

VACANCY ANNOUNCEMENT

UNIVERSITY OF NORTHERN COLORADO

Position Title: Postdoctoral Fellow, Mathematics Education **Position Number:** F99733

Qualifications and Experience:

Required. Doctorate in Mathematics with commitment to developing expertise in social science research methods or doctorate in Mathematics Education with a documented strong background in mathematics; ABD will be considered provided dissertation defense is successfully completed before position start date and doctorate is received within one year of position start date. Strong potential for engaging in mathematics education research and commitment to working with in-service mathematics teachers are required. Candidate must provide evidence of experience and/or potential for teaching and educational research effectiveness.

Preferred. Experience teaching at the K-12 level, teaching and learning with diverse populations, and/or working with pre-service and in-service teachers is desirable, as is experience with grant writing. Preference may be given to candidates who demonstrate knowledge of and experience with current trends in middle or secondary school mathematics education or mathematics teacher leader development.

Position Description:

One-year postdoctoral fellow, non-tenure-track appointment with potential for renewal for a second year, in the School of Mathematical Sciences. Nine month academic year appointment with an additional two months of summer work expected (for additional pay). Primary responsibilities will be to support the work of the National Science Foundation funded Mathematics Teacher Leadership Center (Math TLC). The Math TLC is a collaboration between the University of Northern Colorado and the University of Wyoming. Duties will include:

- working with Colorado and Wyoming in-service mathematics teachers as they learn mathematics and pedagogy,
- engaging in basic, applied, and evaluative mathematics education research to support the research program of the Math TLC,
- working with mathematics and mathematics education faculty on the development and delivery of courses in the Master's in Mathematics for Secondary Mathematics Teachers program jointly offered by the University of Northern Colorado and the University of Wyoming,
- working with mathematics and mathematics education faculty to build and implement a program for K-12 mathematics teacher leaders.

This position includes active mentoring by Math TLC staff for the post-doc in (a) mathematics education research, (b) the professional development of mathematics teachers and teacher leaders, and (c) the use of distance delivery technologies for teaching mathematics and mathematics education. See www.mathtlc.com for more information about the Math TLC and www.unco.edu/NHS/mathsci/ for more information about the School of Mathematical Sciences.

This position also includes the potential for a teaching assignment of up to one mathematics or mathematics education course per semester.

Salary and Benefits:

Salary is commensurate with qualifications and experience. Benefits available include health, life, and dental insurance, as well as a selection of several defined contribution retirement programs. Dependents and spouses of UNC employees who are employed as 0.5 FTE or above are entitled to and eligible for Dependent Tuition Grants. These tuition grants will cover in-state tuition charges. Further requirements may exist. Other benefits may be available based on position.

Requested Start Date:

August 15, 2011

Application Materials, Contact and Application Deadline:

Review of applications will begin February 1, 2011, and will continue until position is filled. Interested persons should apply online at <http://careers.unco.edu> and select "View/Apply for Faculty Positions" then choose "Postdoctoral Fellow – Mathematical Sciences." Application documents to be submitted online are a letter of application, a *curriculum vitae*, statement of teaching philosophy, and a statement of research interests that addresses potential in and commitment to research and development in the area of K-12 mathematics teacher enhancement. (The statements of teaching philosophy and research interests should be submitted via the online application process in the "Other Document" category.) In addition to the material provided online, please send, via regular mail, unofficial or official copies of (a) **undergraduate** and **graduate** school transcripts and (b) **three letters of reference** that address effectiveness and/or potential in teaching and mathematics education research to: Dr. Jodie Novak, Chair Search and Screen Committee, School of Mathematical Sciences, University of Northern Colorado, Campus Box 122, 501 20th Street, Greeley, CO 80639, Tel: (970) 351-2463, email: jodie.novak@unco.edu.

Additional Requirements:

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. The successful candidate must submit original college transcripts within one month of hire.

Location and Environment:

The University of Northern Colorado is a Doctoral/Research Extensive University enrolling 12,000+ graduate and undergraduate students. The university, founded in 1889, is located in Greeley, Colorado, which has a growing population of 90,000 and is situated an hour north of Denver and 30 miles east of the Rocky Mountains. Further information about UNC and the City of Greeley is available at <http://www.unco.edu>.

Additional Information:

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. Federal regulations require that the University retain all documents submitted by applicants. Materials will not be returned or copied for applicants.

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.