

*Student  
Seminar*

# *Pi Mu Epsilon*

---

& GAMECOCK MATH CLUB

## Teaching Calculus Through a Culturally Responsive Lens

by Mike Hall, Johns Hopkins University  
School of Education  
Clinical Faculty



Mike Hall

This presentation will incorporate the ideals of traditional calculus instruction with the concepts of culturally responsive teaching and learning in a way that illustrates the benefits of using personal experiences as an effective way to engage learners in meaningful ways. In addition, culturally responsive teaching is intended to empower learners in developing their own ways of understanding and communicating about mathematics. This presentation will include the key components of culturally responsive teaching in a general sense where mathematics is concerned and multiple examples using calculus topics to engage students in culturally responsive learning.

James Michael (Mike) Hall received his PhD (Educational Leadership-Mathematics Education) from the University of Mississippi in 2002. His research interests include mathematics self-efficacy, teacher efficacy, and learner autonomy. During his career, Mike has served on many local and state curriculum reform committees that oversee implementation of content and assessment such as the Common Core State Standards and the PARCC Assessment, and the board of the National Council of Supervisors of Mathematics.

Tuesday 2<sup>nd</sup> March 2021  
7:00 pm via Zoom

Email [sanders@math.sc.edu](mailto:sanders@math.sc.edu) for Zoom link.

For more info visit PME/GMC on FaceBook and at <http://people.math.sc.edu/pme/>