NC STATE

College of Education

Mathematics Education Doctoral Students 2018/2019



Christina Azmy

Christina is a doctoral candidate in mathematics and statistics education. Her research interests include statistics education, preservice teacher preparation, and teaching self-efficacy.



Nathan Jewkes

I am interested in mathematics graduate teaching assistants' identities and how to support them in their roles as both students and teachers.



Heather Barker

is a PhD student in mathematics and statistics education. Her research interests include professional development and training of preservice/in-service statistics teachers.



Kristi Martin

I am interested in studying pre-service teachers and the teaching and learning of trigonometry.



Brittney L. Black

My research focuses on issues of race in mathematics education. Specifically, the impact of racial and mathematical identities of Black learners.



Douglas McBroom

My research interests involve mathematical self-efficacy and Native-American college students.



Michelle Cudd

Michele is interested in researching equitable student centered practices with a focus mathematical discourse amongst students.



Blain Patterson

Blain Patterson is a PhD candidate in mathematics education. His research focuses on teacher knowledge of advanced mathematics.



Gregory A. Downing

My research focuses on improving teaching practices. Specifically, I research the use of culturally relevant pedagogy in postsecondary mathematics classrooms.



Meetal Shah

Meetal is interested in researching student learning in the middle grades and classroom assessments based on learning trajectories.



Emily Elrod

Emily's research interests are situated around teacher preparation and professional development of K-12 pre-service and in-service teachers of mathematics.



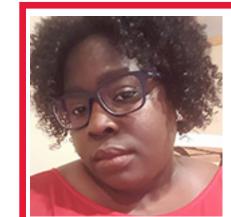
James Smiling

Using simulation software in undergraduate statistics courses In-service teacher professional development Teacher efficacy and student achievement



Joshua Griffin

Research interest includes how middle school mathematics teachers utilize the inquiry cycle in data analysis on interim assessments to influence their teaching.



Elyse L Smith

Taught middle & high school in Spartanburg County, SC for 5 years PhD in Learning and Teaching STEM Education: Mathematics & Statistics Education



Taylor Harrison

Taylor's research focuses on the practice of high school mathematics teachers teaching statistics, as well as enhancing statistics teacher education.



Mona Tauber

My academic interests and research focuses on elementary teacher professional development within the area of mathematics education.



Zachary Vaskalis

Mathematics Education, Statistics Education, Biostatistics, Learning Theories, Curriculum Development, Evaluation and Assessment, and Empathy