

**12<sup>th</sup> Annual GAMTE Conference**  
**October 17, 2018**  
**Rock Eagle 4-H Center – Gas Building**

**9:30 – 10:00**

Coffee/Donuts and Registration

**10:00 – 10:25**

Speakers: Don Brown and Richard Kilburn – Middle Georgia State University  
Title: Using Their Strengths: Preservice Teachers Illustrate Mathematics Through Fiction  
Room: Gas Building #2

Speakers: Eryn Stehr and Tuyin An – Georgia Southern University  
Title: How to Be a Mathematician: Complexifying Mathematical Smartnesses  
Room: Gas Building #3

**10:40 – 11:05**

Speaker: Halil Tasova – University of Georgia  
Title: What is Essential to the Concept of Rate of Change in Dynamic Situations and Graphs?  
Room: Gas Building #2

Speakers: Ha Nguyen, Chasen Smith, and Gregory Chamblee – Georgia Southern University  
Title: K-8 Preservice Teachers' Understanding of the Mean and Median  
Room: Gas Building #3

**11:20 – 11:45**

Speakers: Susan Cannon and Kayla Myers – Georgia State University  
Title: Collaboration, Reflection, and Tension: Preparing Pre-service Elementary Mathematics Teachers  
Room: Gas Building #2

Speaker: Nissa Summerlin – Kennesaw State University  
Title: Providing Equal Access to Problem Types Throughout Fractions Instruction  
Room: Gas Building #3

**11:45 – 1:15**

Business Meeting and Lunch

For those who reserved by **October 2<sup>nd</sup>**, lunch will be served in the Gas Building #1

### **1:30 – 1:55**

Speakers: Kimberly Gardner, David Glassmeyer, Roneisha Worthy, and Andrew Smith – Kennesaw State University  
Title: Building Teachers' Cross-Disciplinary Knowledge for STEM Integration: Features of Effective STEM Education Professional Development  
Room: Gas Building #1

Speakers: Tuyin An, Ha Nguyen, and Eryn Stehr – Georgia Southern University  
Title: Pre-service K-8 Teachers' Learning of Measurement Unit Conversion Problems  
Room: Gas Building #2

Speakers: Susanna Molitoris Miller and Amy Hillen – Kennesaw State University  
Title: Using Robbing in Catan to Develop Reasoning about Fraction Comparisons  
Room: Gas Building #3

### **2:10 – 2:35**

Speaker: Eun Jung – University of Georgia  
Title: Quantitative Reasoning with Measurement Division  
Room: Gas Building #1

Speakers: Heidi Eisenreich and Ha Nguyen – Georgia Southern University  
Title: Supporting K-8 Preservice Teachers to Develop Reasoning Strategies for Comparing Fractions  
Room: Gas Building #2

Speakers: Susanna Molitoris Miller and Wendy Sanchez – Kennesaw State University  
Title: A Taste of Three Ways to Approach the Formula for the Volume of a Sphere  
Room: Gas Building #3

### **3:00 – 4:00**

Mathematics Teacher Education Partnership Meeting  
Gas Building #1

The Mathematics Teacher Education Partnership is a national research endeavor to transform secondary mathematics teacher preparation programs, including over 100 universities, community colleges, K–12 school districts, and state departments of education. The Georgia team, spearheaded by Georgia State University, has participated since the project's inception in 2012. This meeting is for both participating members and those interested to join. Learn more about the project at <http://www.aplu.org/mtep> or contact Brian Lawler for specifics about this gathering <[blaw@kennesaw.edu](mailto:blaw@kennesaw.edu)>

### **After GATME**

Pre-Conference Activities and Registration for the Georgia Mathematics Conference