DEPARTMENT OF MATHEMATICS AND STATISTICS COLLOQUIUM

WRIGHT STATE UNIVERSITY

Speakers	**Dr. Benjamin Braun, University of Kentucky**
Title:	**Active Learning in Postsecondary Mathematics**
Date:	**Friday, January 27, 2017**
Room/Time:	**Meet –n-Greet:** 2:30 p.m. **Room TBA**
	Talk: 3:00 p.m. **Room TBA**
Host:	**Dr. Ayse Sahin**

ABSTRACT:

A growing number of college math courses include active learning components. What does this look like in practice? What is the right balance to strike between active learning and direct instruction? What are common challenges for departments and faculty implementing active learning? What outcomes should we expect as a result of active learning? In this talk, we will provide some context for current interest in active learning and discuss some answer to these and related questions.

SPEAKER BIO:

Benjamin Braun is an Associate Professor in the Department of Mathematics at the University of Kentucky, where he holds the Wimberly and Betty Royster Research Professorship. His mathematical research is in geometric and algebraic combinatorics, and he is active in mentoring graduate and undergraduate research students. His scholarly interests in teaching and learning include active learning, using writing in mathematics courses, pre-service teacher education, pedagogical use of the history of mathematics, and connections between mathematics education and educational psychology. He serves as a member-at-large on the American Mathematical Society Committee on Education, as the Editor-in-Chief of the American Mathematical Society blog On Teaching and Learning Mathematics, and as a member of the steering committee for the forthcoming Mathematical Association of America Instructional Practices Guide.