

Vacancy Announcement
Assistant/Associate Professor of Earth Sciences

Earth Sciences
University of Northern Colorado

Earth Sciences at the University of Northern Colorado seeks a tenure-track assistant professor or associate professor specializing primarily in earth science education. Tenure upon appointment may be possible for well-qualified candidates who meet the relevant university criteria.

The University of Northern Colorado is a Doctoral/Research University enrolling 12,000+ graduate and undergraduate students. The University, founded in 1889, is located in the city of Greeley, which has a growing population of 80,000. Greeley is an hour north of Denver and about 30 miles east of the Rocky Mountains. Originally established as the State Normal School, the University has a long and distinguished history of educating educators and making fundamental contributions to research on teaching and learning.

The College of Natural and Health Sciences is one of five academic colleges at UNC and contains six Schools (Biological Sciences; Chemistry, Earth Sciences and Physics; Human Sciences; Mathematical Sciences; Nursing; and Sport and Exercise Science), as well as two institutes (the Math and Science Teaching Institute and Rocky Mountain Cancer Rehabilitation Institute). The College serves approximately 2,500 undergraduate and 500 master's and doctoral students. Many of the College's graduate programs are oriented toward education, and included among its Ph.D. programs are Biological Education, Chemical Education, and Educational Mathematics. Additional information about UNC, Greeley, and the College of Natural and Health Sciences is available at <http://www.unco.edu/> and <http://www.unco.edu/nhs/>.

Earth Sciences

Academic programs in astronomy, geology, meteorology, and oceanography have been offered at UNC for over 50 years. With the backdrop of the Rocky Mountains, both geology and meteorology students have ideal laboratories for study. With Greeley's status as one of the fastest growing metropolitan areas in the United States, demand for environmental earth scientists, geologists, meteorologists, and earth science teachers continues to be strong. Academic major emphasis areas in geology, meteorology, environmental earth sciences, and secondary earth science teaching are currently offered. Environmental earth sciences was added as an emphasis in 1998; the other three emphasis areas have been offered continuously since 1971. There are currently about 140 undergraduate earth science majors, about 15 of whom are secondary earth science majors. In addition, there are currently about 45 prospective elementary teachers who have elected a concentration in earth sciences. In 1974, a Master of Arts in Earth Sciences degree program was started; it primarily serves prospective and in-service secondary and community college teachers of earth sciences, among others. There are currently about 12 master's students enrolled. The physical plant accommodating the sciences was enlarged and renovated to modern standards in 2002-03 at a cost of \$43 million.

Position Qualifications and Description

Required qualifications for this position include:

- An earned Ph.D. from an accredited institution in an earth science field, granted on or before 8/20/07.
- Evidence of potential for excellence in teaching.
- Evidence of potential for excellence in research.
- Evidence of potential for excellence in service.

Preferred qualifications for this position include:

- Ability to work with regional school districts and K-12 educators.
- Ability to work with UNC's MAST Institute.
- Ability to teach general geology courses.
- Ability to teach general meteorology courses.
- Ability to teach environmental science courses.
- Ability to advise graduate studies in earth sciences education.
- Ability to attract outside research funding.
- Experience with GIS data and software.

The position is a nine-month academic year appointment, with possibilities for additional teaching and/or research work through the University in the summers. Typically, 60% of a faculty member's time is to be devoted to teaching, 20% to scholarly activity, and 20% to professional service. Teaching loads typically consist of 3 lecture courses per semester, but may be reduced to 2 courses if both contain a laboratory component. Observation of education majors and participation in the Partner School Program may fulfill one of the course requirements. The position starting date is August 20, 2007.

Application

Screening of applications begins **December 1, 2006**, and continues until the position is filled. A complete application consists of a letter addressing the qualifications cited above; post-secondary school transcripts, current curriculum vitae; and the names, addresses, and telephone numbers of at least three professional references. Qualified candidates should complete and submit the Faculty Voluntary Demographic and Acknowledgement form located at <http://www.unco.edu/hr/forms/HRS%20Forms/FacultyEmploymentAcknowledgement.doc> and send to: Human Resource Services Office, Carter Hall, Room 2002, UNC, Greeley, CO 80639. Applications and inquiries should be sent to:

Gary R. Huffines, Search Chair
 Search #F 99463, Assistant/Associate Professor of Earth Sciences
 Ross 3235C, Campus Box 100
 University of Northern Colorado
 Greeley, CO 80639
 Electronic mail: Gary.Huffines@unco.edu
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This position is contingent on funding from the Colorado State Legislature, approval by the Board of Trustees, and subject to the policies and regulations of the University of Northern Colorado. The University of Northern Colorado is an AAEO employer and is committed to

fostering diversity in its student body, faculty and staff. Satisfactory completion of a background check, educational check, and authorization to work in the United States is required after a conditional offer of employment has been made. Federal regulations require that the University retain all documents submitted by applicants. Materials will not be returned or copied for applicants. Salary is commensurate with qualifications and experience. Benefits include health, life, and dental insurance, as well as a selection of several defined contribution retirement programs. Other benefits may be available based on position.

The University of Northern Colorado is an equal opportunity/affirmative action institution that does not discriminate on the basis of race, color, national origin, sex, age, disability, creed, religion, sexual orientation, or veteran status. For more information or issues of equity or fairness or claims of discrimination contact the UNC AA/EEO/Title IX Officer at UNC Human Resource Services, Campus Box 54, Carter Hall 2002, Greeley, CO 80639 or call 970-351- 2718.