

Assistant or Associate Professor of Geology or Geological Engineering

The Department of Geology and Geological Engineering at the South Dakota School of Mines and Technology invites applications for a nine-month tenure track position at the Assistant or Associate Professor level. We seek candidates specializing in hydrology, environmental geology or other field complementing department strengths, who have also demonstrated significant expertise in geographic information systems (GIS). The successful applicant should be able to teach/develop courses in their specialty and in GIS at both the undergraduate and graduate level, to advise graduate students, and to develop an externally funded research program. The department offers BS, MS, and Ph.D. degrees in Geology and Geological Engineering and a Minor in Geospatial Technology, with emphases in hydrology, geotechnics, petroleum, mineral resources, and paleontology. A completed Ph.D. in Geology, Geological Engineering or a closely related field is required. Nine-month salary range is commensurate with background and experience. This is a benefitted position.

The university is located in Rapid City, SD, within a diverse geological terrain. The Black Hills uplift lies within the northern Rocky Mountains, contains an historical gold mining region, and is flanked by the fossil-rich Badlands and the energy resource-rich Williston and Powder River basins. Our Black Hills Natural Sciences Field Station offers a variety of geology, geological engineering, paleontology, environmental and ecology field camps in the Black Hills, Turkey, Nepal, Iceland, and India. Additional facilities include a GIS/remote sensing laboratory, an InSAR laboratory, a rock mechanics laboratory, a biogeochemistry facility, and an Engineering and Mining Experiment Station with a variety of analytical capabilities. The department has a van-mounted Geoprobe, a photogrammetry system, and a laser scanner with analytical software. The department and the Museum of Geology have recently opened the James E. Martin Paleontology Research Laboratory to house its collection of 500,000+ fossil and mineral specimens. Collaborations with faculty in Civil and Environmental Engineering and in Atmospheric Sciences are encouraged.

The South Dakota School of Mines and Technology is a public state university offering bachelor, master's, and doctoral degrees in engineering and science. The University's research programs focus on the following four areas: Energy and Environment; Materials and Manufacturing; Underground Science and Engineering; and Science, Technology, Engineering, and Mathematics (STEM) Education. The School of Mines' approximately 2,300 students include traditional and non-traditional learners from 38 states and 32 countries. Located in Rapid City, South Dakota's second largest city, the University is only 25 miles from Mount Rushmore and the beautiful Black Hills. Rapid City enjoys a relatively mild climate, and the Black Hills offer year-round recreational opportunities. For more information about the School of Mines and Rapid City, visit: [www.sdsmt.edu](http://www.sdsmt.edu) and <http://visitrapidcity.com/>.

The School of Mines is committed to recruiting and retaining a diverse workforce. Individuals interested in this position must apply online at <http://sdmines.sdsmt.edu/sdsmt/employment>. Human Resources can provide accommodation to the on-line application process and can be reached at (605) 394-1203. Review of applications will begin February 1, 2012, and will continue until the position is filled. Employment is contingent upon completion of a satisfactory background investigation. This position is funded from general funds and is needed to support the educational and research missions of the university.

South Dakota School of Mines and Technology does not discriminate on the basis of race, color, national origin, military status, gender, religion, age, sexual orientation, political preference or disability in employment or the provision of service.