

*Student
Seminar*

Pi Mu Epsilon

& GAMECOCK MATH CLUB

The Mathematics Behind the Fairness of Voting

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Throughout history voters have been left puzzled and outraged over election results. Certainly, the choice of method to choose a winner (or winners) has frequently left many members of an electorate feeling as if the method violated some sort of “fair condition”. In this light we should perhaps choose a method of selecting winner(s) based on how “fair” the method is. In this talk we will discuss the question “How fair can a method of choosing winner(s) truly be?” from a mathematics point of view.

Growing up in a small town in Eastern Kentucky, Dr. Leach always wanted to be a high school math teacher. However, as he advanced in his undergraduate math classes at the University of Kentucky, he fell in love with the true art that is Mathematics, so he continued his education at the University of Louisville to get a PhD in Applied & Industrial Mathematics. Now at Lander University as an Assistant Professor of Mathematics, he finds great fulfillment in teaching and mentoring students in mathematics. In his spare time, he enjoys doing DIY home projects with his partner, spoiling their dog Wally, and playing the occasional game.

Tuesday 23rd March 2021
7:00 pm via Zoom

Email sanders@math.sc.edu for Zoom link.

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