

Name of Submitter: David L. Chamblee.

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Presentation Title: *Applying Active Learning Strategies in Closing the STEM Diversity Gap*

The principal investigator and co-principal investigator will share the results of their recent research in which they partnered with Core Technology Molding Company in Greensboro and the Summer Freedom Program at North Carolina A&T State University to investigate minority elementary and middle school students' perceptions of active learning strategies applied to develop a positive attitude toward a career in a STEM field. Participants will learn about effective active learning strategies that had a positive effect on students' perceptions toward a career in a STEM field and information for their students to potentially participate in a free summer STEM camp.

Presentation Target:

Middle School

Presenter(s):

1. David L. Chamblee, Assistant Professor, North Carolina A & T State University
2. Tosha Rooks, Associate Professor and Director of Educator Preparation Program,
North Carolina A & T State University
3. Geoff Foster, Chief Executive Officer, Core Technology Molding Corporation