Mathworks: From Research to Practice in Mathematics Education

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Abstract: In this presentation, we will share our experiences working with Mathworks this summer writing curriculum, teaching a middle school math camp class, and working on articles for publication. We will share some insights into working with this special mixed population of regular and advanced students, and we will also share an example of the types of activities we found successful with these students.
Christina Starkey is a PhD student in the Mathematics Education program at Texas State University. She received her undergraduate degree in mathematics at Texas State University. She is interested in researching how students learn to write mathematically, specifically mathematical proofs.

Nama Namakshi is a PhD student in Mathematics Education at Texas State University. Nama also holds a BS in computer science from Angelo State University, and a M. Ed in Mathematics Education from Texas State University. Her research interests are associated with informal mathematics programs such as math camps and the effect they have on women’s participation in STEM fields.

Sonalee Bhattacharyya is a PhD student in Mathematics Education at Texas State University. She obtained her bachelors and masters degrees in mathematics from Texas A&M and Texas State University, respectively. She is interested in teacher education and professional development.

Christina Zunker is a PhD student in Mathematics Education at Texas State University. Christina earned a BS in Mathematics with Teaching Certification from Texas A&M University Kingsville, and a MS in Mathematics from Texas State University. Her research interests have involved Autism in education and is interested in student learning processes.