



COLORADO SCHOOL OF MINES
EARTH • ENERGY • ENVIRONMENT

**Department of Chemical and Biological Engineering
College of Applied Science and Engineering
Two Tenure Track Faculty Positions**

The Chemical and Biological Engineering (CBE) department at the Colorado School of Mines invites applications for tenured or tenure-track faculty positions. All research areas will be considered. Applicants must hold a PhD in Chemical Engineering or a related field. Applicants for a tenured position should have an established record of research, teaching, mentorship and outreach whereas junior (non-tenured) applicants must demonstrate outstanding potential to establish an internationally renowned, collaborative, well-funded research program, as well as the potential for becoming an excellent teacher and mentor. Salary and rank will be commensurate with qualifications and experience. We seek candidates excited to share in our mission to address the challenges of creating a sustainable global society by educating the next generation of engineers and leaders, and by expanding the frontiers of knowledge through research. We are especially interested in candidates with a passion to advance the University's commitment to diversity.

About us: Colorado School of Mines is located in picturesque Golden, in the foothills of the Rockies, 15 miles west of Denver and 20 miles south of Boulder. From its inception in 1952, the Chemical and Biological Engineering Department has focused on education and basic and applied research that addresses problems of national interest. We maintain a high-quality, well-funded research program (~\$7 million in annual research awards) with strong participation from students at both the graduate and undergraduate levels. Approximately 80 graduate students and postdoctoral scholars study within a broad research portfolio, including major programs in gas hydrates, energy, soft materials, biomedical research, electronic materials, simulation and modeling, and pedagogy.

The CBE faculty tend to work collaboratively and successful candidates are expected to interact with multiple researchers in the department and across the Mines campus. The CBE department has strengths in multiple areas including energy, materials, biological and biomedical engineering, transport and complex fluids. The department faculty collaborate extensively with the National Renewable Energy Laboratory, located minutes from Mines, as well as several other regional federal laboratories involved in energy research and development. The Colorado Fuel Cell Center is a collaborative center at Mines dedicated to improving the efficiency of chemical energy conversion, as well as adapting fuel cell technology for compatibility with emerging biofuels. The CBE department houses the world's foremost center dedicated to understanding the critical role of hydrates in energy production as well as their potential for energy storage and CO₂ sequestration. The department also hosts the Colorado Institute for Energy, Materials and Computational Science (CIEMACS), which focuses on problems at the nexus of energy, materials and scientific computing. The Mines Polymers and Complex Fluids (MPAC) group brings together faculty from CBE and the Chemistry Department to focus on fundamental and applied research in soft matter. Finally, faculty conducting biomedical research work in close collaboration with regional medical institutions such as the Children's Hospital of Colorado.

For more information about the CBE Department please visit <http://chemeng.mines.edu>.

Mines is an EEO/AA employer and is committed to enhancing the diversity of its campus community. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.

Employment with Mines is contingent upon the satisfactory completion of a background investigation.

Diversity Commitment: Mines is an Equal Opportunity/Affirmative Action employer and recognizes that diversity is crucial to its pursuit of excellence in education and research. Mines is committed to developing students, faculty, and staff that have differing perspectives, backgrounds, talents, and needs. As such, Mines will give special consideration to minorities, women, veterans, and persons with disabilities who have experience working in settings with students from diverse backgrounds and who possess a demonstrated commitment to improving access to higher education for historically underrepresented students.

Compensation: Salary and benefits will be commensurate with qualifications and experience. Mines also provides an attractive benefits package including fully paid health insurance, dependent tuition benefits, parental leave policies and dependent care assistance through a flexible spending plan.

How to apply: Interested applicants should apply online at <http://jobs.mines.edu/cw/en-us/job/493288/cbe-open-rank-ttt-faculty>. The application must include a curriculum vitae, research and teaching statements, and names and contact information for at least 3 references. Early responses are encouraged but applications will be accepted until the positions are filled.

Review of applications will begin by October 5, 2018.