistry, environmental health, climate change and oceanography, geochronology, tracer hydrology, hydrogeology, paleoclimate, paleontology, and sedimentary geology. We offer both M.S. and Ph.D. graduate degrees in Earth and Environmental Sciences. Information on the EES program can be found at <http://www.uta.edu/ees/index.php>.

Located in the Department of Earth and Environmental Sciences, the Center for Environmental, Forensics, and Material Science encompasses the most up-to-date techniques for the study of major and trace element analysis, contaminant detection, and material structures. Instrumentation includes multiple X-ray platforms and electron microprobe analyzer, atomic absorption, inductively coupled plasma-mass spectrometry, Raman spectrometry, and Fourier transform infrared spectroscopy. The facility has applications in environmental science, geological science, and material engineering.

About the University

The University of Texas at Arlington is located in the heart of the Dallas-Fort Worth-Arlington metroplex, a vibrant and diverse metropolitan area that is home to over 7 million people, one of the fastest-growing tech economies in the United States, and a wide array of arts, entertainment, and cultural activities. UTA is a comprehensive teaching, research, and public service institution dedicated to the advancement of knowledge through scholarship and creative work. The University is committed to providing access and ensuring student success, and to a culture of innovation, entrepreneurship, and commercialization of discoveries by our community of scholars. With an enrollment of more than 40,000 students, UTA is the second largest in the University of Texas System. As a result of its combination of rigorous academics and innovative research, UTA is designated as a Carnegie R-1 “Very High Research Activity” institution. UTA ranks No. 4 nationally in Military Times’ annual “Best for Vets: Colleges” list and is among the top 30 performers nationwide for promoting social mobility of its graduates (U.S. News & World Report, 2023). UTA is designated by the U.S. Department of Education as both a Hispanic-Serving Institution (HSI) and an Asian American and Native American Pacific Islander-Serving Institution (AANAPISI), and it has one of the top 5 most ethnically diverse undergraduate student bodies in the United States (U.S. News & World Report, 2023). Its approximately 270,000 alumni, including some who occupy leadership positions at many of the 24 Fortune 500 companies headquartered in North Texas, contribute to UTA’s \$22.2 billion annual economic impact on Texas.

Furthermore, UTA is poised to experience widespread growth in the near future. The university recently launched the first phase of its RISE 100 initiative aimed at recruiting 100 new tenure-system faculty to amplify research standing and position UTA as a leader in key scholarly areas; more details are available at <https://www.uta.edu/administration/president/strategic-plan/rise100>. The successful candidate for this position will have the opportunity to join UTA during an exciting period of growth and contribute as the university broadens its impact.

Benefits at UTA

We are proud to offer a comprehensive benefits package to all our employees at the University.

To help applicants understand the full value of these benefits, we have created a tool that calculates the total worth of your compensation package. This tool takes into account all of the benefits that you are eligible for, including health insurance, retirement plans, and paid time off. To access this tool and learn more about the total value of your benefits as a UTA employee, please click on the following link: <https://resources.uta.edu/hr/services/records/compensation-tools.php>

Essential Duties and Responsibilities

- Research expectations: publishing research in peer-reviewed journals, acquiring research grants, and advising undergraduate and graduate students and postdocs in research.

- Teaching: Teach existing courses in Earth and Environmental Sciences, develop new courses, and develop innovative teaching methods utilizing teaching learning and development resources (e.g., UTA Center for Research on Teaching and Learning Excellence, or STEM Education Research Collaboratorium and Resource Center).
- Service duties: departmental committee work (e.g., organizing colloquia, graduate student admissions, or faculty hiring), service to the College of Science and the university, service to the community, and national service to research and education infrastructure.

Required Qualifications

- Have a doctoral degree in environmental science or in the geosciences.
- Have established scholarly work and mentorship in the area of environmental omics.
- Strong quantitative and qualitative data analysis skills.
- Willing to develop new and expand existing collaborations among faculty, researchers, and students within the Department of Earth and Environmental Sciences.
- Willing to Collaborate with faculty of the omics cluster in the College of Sciences, and cross the UTA campus, and around the globe.
- Will address topics of acute scientific interest and critical societal importance related to reliable sustainable energy, climate change impact and resilience, human health, and/or data science.

Application Instructions

To apply, applicants should go to (apply.interfolio.com/173665) and submit the following materials:

Required Documents

- Curriculum Vitae
- Cover Letter
- Contact References (provide one document with three contacts who may serve as recommenders). Confidential Letters of Recommendation are only required for shortlisted candidates and will be requested as the search progresses.
- Summary of current and proposed research (required three pages)
- Statement of teaching interests (required max. one page)

Review of applications will begin immediately and will continue until the position is filled.

Applicants are encouraged to apply early for the best consideration.

Questions may be addressed to Search Committee Andrew Hunt at hunt@uta.edu.

For more information about UTA, please visit: www.uta.edu.

Background Check Requirement

It is the policy of The University of Texas at Arlington to conduct a criminal background check on any applicant who is under final consideration for employment with the University.

UTA uses Interfolio to manage the application process. Need technical help? Contact [help and support](#).

Application Process

This institution is using Interfolio's Faculty Search to conduct this search. Applicants to this position receive a free Dossier account and can send all application materials, including confidential letters of recommendation, free of charge.

Equal Employment Opportunity Statement

It is the policy of The University of Texas at Arlington (UTA or The University) to provide an educational and working environment that provides equal opportunity to all members of the University community. In accordance with federal and state law, the University prohibits unlawful discrimination, including harassment, on the basis of race, color, national origin, religion, age, sex, sexual orientation, pregnancy, disability, genetic information, and/or veteran status. The University also prohibits discrimination on the basis of gender identity, and gender expression. Retaliation against persons who oppose a discriminatory practice, file a charge of discrimination, or testify for, assist in, or participate in an investigative proceeding relating to discrimination is prohibited. Constitutionally-protected expression will not be considered discrimination or harassment under this policy. It is the responsibility of all departments, employees, and students to ensure the University's compliance with this policy.

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ADA Accommodations

The University of Texas at Arlington is committed to providing reasonable accommodation to individuals with disabilities. If you require reasonable accommodation in completing this application, interviewing or otherwise participating in the employee selection process, please direct your inquiries to 817-272-5554 or email ADADocs@uta.edu.