

DEPARTMENT OF GEOLOGICAL SCIENCES AND ENGINEERING

University of Nevada, Reno

Tenure Track Associate or Assistant Professor in Geological Engineering and related fields

The Department of Geological Sciences and Engineering (DGSE) invites applications for a tenure-track Associate or Assistant Professorship in Geological Engineering (GE), very broadly defined to include earthquake engineering, geophysics, hydrology and hydrogeology, remote sensing, rock, soil, and fault mechanics, sediment transport engineering, geophysical fluid dynamics, slope stability, design engineering targeted at sensing and exploring Earth and planetary systems, and other related fields. Applicants must have a PhD at the time of appointment and demonstrate commitment to both undergraduate and graduate instruction in the GE program as well as development of an externally-funded program of research in their specialty. Our ideal candidate is committed to pursuing outstanding research at the intersection of Earth science and engineering that strengthens our broad and interdisciplinary GE program, and will have at least one degree in an engineering-related field. Our current strengths include slope stability, environmental fluid dynamics, natural hazards, hydrogeology and rock mechanics. The undergraduate degree program in GE is ABET-accredited and the position requires assisting in the ongoing accreditation process and in continued development of the educational objectives of the GE program. The position also requires the ability to teach courses within the GE curriculum which demonstrates the relationship between geology and engineering. The applicant's resume should reflect the ability to fit into a well-respected GE program within a department that combines the geosciences and engineering. Although not required of applicants, successful completion of the Fundamentals of Engineering exam or professional engineering registration will be advantageous.

The Department is part of the Mackay School of Earth Sciences and Engineering, which also includes two additional teaching Departments, Mining and Metallurgical Engineering and Geography, and two state-funded Earth Science units, the Nevada Bureau of Mines and Geology and the Nevada Seismological Laboratory. We offer BS degrees in Geology, Geophysics, Hydrogeology and Geological Engineering. We offer MS degrees in Geology, Geophysics, and Geological Engineering, and PhD's in Geology, Geophysics and Mineral Resource Engineering (joint with Mining). DGSE faculty are an integral part of the interdisciplinary Graduate Program in Hydrologic Sciences (MS and PhD in Hydrology and Hydrogeology) and work closely with the Desert Research Institute. More information about the Department can be found at <http://www.unr.edu/geology>. Information specifically related to GE and ABET accreditation

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Applications are due by 11:59pm on November 25, 2019, and review will begin shortly after. We are expecting to fill the position by March 2020 with a start date of July 1, 2020.

The University of Nevada, Reno has a growing and increasingly diverse student population of approximately 21,000, including over 2,800 graduate students. The University of Nevada, Reno recognizes that diversity promotes excellence in education and research. We are an inclusive and engaged community and recognize the added value that students, faculty, and staff from different backgrounds bring to the educational experience. The city of Reno offers an excellent quality of life, with entertainment and cultural opportunities in excess of most cities of similar size. The city lies one hour from Lake Tahoe and four hours east of San Francisco in the valley of the Truckee River on the eastern slope of the Sierra Nevada, and has a mild high desert climate. A highly rated location for living and outdoor recreation, the Reno area also enjoys a flourishing and diverse intellectual, artistic, and cultural community.

Questions regarding the search may be addressed to the head of the search committee, Scott McCoy, scottmccoy@unr.edu.

The University of Nevada, Reno is an equal opportunity/affirmative action employer. We promote excellence through diversity and encourage all qualified individuals to apply.

Applications must be submitted online, <https://nshe.wd1.myworkdayjobs.com/UNR-external>, reference **R0118637**. Please include an application letter briefly addressing how your research and teaching experience meets the criteria set forth above, including your fit in our GE program and the department at large. A CV, Statement of Research Interests, Teaching Philosophy, Diversity Statement, and contact details for at least three references are required.