Assessing Geometry Knowledge for Teaching

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2:00 pm in Derr 238
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Abstract: The speakers will present the process of validating empirically an instrument designed to measure teachers' knowledge about geometry, proof, and conjecture. They will discuss the overall assessment framework, specific items, and validation results from a sample of 70 in-service geometry teachers.

Alana Rosenwasser and Ewelina McBroom are doctoral students in Mathematics Education at Texas State University. They are both currently research assistants for the Dynamic Geometry Project. Alana’s research interests include curriculum and assessment development and student thinking in Geometry. Ewelina’s research interests include teaching with technology and Teacher Knowledge in Geometry.