

College of Education STEM Education Research Summit

September 27, 2017 – CUB Junior Ballroom

1:00 p.m. – Opening Session

Welcome – Mike Trevisan, Dan Bernardo, and Noel Schulz

Keynote Speaker – WA STEM

1:30 p.m. – Track One Begins (25 minute presentations – 15 minute Q&A)

Paula Groves Price: Paula Groves Price's research aims to increase Native students' interest in STEM fields. Current projects focus on bringing Native students and teachers to WSU for STEM activities and increasing Native student success in STEM and medical fields.

Tamara Holmlund: Tamara Holmlund's research explores how teachers learn about and implement STEM education in various types of schools, how students learn through project-based STEM activities, and how leadership (e.g., principals, educational administrators) affects STEM education.

2:15 p.m. – Track Two Begins (25 minute presentations – 15 minute Q&A)

Amy Roth McDuffie: Amy Roth McDuffie's research aims to improve mathematics instruction by investigating mathematics teachers' professional development, use of curriculum resources, and culturally relevant practices.

David Slavit: David Slavit's research involves two areas: mathematics teachers' professional development, and students' learning of mathematics, with an emphasis on algebraic thinking.

3:00 p.m. – Track Three Begins (25 minute presentations – 15 minute Q&A)

Chad Gotch and Janet Frost: Chad Gotch's and Janet Frost's research explores the effectiveness of STEM high schools and their innovative approaches to teaching and learning, focusing on the Riverpoint Academy in Spokane.

Don McMahon: Don McMahon's research aims to help students with disabilities succeed using assistive technologies such as mobile devices, virtual reality, augmented reality and wearable devices.

3:45 p.m. – Closing Remarks

Mike Trevisan and President Kirk Schulz

4:00 p.m. – Networking Reception