Colorado School of Mines invites applications for the position of the Baker Hughes Chair of Petrophysics and Borehole Geophysics, a regular academic faculty position in Geophysics, which is anticipated to be filled at the rank of Associate or Full Professor. The Department is seeking an individual with a distinguished international reputation in the study of rock properties (e.g., physical, chemical, electrical, mechanical) and their interactions with fluids, in the context of exploration for, and development of, natural resources. The successful candidate will be one who investigates poroelastic and fractured media with a multi-scale perspective that considers information obtained in lab, borehole and field environments. CSM provides a unique environment for the Baker Hughes professor to enjoy synergy through collaboration not only with excellent research centers in Geophysics, but also with research groups in other departments (e.g., Geology and Geological Engineering, Petroleum Engineering, Civil and Environmental Engineering, Chemical and Biological Engineering, and Mining.)

Mines is a unique institution of applied science and engineering with a global reputation for excellence in programs such as Geophysics, 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. With USGS offices located on, and near to, campus and several world-class government and private research institutions close by, Mines provides many opportunities for multidisciplinary research collaborations. The Department of Geophysics conducts educational and research programs leading to B.S., M.S., and Ph.D. degrees in Geophysics and Geophysical Engineering. The Department is comprised of 12 regular academic faculty plus another 12 research and affiliated faculty, 140 undergraduate and 100 graduate students. There are currently six significant research programs or centers in the Department of Geophysics funded by industry and/or government agencies. Resources include laboratories for experimental geophysics, equipment for field studies and summer field camp, and computational facilities for modeling, visualization and planetary studies.

For more information visit us at: www.mines.edu.

**Responsibilities:** 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 international geophysics community.

Mines encourages applications from qualified candidates who will contribute to the diversity and excellence of our academic community through their research, teaching, and service. Highly qualified candidates are encourage to apply, whether from academic or industry backgrounds.

**Qualifications:** Candidates must have earned a doctoral degree in geophysics or a related discipline and have demonstrated success in their career as an educator and researcher commensurate to receiving tenure at a research-active university like Mines. The successful candidate must demonstrate 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 experience in collaboration with industry. Preference will be given to candidates whose research interests hold potential for multidisciplinary collaboration.

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

*Employment with Mines is contingent upon the satisfactory completion of a background investigation.*
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 a letter of interest specifying the rank for which they are applying and addressing each of the qualifications, a resume, a list of publications, a record of research funding, and the names and contact information for three references from whom letters may be subsequently requested to: Colorado School of Mines, Human Resources Office, Search #: 15-061600, 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 April 15, 2015. Applications will be accepted after this date until suitable candidates are identified. Questions about this position may be addressed to Dr. Terry Young tkyoung@mines.edu, Head, Department of Geophysics http://geophysics.mines.edu.

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