

**Posted: July 31, 2018**



The New Mexico Institute of Mining and Technology (NMT) invites applications for two tenure-track, Assistant Professor positions: one in Volcanology and one in Geochemistry. Applicants should have a Ph.D. in Earth Sciences or a related field at the time of appointment. For the Volcanology position, we seek candidates with interests in one or a combination of the following research areas: igneous petrology, experimental petrology, volcanic gas geochemistry, remote sensing, physical or numerical modeling, volcano physics, physical volcanology, and/or volcanic hazards. For the Geochemistry position we seek candidates with interests in one or a combination of the following research areas: igneous petrochemistry, sedimentary geochemistry, geochemistry of ore deposits, geochronology, and/or isotope geochemistry. For both positions, potential for excellence in teaching and research are the most important qualifications. Responsibilities will include developing an active program of extramurally funded research, supervising and supporting M.S. and Ph.D. students, teaching graduate and/or undergraduate courses (3 courses total per year), and service to the Department, Institute, and at the national/international level.

NMT specializes in science and engineering education and research and has a present enrollment of approximately 2200 undergraduate and graduate students. The successful candidates will join the Earth and Environmental Science Department consisting of 16 faculty and about 50 undergraduate and 70 graduate students, with strong programs in Hydrology, Geophysics, and Geology/Geochemistry, and a history of interdisciplinary research. Additional geoscience professionals on campus include over 30 staff members of the New Mexico Bureau of Geology and Mineral Resources, plus faculty and researchers in the Petroleum Recovery Research Center and the IRIS PASSCAL Instrument Center. Analytical facilities on campus include the state-of-the-art New Mexico Geochronology Research Laboratory ( $^{40}\text{Ar}/^{39}\text{Ar}$ ), a stable-isotope laboratory, electron microprobe, SEM with CL, XRD, ICP-MS systems for trace-element analysis (including a laser-ablation ICP-MS), fission-track and cosmogenic isotope facilities and soil chemistry lab.

Applicants should submit a letter of interest, CV, statement of teaching and research interests, one representative publication, and the names of three references in a single pdf sent to Rosa Jaramillo ([nmtjobapps@npe.nmt.edu](mailto:nmtjobapps@npe.nmt.edu)) and copied to search committee co-chairs Ronni Grapenthin ([ronni.grapenthin@nmt.edu](mailto:ronni.grapenthin@nmt.edu)) and Peter Mozley ([peter.mozley@nmt.edu](mailto:peter.mozley@nmt.edu)). For full consideration please apply by October 1, 2018. Inquiries should be directed to the search committee chairs.

NMT 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. NMT is an Equal Opportunity Employer.

Excellent benefits (health, vision, dental), tuition fee waiver, and a generous retirement plan. New Mexico Tech is aware of the challenges of dual-career couples, and provides limited assistance to qualified individuals.

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.