



BOISE STATE UNIVERSITY

Research Assistantship in Mathematics Education

Boise State University is pleased to announce a doctoral student research assistantship in the Curriculum and Instruction Ed.D. program starting in the fall of 2018. The position will support a newly-funded research project (VCAST) that involves developing video-based online learning modules for prospective secondary mathematics teachers. The application deadline is March 1, 2018. The position involves working with the VCAST project team for up to 20 hours a week during the two 16 week semesters. The position is renewable for three years, with the potential to fund for a fourth.

As a research assistant for the VCAST project you will have opportunities to:

- work with faculty with diverse areas of expertise including: teacher education, mathematical knowledge for teaching, online learning environments;
- conduct, present, and publish mathematics education research under the direction of mathematics educators;
- acquire skills in data management, qualitative and quantitative research methods, and design-based research;
- build knowledge about prospective teachers' understanding of students' ideas involving functional reasoning.

Benefits: The research assistant will receive a full tuition and fee waiver in fall and spring semesters, a stipend of approximately \$20,000 for work in the fall and spring semesters, and student health insurance. In addition, shared office space and a laptop computer will be provided.

VCAST project faculty:

Laurie Cavey is an associate professor in the math department at Boise State. Her research focus is on investigating mathematical knowledge for teaching.

Michele Carney is an assistant professor in the curriculum, instruction and foundational studies Department at Boise State. Her research focus is on effectively scaling and measuring mathematics teacher education.

Patrick Lowenthal is an associate professor in the educational technology department at Boise State University. He specializes in online course design and online teaching.

Tatia Totorica taught for twenty-four years on the secondary level, and is now a master teacher for IDoTeach (Boise State University's UTeach program). She works with pre-service secondary STEM teachers, supervises fieldwork experiences, and provides induction support.

Jason Libberton taught secondary mathematics for eleven years and is now a Regional Math Specialist at Idaho State University. He provides professional development to mathematics teachers and teaches courses for both preservice and inservice mathematics teachers.

**Contact Laurie Cavey (lauriecavey@boisestate.edu)
or Michele Carney (michelecarney@boisestate.edu) for more information!**

