Colorado School of Mines (Mines) invites applications for the Fred Banfield Distinguished Endowed Chair in Mining Engineering which is anticipated to be filled at the rank of Associate or Full Professor. Desirable candidates are those who are excited to share in our mission to address the challenges of creating a sustainable global society through educating the next generation of leading scientists and engineers and expanding the frontiers of earth resource engineering knowledge through research.

Mines provides a unique environment for the Fred Banfield Professor to enjoy synergy through collaboration not only with excellent research groups in Mining Engineering, but also in other departments (e.g., Economics and Business, Geology and Geological Engineering, Petroleum Engineering, Geophysics, Mechanical Engineering, Civil and Environmental Engineering).

Mines is a unique institution of applied science and engineering with a global reputation for excellence in programs such as Mining Engineering, focusing on the earth, energy, and the environment. Located in the Front Range of the Rocky Mountains in Golden, Mines is just minutes away from Boulder and Denver, offering a unique combination of mountain living coupled with large-city amenities. Several world-class government and private research institutions are close by, so that Mines provides many opportunities for multidisciplinary research collaborations. The Department of Mining Engineering is committed to stewardship of earth resources, and conducts educational and research programs leading to B.S. degree in Mining Engineering, and MS and PhD degrees in Mining and Earth Systems Engineering and in Underground Construction and Tunneling. The Department is comprised of 10 regular academic faculty plus another 16 research, adjunct and affiliated faculty, 10 technical staff, and more than 175 undergraduate and 60 graduate students. There are currently five significant research and training groups and centers (e.g., CIERSE, EMI, Edgar Mine, AXPRO, and EMCIS) in the Department of Mining Engineering funded by industry and/or government agencies. Resources include facilities for computational analysis, rock mechanics, excavation engineering, mineral processing, underground experimentation, and explosives research. For more information visit: www.mines.edu and http://mining.mines.edu/

Responsibilities: The Department is seeking an individual with a distinguished international reputation in an area of interest, including mine planning and operations, risk assessment, and valuation. The successful candidate must bring the management skills needed to develop a world class research program, and will be expected to have strong network connections with both the national and international mining industry.

The successful candidate will conduct a vigorous research program that includes (a) building strong collaborative relationships with industry, academic, research, and/or government institutions; (b) generating research funding; (c) supervising graduate students; and (d) maintaining a strong record of scholarly publishing. The successful candidate will teach at both the undergraduate and graduate levels, and participate actively in the U.S. and international mining engineering community.

Highly qualified candidates are encouraged to apply, whether from academic or industry backgrounds.

Qualifications: The successful candidate will have earned a doctoral degree in mining engineering or a related discipline, and will have demonstrated success in their career as an educator, scholar, and researcher commensurate to receiving tenure at a research-active university such as Mines. The successful candidate must have demonstrated leadership in scholarship, service, and teaching at the undergraduate and graduate levels. Applicants for consideration at the Professor rank must also demonstrate national or international recognition in their discipline. Candidates must possess superb
interpersonal and communication skills and a collaborative style of research and teaching, and must have a superior record of collaborative relationships with industry. Preference will be given to candidates whose research interests hold potential for multidisciplinary collaboration, and a background that includes mining experience is preferred.

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.

**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:** Applicants must submit 1) a letter of interest specifying the rank for which they are applying and addressing each of the qualifications, 2) a resume including a list of publications and a record of research funding, 3) a statement of teaching philosophy and research goals, and 4) the names and contact information for three professional references from whom letters may be subsequently requested. Submission should be to: Colorado School of Mines, Human Resources Office, Search #: 16-121830, 1500 Illinois Street, Golden, CO 80401, Fax: (303) 384-2025.

"Applicants must specify in the application package to which rank they are applying."

Electronic applications are encouraged and will be accepted at fsearch@mines.edu. If using this method of application, please put the search number as indicated above (in bold) in the subject line to ensure that your materials are properly forwarded to the search committee.

**Review of applications will begin by March 31, 2016.** Questions about this position may be addressed to Dr. Priscilla P. Nelson, pnelson@mines.edu, Department Head for Mining Engineering.