



Department of Mathematics & Statistics

# Colloquium

*presenting...*

## Dr. Michael Osborne

Eastern Kentucky University

### Teacher Instructional Practices and Student Mathematics Achievement

With the U.S. trailing many of its international peers in K-12 mathematics achievement, one of the main purposes of mathematics education research is to examine factors that may be associated with mathematics achievement and then use the findings to help drive educational policies and practices, with the primary goal being to help students become more successful in the area of mathematics. In this talk, we will discuss a recent study in which data from the Programme for International Student Assessment (PISA) were used to examine the relationship between teacher instructional practices and student mathematics achievement, a relationship that has long been of interest to mathematics educators and researchers. Current work and future plans will also be discussed.

**Wednesday, October 27<sup>th</sup>, 2021**

**2:30 – 3:20 p.m. Wallace Bldg. Room 149**

**Zoom: <https://eku.zoom.us/j/91262201332>**

