

# SEMINAR IN PHYSICS

Friday, January 27, 2017  
3:30-4:25 – Ross 0220

~ Refreshments! ~

## The Teacher Education Alliance, Mines-UNC Partnership (TEAM-UP): Motivation, Strategies, and Students

*Dr. Kristine Callan*

*Teaching Associate Professor  
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To help battle the shortage of highly qualified science and math teachers, Colorado School of Mines and University of Northern Colorado have recently combined forces to create a unique partnership that plays on each institution's strengths to produce highly qualified STEM teachers. Mines prepares students with a strong understanding of STEM subjects, and UNC provides the coursework in education and pedagogy necessary to become a secondary science or mathematics teacher in Colorado. TEAM-UP began enrolling students in the fall semester of 2015, with additional students added each semester.

In this talk I will describe the motivation for the program, the current TEAM-UP landscape, the grant activity that has supported the program and our students, and our future plans for TEAM-UP.

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*Dr. Callan is a Teaching Associate Professor in the Physics Department at the Colorado School of Mines and also helps run the Mines' side of their new joint teacher preparation program with UNC. She began teaching at Mines in the fall of 2013, after finishing her PhD at Duke University studying networks of nonlinear dynamical systems (and watching lots of Duke basketball games). She also taught high school physics at the Winsor School (a private, all-girls school in Boston, MA) during a two-year break from her graduate studies.*