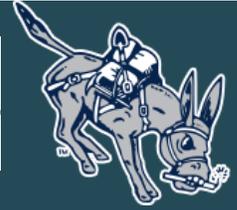




COLORADO SCHOOL OF MINES
EARTH ENERGY ENVIRONMENT



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. Candidates with research interests in renewable energy may have an opportunity to obtain a dual appointment with National Renewable Energy Lab (NREL).

About Mines, the Department, and Golden, CO

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. Our undergraduate enrollment is 740 students (46% female). Approximately 70 graduate students (39% female and 40% international 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 produces industry-ready scientists and engineers known for their work ethic, problem-solving ability and teamwork focus. Mines graduates are in great demand by companies and government entities around the world and are involved in solving major technical and societal challenges of our times. We have several initiatives aimed at enhancing teaching and the student experience, including our exceptional Trefny Innovative Instruction Center, which supports best practices for teaching and learning on campus (<https://trefnycenter.mines.edu/>). Our Center for Entrepreneurship and Education supports students and faculty to change the world through innovative thinking and entrepreneurial pursuits (<https://innovation.mines.edu/>). The Mines community is in the

process of developing a Strategic Plan for Diversity, Inclusion, and Access; which supports a wide range of activities, including inclusive hiring, inclusivity in the classroom, cultivating a respectful and compassionate campus culture, family friendly programming and policies, expanding pathways for success, ensuring shared responsibility (<https://www.mines.edu/about/diversity-and-inclusion/>).

Colorado School of Mines is known globally for the quality of its distinctive graduates, the success of its alumni and its unique expertise in topics related to earth, energy and the environment. Our core values include Inquiry and Innovation, Inspiration, Challenge, Openness, Respect, Diversity, Compassion, and Collaboration. Each of the values above facilitates our shared success, and the advancement of Mines and its mission; by our examples and by our encouragement we seek to foster these values throughout our community, and especially among our students, so as to inspire them to pursue excellence in our shared lives of inquiry and innovation. For more information visit <https://www.mines.edu/president/planning/>.

Total Rewards:

Starting salary will be determined by the qualifications of the selected applicant balanced with departmental budget availability, internal salary equity considerations, and available market information. Mines provides an attractive benefits package including fully paid health and dental insurance. Part of Mines' mission is to create a family-friendly environment supported through our dependent tuition benefits, parental leave benefits, and dependent care assistance plan, as well as in special events, camps, and programming. For more information visit:

family.mines.edu

How to apply: Interested applicants should apply online at <http://jobs.mines.edu/cw/en-us/job/493918/chemical-and-biological-engineering-open-rank-tenuredtenure-track-faculty>.

Review of applications will begin by October 5, 2019. The application must include

1. a curriculum vitae
2. a statement of research,
3. a statement of teaching,
4. a statement of contributions to diversity and Inclusion,
5. and a cover letter expressing interest in the position with names and contact information for at least 3 references.

Contributions to D&I: Candidates should submit a 1-page statement on Contributions to Diversity and Inclusion. Mines is committed to access, inclusion, and diversity and is actively developing a strategic plan to advance Diversity, Inclusion and Access (for more information visit <https://www.mines.edu/about/diversity-and-inclusion/>). The diversity and inclusion statement should describe your past experience and proposed activities to advance access, inclusion, and diversity at Mines.

Research Statement: Describe how your research relates to and complements research activities and expertise at Mines, its expected impact, its relevance to broader grand challenge themes (e.g., energy, health, sustainability, etc.), and current or future connections to industry and opportunities for entrepreneurship. Please be sure to describe any transdisciplinary aspects of your research.

Teaching Statement: Mines is growing its online course offerings. We are committed to high quality, exciting online instruction. In addition to your teaching philosophy and experience, describe any experience you have in online education.

Equal Opportunity/Affirmative Action: Mines is an Equal Opportunity/Affirmative Action employer and educator that recognizes that diversity is crucial to its pursuit of excellence in learning and research. Mines is committed to developing student, faculty, and staff populations with differing perspectives, backgrounds, talents, and needs and to creating a richer mix of ideas, energizing and enlightening debates, deeper commitments, and a host of educational, research, and service outcomes. As such, Mines values candidates who have experience working in settings with individuals from diverse backgrounds. Minorities, women, veterans, and persons with disabilities are strongly encouraged to apply.