July 31, 2018

Assistant or Associate 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 a tenure-track faculty position at the rank of Assistant or Associate Professor. Preference will be given to candidates with experience and research interest in: Advanced Materials (including Energetic Materials), Bioengineering, Traditional and Alternative Energy, Sustainable Systems Engineering, and Engineering Education. Exceptional candidates with other research interests will also be considered. Previous university teaching, process design and/or other industrial experiences are highly desirable as well as a strong record of multi-disciplinary collaboration.

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. Salary is commensurate with qualifications. The desired start date is January 2019; however, August 2019, will be considered. Successful candidates are expected to initiate and/or sustain a nationally recognized, externally sponsored research program.

The new faculty member will participate in the MS Chemical Engineering program and the PhD program in Chemical and Biological Engineering. Opportunities exist to collaborate with CBE faculty (http://www.sdsmt.edu/cbe/research/) and with Biomedical Engineering, Materials Engineering and Science, and Nanoscience and Nanoengineering, PhD programs and others on campus. The CBE faculty enjoy close supporting relationships with 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.sdepscor.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 225 undergraduate and 35 graduate students and post-doctoral researchers. CBE has a strong research enterprise with grant expenditures exceeding $2.5MM. 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 science and engineering research university located in Rapid City, South Dakota. South Dakota 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 15:1 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 96% placement rate and an average starting salary of nearly $63,000. Our Research Programs are concentrated in four areas: energy and environment; materials and manufacturing; STEM education; and underground science and engineering.

School of Mines is a growing university that enrolls around 2,800 students from 44 states and 30 countries. Rapid City is the state's second largest city (with an urban population of 74,048 and metropolitan population of 199,656) 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 South Dakota Mines and Rapid City, visit: www.sdsmt.edu and http://visitrapidcity.com/.

South Dakota 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 September 4, 2018, and will continue until the position is filled. Applications received by October 1, 2018, will receive priority review. Employment is contingent upon completion of a satisfactory background investigation.

South Dakota Mines does not discriminate on the basis of sex, race, color, creed, national origin, ancestry, citizenship, gender, gender identification, transgender, sexual orientation, religion, age, disability, genetic information or veteran status in employment or the provision of service.