

CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, November 8

3:00 – 4:00 PM

Maria Sanford, Room 101

**USING GLOBAL AND COMMUNITY
MATH STORIES AS A FOUNDATION FOR
DESIGNING AND IMPLEMENTING CULTURALLY
RELEVANT MATHEMATICS LESSONS IN THE
UNITED STATES AND SOUTH AFRICA**

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Abstract: There is an increasing demand for more equitable outcomes in mathematics education, particularly for students who have been historically marginalized in math classrooms. Dr. Jones and her colleagues (Matthews et al., 2023) suggest that culturally relevant math tasks hold great potential in fostering equitable teaching and learning for all students.

In this session, Dr. Jones and colleagues will present the findings from her sabbatical project, which focuses on incorporating global and community-based math stories into K-12 math instruction. This includes a teacher exchange with educators from South Africa and the United States.

By building on students' existing knowledge and experiences, this approach aims to cultivate a positive math identity, helping students become more confident in their mathematical abilities. This work also has implications for college-level mathematics classrooms, including preservice teacher education and general math courses.

To join us online use the following link: <https://ccsu.webex.com/meet/gotchey>
For further information: gotchevi@ccsu.edu; 860-832-2839; <http://mathcolloquium.sites.ccsu.edu/>