

Assistant, Associate or Professor
Chemical and Biological Engineering

The Department of Chemical and Biological Engineering (CBE) at the South Dakota School of Mines & Technology seeks exceptional candidates for tenure-track faculty positions at the rank of Assistant, Associate or Full Professor. Preference will be given to candidates with experience and research interest in: Advanced Materials (including Energetic Materials), Bioengineering, Traditional and Alternative Energy, and Sustainable Systems Engineering. Exceptional candidates with other research interests will also be considered. The department anticipates filling multiple faculty positions for the next academic year.

Candidates will have an earned doctorate in Chemical Engineering or a closely related discipline at the time of appointment. The Chemical and Biological Engineering Department promotes an outstanding educational environment for students, thus applicants should demonstrate an interest and commitment to excellence in teaching graduate and undergraduate courses. Previous university teaching, process design and/or other industrial experiences are highly desirable. Salary is commensurate with qualifications. The desired start date is August 22, 2015. Successful candidates are expected to initiate and/or sustain an active externally sponsored research program.

The new faculty member will participate in the M.S. Chemical Engineering program and the Ph.D. program in Chemical and Biological Engineering. Opportunities exist to collaborate with CBE faculty (<http://www.sdsmt.edu/cbe/research/>) and with Materials Engineering and Science, Nanoscience and Nanoengineering, Biomedical Engineering Ph.D. programs and others on campus. The CBE faculty enjoy close supporting relationships with the National Science Foundation Industry/University Cooperative Research Center for Bioenergy Research and Development (CBERD, <http://www.bioenergynow.org>), the Composites and Polymer Engineering Laboratory (CAPE, <http://cape.sdsmt.edu>), the Composites and Nanocomposites Advanced Manufacturing Center (CNAM, <http://www.sdsmt.edu/Research/Labs-and-Centers/Composite-and-Nanocomposite-Advanced-Manufacturing-Center/>), the Direct Write Laboratory (DWL, <http://www.sdsmt.edu/Research/Labs-and-Centers/Direct-Write-Lab/>), the Sanford Underground Research Facility (SURF, <http://sanfordlab.org>) and the Biochemical Spatiotemporal NeTwork Resource (Bio-SNTR, <http://www.sdepacor.org/biosntr/index.php>). For additional information regarding research opportunities view <http://www.sdsmt.edu/Research/>.

The Chemical and Biological Engineering Department has a long-standing tradition of excellent process oriented educational programs. In 2011, CBE moved into the \$19MM Chemical and Biological Engineering and Chemistry (CBEC) building which offers state of the art teaching facilities, research laboratories and includes a new pilot scale unit operations laboratory. The department offers BS, MS and PhD degrees, and currently is home to about 250 undergraduate and 35 graduate students and post-doctoral researchers. For more information regarding the CBE Department visit <http://www.sdsmt.edu/CBE>.

Established in 1885, the South Dakota School of Mines & Technology is a technological research university located in Rapid City, South Dakota. The School of Mines is a public university offering bachelor's, master's, and doctoral degrees in engineering and science. Known for our academic rigor, we maintain a 14:1 student-to-faculty ratio. Our students benefit from immersive learning experiences including undergraduate research, co-ops/internships, and numerous nationally competitive engineering teams. Our graduates have a 98% placement rate and an average starting salary of \$62,400. Our Research Programs are concentrated in four areas: Energy and Environment; Materials and Manufacturing; STEM Education; and Underground Science. The School of Mines enrolls more than 2,600 students from 43 states and 37 countries. Rapid City is the state's second largest city (with an urban population of 69,854 and metropolitan population of 138,738) and is nestled at the foot of the beautiful Black Hills. Mount Rushmore, the Badlands National Park and Crazy Horse Memorial are all within an hour of the University. Rapid City enjoys a relatively mild climate and offers year-round recreational opportunities, including, hiking, bicycling, skiing, snowboarding, fishing, and hunting, to name a few. For more information about the School of Mines and Rapid City, visit: www.sdsmt.edu and <http://visitrapidcity.com/>.

The School of Mines is committed to recruiting and retaining a diverse workforce and offers an excellent comprehensive benefits package including paid medical and life insurance for our employees, as well as medical, dental and vision coverage for spouses and dependents; retirement plans; paid holidays; and a generous sick day allowance. Individuals interested in this position must apply online at <http://www.sdsmt.edu/employment>. Human Resources can provide accommodation to the online application process and may be reached at (605) 394-1203. Review of applications will begin October 27, 2014, and will continue until the position is filled. Employment is contingent upon completion of a satisfactory background investigation.

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.