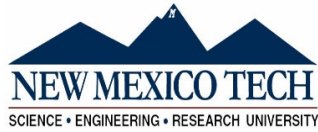


Posted: August 8, 2023



ASSISTANT/ASSOCIATE PROFESSOR OF MINERAL ENGINEERING

The Mineral Engineering Department at the New Mexico Institute of Mining and Technology (New Mexico Tech) invites applications for two tenure-track Assistant or Associate Professor positions in Mineral Engineering with a preferred start in the Spring 2024 (a 2024 Fall Semester start is also acceptable). One position is in the area of geomechanics and underground mining. The second position is focused on ventilation and health and safety. Required qualifications include [1] A Ph.D. in Mining Engineering; [2] an ability to establish an independent, externally funded, and collaborative research program supporting graduate and undergraduate students at a small institution; [3] an ability to teach courses at undergraduate level related to Mining Engineering, as well as graduate courses in the applicant's area of expertise; [4] an ability to support student academic success by engaging and encouraging students from diverse academic, socioeconomic, and cultural backgrounds. Salary and rank are commensurate with experience and qualifications aligned with the details in NMT's Policy and Procedure for Appointment, Promotion & Tenure.

The department promotes an outstanding educational environment for students; thus, applicants are expected to demonstrate an interest and commitment to excellence in teaching undergraduate and graduate courses. Applicants are expected to demonstrate potential for developing a high-quality research program that contributes to the advancement of our Mineral Engineering department. Applicants with expertise in mine ventilation, health and safety, or geomechanics, and underground mining are encouraged to apply.

Our department offers a highly collegial and collaborative culture with broad interdisciplinary research. The department's research strengths are in geotechnical and geomechanical engineering, mineral exploration and mineral economics, and health and safety. Opportunities exist to collaborate with the Mineral Engineering faculty and other faculty on campus from various programs. Opportunities to develop strong collaborations with nearby Sandia and Los Alamos National Laboratories exist.

We offer BS, MS, and Ph.D. degrees in Mineral Engineering. We look forward to learning how the applicant's values, experiences, or plans for teaching, research, and service would support our commitment to diversity, equity, and inclusion. We are a small, friendly department with leadership committed to enabling healthy work-life balance. We want to recruit new colleagues with enthusiasm for inclusive mentoring of graduate and undergraduate students.

The department has advanced and state-of-the-art laboratories for teaching and research in soil mechanics, rock mechanics, mine ventilation, health and safety, petrography, and geochemistry.

New Mexico Tech, a STEM-focused, public research institution, continues to top the College Factual rankings as New Mexico's Best College, College with the Best Academics, Best Value College, and New Mexico's Top Public University. NMT was also ranked the #4 Best Hispanic-Serving University in America. New Mexico Tech sends a higher fraction of its students on to graduate work than almost all other public institutions in the US. New Mexico Tech ranked among top 50 U.S. baccalaureate-origin institutions of S&E doctorate recipients from 2010–20. New Mexico Tech is a federally-designated Hispanic Serving Institution, and roughly 1/3 of our faculty and majors are female. The department and campus are small and collegial with roughly 1150 undergraduates and 450 graduate students in science and engineering. Socorro is a town of 9000 people one hour south of Albuquerque. It provides a low cost of living (median home price < 50% of US average) and surprising amenities for a town of its size. NMT supports work-life balance via extended tenure clocks for growing families and on-campus childcare.

For full consideration please apply by October 15, 2023. Applications will continue to be accepted until the position is filled. Candidates must apply by e-mail, attaching a **single PDF document** that incorporates **all** of the following: [1] cover letter stating how the applicant's experience, interests, and strengths align with the required qualifications of the position at New Mexico Tech; [2] curriculum vitae (CV); [3] research statement that includes interests and approach as well as specific research plans (3–6 pages); [4] teaching statement that includes instructional experience, a list of courses the applicant would be comfortable teaching, and approach to engaging and encouraging diverse populations of students (2 pages); and [5] a list of three to five professional references, including at least three who are willing to provide letters upon request. Please do not include transcripts, publications, or other materials not requested above. Materials should be sent to nmtjobapps@npe.nmt.edu c/o Rosa Jaramillo and copied to navid.mojtabai@nmt.edu, with “Mineral Engineering **faculty application 2024**” in the e-mail subject line. For additional information please contact the search committee chair, Dr. Navid Mojtabei (email: navid.mojtabai@nmt.edu).

New Mexico Tech is committed to creating a community in which a diverse population can learn, live, and work in an atmosphere of tolerance, civility, and respect for the rights and sensibilities of each individual. New Mexico Tech is an Equal Opportunity Employer. All those interested in the position are encouraged to apply, including women, individuals from marginalized groups, and persons with disabilities.

Excellent benefits (health, vision, dental), tuition fee waiver, a generous retirement plan, and access to a childcare center on campus.

New Mexico Tech is located in Socorro, in the scenic Rio Grande River Valley of central New Mexico, 75 miles south of Albuquerque with its many attractions, and 139 miles south of Santa Fe. Nearby mountains and desert canyons provide opportunities for excellent hiking, climbing, and mountain biking. The Bosque del Apache National Wildlife Refuge, located just south of Socorro along a major north-south flyway, offers some of the best birding in the USA.