College of Earth Resource Sciences and Engineering (CERSE)
Department of Petroleum Engineering
Open Rank Faculty Position

Colorado School of Mines (Mines) Petroleum Engineering Department under the College of Earth Resource Sciences and Engineering invites applications for a faculty position, anticipated at the Assistant Professor rank. Appointment at a more senior level may be considered for exceptional candidates. 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 knowledge through research.

The Petroleum Engineering Department has a preeminent program in education and research and offers undergraduate and graduate (Master and PhD) degrees. The strength of the education and research programs is enhanced through collaboration with the strong geosciences departments as well as many other disciplines at CSM. The Department has sixteen faculty, five supporting staff, and 875 undergraduate and 116 graduate students. The annual research volume of the Department is approximately $6 million with several large research programs on unconventional reservoirs, reservoir modeling and engineering, geomechanics, rock and fluid characteristics, stimulation and fracturing, geothermal energy, and drilling and completions. CSM also has many other research centers and programs related to petroleum exploration and production with a total research budget of over $60 million per year, with contributions from private industry, DOE, NSF, DOD, DOS, NASA, ACS PRF and EPA. More information about the school and the department can be found at http://petroleum.mines.edu.

Responsibilities: The main responsibilities of the new faculty will be to teach undergraduate and graduate courses, advise undergraduate and graduate students, and develop a strong, externally funded research program. The faculty member will be expected to adhere to the high ethical and scholastic standards of Mines, CERSE, and the Petroleum Engineering Department and demonstrate high-level scholarly activities to build and/or enhance a national and international professional recognition.

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.

Qualifications: The applicant must have expertise and/or research experience related to reservoir engineering. A focus on enhanced oil recovery with experimental emphasis and prior industrial and/or academic experience are desirable. The successful candidate must possess excellent interpersonal and communication skills and complementary traits of expertise to supplement and extend the current strengths of the Department.

- **Assistant Professor**: An earned PhD degree at the time of employment in petroleum engineering or a closely related field, such as chemical engineering, and demonstrated potential for success in teaching, scholarship, and service.

- **Associate Professor**: A PhD degree in petroleum engineering or a closely related field, such as chemical engineering, documented success in teaching, scholarship, and service, and demonstrated potential for national and international professional recognition.

Employment with Mines is contingent upon the satisfactory completion of a background investigation.
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Applicants must specify in the application package to which rank they are applying.

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 benefits and dependent care assistance through a flexible spending plan.

How to Apply: Applicants must submit a letter of application highlighting the qualifications indicating the desired academic rank, curriculum vita, separate statements on professional goals, teaching strategy, and research objectives, up to three sample publications, and names and addresses of three professional references to: Colorado School of Mines, Human Resources Office, Search 16-015640, 1500 Illinois Street, Golden, CO 80401, Fax: (303) 384-2025.

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 November 30, 2015.

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