Colorado School of Mines invites applications for the position of Teaching Assistant Professor or Teaching Associate Professor position in the Department of Physics, to begin in the fall of 2016. This position does not involve formal tenure. However, the position occupies a budget line in the department, and will be a continuing appointment.

Located in Golden, in the foothills of the Rockies, 13 miles west of Denver and 21 miles south of Boulder, Mines has enrollment of over 5000 students in undergraduate and graduate degree programs in engineering and applied science. Annual research funding exceeds $60M.

The Department of Physics offers an ABET-accredited undergraduate degree in Engineering Physics, as well as M.S. and Ph.D. degrees in Applied Physics. The program typically graduates between 50 and 60 majors per year. The department encourages and supports innovation in teaching and learning, and has developed effective methods of instruction at the introductory and advanced levels. More information can be found at http://physics.mines.edu/.

Responsibilities: The successful candidate will become part of the departmental instructional faculty team, which currently consists of six full-time faculty members. The team has primary responsibility for delivering introductory calculus-based physics using a studio approach. In studio, faculty work with graduate and undergraduate teaching assistants to coach students through a combination of hands-on activities, problem-solving practice, and other computer-assisted lessons. In addition, the successful candidate may be assigned to teach other parts of the undergraduate curriculum as appropriate. Additional responsibilities include training and supervising teaching assistants, departmental and campus committee service, and advising.

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 have earned a doctoral degree (preferred) in physics or a related field by August 2016. The successful candidate must have a strong commitment to undergraduate education, excellent communication skills, and excellent interpersonal skills to work effectively as a member of a teaching team. It is essential that candidates have a thorough understanding of and experience with modern, research-vetted teaching practices. Candidates familiar with physics education research are particularly encouraged to apply.

- At the rank of Teaching Assistant Professor applicants must possess a master's degree or a baccalaureate degree with professional or academic experience; and the demonstrated potential for successful teaching.
- At the rank of Teaching Associate Professor, applicants must possess a doctoral degree or a master's degree along with professional or academic experience and accomplishments; and documented success in teaching.

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

Employment with Mines is contingent upon the satisfactory completion of a background investigation.
College of Applied Science and Engineering
Department of Physics
Teaching Assistant/Associate Professor

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 CV, a statement of teaching philosophy and experience, and the names of three professional references to: Colorado School of Mines, Human Resources Office, Search 16-11100, 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 December 1, 2015.

Questions about this position may be directed to Dr. Pat Kohl (pkohl@mines.edu), Department of Physics: http://physics.mines.edu.

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