College of Earth Resource Sciences and Engineering (CERSE)
Department of Geophysics
Assistant/Associate Professor of Geophysics – Computational Seismology

Colorado School of Mines invites applications for a regular academic faculty position in Geophysics, which is anticipated to be filled at the rank of Assistant or Associate Professor. We seek highly qualified individuals to teach and do research at the intersection of seismology and computer science, pursuing computational applications potentially ranging from micro to global scale. We offer the opportunity for collaborating closely with existing groups in the Geophysics Department, and also with researchers in other Mines departments (e.g. Mathematics, Computer Science, Physics, Engineering, etc.), and the USGS National Earthquake Information Center.

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 re-search 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 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 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:** Candidates must possess a doctoral degree in geophysics or a related field. Applicants for the Associate Professor level are expected to possess national and international professional recognition and a record of excellence in research and professional service, and either a record of, or demonstrated potential for, excellence in teaching. Candidates must also 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.
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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 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 16-171560, 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 January 1, 2016.

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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