

The Department of Mathematics presents the

# Dr. Marjorie Lee Browne Colloquium

as part of the University of Michigan's  
Rev. Dr. Martin Luther King, Jr. Symposium



## Professor Ricardo Cortez

Pendergraft William Larkin Duren Professor of Mathematics  
Chair, Mathematics Department & Director, Center for Computational Science  
Tulane University

### *Mathematics and Participation in Mathematics: Lessons From Marjorie Lee Browne's Life*

Marjorie Lee Browne loved mathematics. She is perhaps best known as a mathematics educator who worked tirelessly to strengthen secondary school teacher preparation. We can only speculate on her potential research contributions that were never realized due to discriminatory hiring practices at the time. As an educator, she worked to increase the participation of Blacks in mathematics by exposing students to its beauty and new opportunities. Seventy years after her PhD, the efforts to increase the participation in mathematics of African American, Latinx, and Native American students, who deserve this opportunity, continues – but the success is moderate. The speaker will describe his connection to Marjorie Lee Browne and his approaches to advancing mathematics, teacher preparation, and increasing the participation of marginalized populations in mathematics. He will highlight ways in which all attendees can become actively involved in such efforts.

**Monday, January 20, 2020**  
**4:00 p.m. • Room 1360 East Hall**  
**530 Church Street, Ann Arbor, MI**  
Reception to follow in the Mathematics Atrium

The Colloquium honors Dr. Marjorie Lee Browne, the first African-American woman to earn a PhD in Mathematics from the University of Michigan. It is supported by the Carroll V. Newsom fund.

For information please contact the Math Department at (734) 764-0335 or see [lsa.umich.edu/math/seminars/mlk/](http://lsa.umich.edu/math/seminars/mlk/)