

## 2016 Post-Ostrom Colloquium





## **Kathleen Heid**

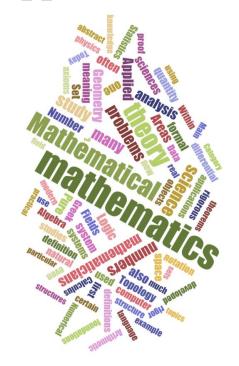
Penn State University

Distinguished Professor of Education and Professor of Mathematics Education

## Mathematical understanding for secondary teaching: A classroom-based approach

Secondary school mathematics teachers often complete a major in mathematics but see little connection to the mathematics they teach. A multi-year cross-university project developed a framework for mathematical understanding for secondary teaching from analysis of mathematical opportunities that arise in secondary school classrooms. The Mathematical Activity perspective describes the mathematical actions that characterize the nature of the mathematical understanding that secondary teachers could productively use.

Participants will have the opportunity to discuss: In what ways can collegiate mathematics classrooms engage prospective teachers in these mathematical actions?



## Thursday, March 24th, 2016 at 4:10 pm Neill 5W

Reception at 3:30 pm in Neill 216

Hosted by Washington State University Department of Mathematics & Statistics