



**The University of Texas at El Paso
College of Science – Department of Earth, Environmental and Resource Sciences
Assistant Professor – Earth Materials**

Position Description: The Department of Earth, Environmental and Resource Sciences at UTEP invites applications for a tenure-track faculty position in the field of Earth Materials, for fall 2022. Research interests may be in any area within the solid earth geosciences, including petrology, volcanology, mineralogy and related fields. We are most interested in applicants with expertise in state-of-the-art higher temperature mineralogical and petrological techniques and concepts that complement our existing programs in natural resources and economic geology, geophysics, geothermal energy, structural geology, and geochronology, among others. The candidate will be expected to attract research funding from external sources. The successful candidate will teach core geoscience courses such as igneous/metamorphic petrology, mineralogy and upper division or graduate courses in topics of their choice. Salary for this Assistant Professor position will be commensurate with experience.

The Department: The Department of Earth, Environmental and Resource Sciences at UTEP is a vibrant group of 22 faculty representing a wide variety of geology, geophysics, hydrology, environmental science, and geography expertise. The Department offers the following degrees: B.S. and M.S. in Geological Sciences, B.S. and M.S. in Environmental Science, B.S. and M.S. in Geophysics, and a minor in Geography. Our Ph.D. in Geological Sciences includes students with interests in any of these subdisciplines. We also support student training in cross-campus interdisciplinary Ph.D. programs, including the Environmental Science and Engineering, Computational Science, and Data Science Ph.D. programs and collaborate frequently with the Metallurgical and Materials Engineering program of the College of Engineering. The Department research portfolio addresses local to global challenges in the environment and natural resources fields while taking advantage of our regional geographic setting for research and education. Our integrative and collaborative efforts have resulted in research expenditures in excess of \$10M over the last five years.

The Department of Earth, Environmental and Resource Sciences occupies an attractive, 90,000-sq. ft. building containing offices, laboratories, and classrooms. We have mineral separation equipment, a multi-collector ICP-MS, an IRMS, variable-pressure SEM-EDS, scanning micro-XRF and bench-top XRD systems, and a Malvern particle size analyzer. The Department has a research computing lab with high-end workstations. Geophysical research infrastructure includes multiple surface and downhole geophysical tools and extensive computational and software resources. More information about the activities and facilities in the Department can be found at <https://www.utep.edu/science/geology/>. In addition, the collaborative research environment at UTEP affords access to a variety of analytical equipment in the Departments of Metallurgy and Materials Science, Chemistry, and Biological Sciences and the Nanomaterials Integration Lab. Interactions with the Center for Environmental Resource Management and other multidisciplinary research centers are encouraged. A new building dedicated to interdisciplinary research was completed in 2020.

About UTEP and El Paso: The University of Texas at El Paso is a Carnegie R1 and Community Engaged research university at the heart of the U.S.-Mexico border region that is increasing access to excellent higher education. UTEP enrolls nearly 25,000 students – 83% of whom are Hispanic and half of whom are the first generation in their families to attend college.

The city's border location makes it an ideal venue for academic programs and research studies on topics of national interest such as bilingual education/language acquisition, border environment and immigration, environmental sustainability and infrastructure, health disparities, and international trade and commerce.

The Paso del Norte region's center for intellectual capital, UTEP is one of the major economic engines in the region, adding \$1.4 billion to the local economy annually.

El Paso's active arts and culture community features the state's longest-running symphony orchestra, a nationally recognized chamber music festival, art galleries, museums, and a full schedule of seasonal events and festivals. UTEP adds to the arts and entertainment scene with an award-winning dinner theater, music and dance productions, contemporary and student art galleries, and a natural history museum.

For sports fans, the UTEP Miners offer exciting Division I college athletics at several campus venues including Sun Bowl Stadium, the Don Haskins Center, Kidd Field, University Field and the Helen of Troy Softball Complex. Southwest University Park, located a mile away in lively downtown El Paso, is home to the El Paso Chihuahuas, the Triple-A affiliate of the San Diego Padres, and the El Paso Locomotive, a professional soccer team founded in 2019.

Required Qualifications: The Department of Earth, Environmental and Resource Sciences is hiring a faculty member in the broadly-defined area of Earth Materials who is capable of teaching at the undergraduate and graduate levels, conducting fundamental research, building an active research portfolio, publishing in peer-reviewed journals, and mentoring students at all levels. A Ph.D. in Geology or a closely related field at the time of appointment is required.

Preferred Qualifications: Candidates with the ability and desire to build a vigorous, externally funded research program are encouraged to apply. A track record of peer-reviewed publications, attainment of research funding, and teaching experience is desirable. We are especially interested in applicants who have a demonstrated commitment to teaching, mentoring and advising students from diverse backgrounds. Demonstrated interdisciplinary research collaborations are valued as well.

Application Procedures: Review of applications will begin on November 15, 2021 and applications will continue to be reviewed until the position is filled.

Applications must submit the following:

- 1) letter of interest
- 2) curriculum vitae
- 3) description of research interests
- 4) description of teaching interests
- 5) description of how the applicant would approach broadening participation of underrepresented groups in the geosciences; and
- 6) complete contact information for at least three references.

To apply, please visit www.utep.edu/employment

Hiring decisions are based upon budget approval.

In keeping with its Access and Excellence mission, the University of Texas at El Paso is committed to an open, diverse, and inclusive learning and working environment that honors the talents, respects the differences, and nurtures the growth and development of all. We seek to attract faculty and staff who share our commitment.

The University of Texas at El Paso is an Equal Opportunity/Affirmative Action employer. The University does not discriminate on the basis of race, color, national origin, sex, religion, age, disability, genetic information, veteran status, sexual orientation or gender identity in employment or the provision of services