

## Department of Mathematics and Statistics Colloquium

### *Supporting Instructional Change in Undergraduate Mathematics Through Faculty Collaboration*

Job Candidate

Abstract: To reform instruction by moving towards student-centered approaches, research has shown that faculty need and could benefit from support and collaboration (Henderson et al., 2011, 2012; Speer & Wagner, 2009; Wagner et al., 2007). In this talk I will discuss an NSF-funded grant, Teaching Inquiry-oriented Mathematics: Establishing Supports (TIMES), that provides three forms of support for instructors who desire to reform their instruction. In particular, I will provide an example of inquiry-oriented mathematics as well as focus on online faculty collaboration as a means to support instructional change. Further, I will specifically address my dissertation study from this project that aims to make connections between these online faculty collaborations and a change in instruction.

**Monday, November 6 at 3:45 in Roop 103**

**Refreshments at 3:30**