You are cordially invited to attend a PRIME Faculty Candidate Research Talk

To be presented by:

Dr. Eileen Murray
Harvard University
Thursday, January 9, 2014, 3:30 – 5 pm
212 N Kedzie Lab

PhD, Dept. of Mathematics & Science Education, University of Georgia, 2011
MS, Dept. of Statistics, Georgia Institute of Technology, 1999
MS, Dept. of Mathematics, University of Arizona, 1995
BA, Mathematics, Lafayette College, 1993

Understanding Teacher Knowledge

Dr. Murray’s current research is motivated by her desire to better understand the nature and development of teacher knowledge for mathematics teaching. She will describe two aspects of this work – one on the level of particular content and the other on the level of knowledge developed within teacher preparation programs. With respect to the former, she will describe the particular content of interest, integers, where she explores models used in mathematics teaching and learning of integer operations. Second, she will describe her work using a large international data set to explore the correlations between content knowledge, pedagogical content knowledge, and the opportunity to learn mathematics content during teacher preparation program.