Theoretical Frameworks Panel: What are they and why do we care?

Dr. Kate Melhuish
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1:00 pm in Derrick Hall 238
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Abstract: This week, the mathematics education seminar will focus on theoretical frameworks and their importance in mathematics education research. After a brief introduction to theoretical framing, we will have a round table discussion. A number of faculty members will share a research question or problem they have worked on and what role theoretical frameworks have played in this work. The latter half of the seminar will be open to questions and discussion. We hope to confront issues of scope, importance, and utility of frameworks with the overarching theme of how theoretical frameworks can improve and guide our research.

Dr. Melhuish is an assistant professor at Texas State University specializing in mathematics education. She completed her PhD at Portland State University. She spent the last year working as postdoctoral research fellow with a professional development organization, Teachers Development Group. Her current research interests include: teacher conceptions around mathematical reasoning forms, evaluating the efficacy of professional development, and measuring conceptual understanding in abstract algebra.