Title: Researching the teaching and learning of mathematics
Prof: Rebecca McGraw

What questions do you have about teaching and learning math? You have been a student of mathematics for many years and no doubt have thoughts about teaching and learning regardless of your academic or career plans. In this talk, we will discuss issues and methods related to conducting research on teaching and learning. I will describe my own research which has included investigations of computer use in learning geometry, as well as covariational reasoning which forms the basis for the study of functions. My colleagues and I were recently funded by NSF to study teachers and teaching, and I will discuss the theoretical and methodological framing for this study as well.