You are cordially invited to attend:

Monday, September 28, 2015
12:00 p.m. – 1:00 p.m.
116H Erickson Hall
Michigan State University

Amy Parks
Michigan State University

Designing Tools to Describe Mathematics Classrooms from the Perspectives of Children

Abstract:
Drawing on video data from a three-year ethnographic study, this talk will focus on some of the methodological challenges of describing mathematics classrooms from the perspectives of children. The analysis currently being undertaken seeks to describe individual children’s experiences of mathematics over three years with the goal of demonstrating the ways in which children in the same classroom can have widely varying mathematical experiences. This work is challenging in part because much of the classroom-centered research in both mathematics and early childhood education has tended to describe pedagogies from the perspective of teachers or to describe whole class experiences, while much of the research on individual children has been done in one-on-one assessment interviews. New modes of data collection and analysis are needed to make sense of classrooms from the perspectives of multiple children.