

"MATHEMATICS AND SOCIAL JUSTICE"

The EMU Department of Mathematics and Statistics is pleased to present the Winter 2019

Donald Buckeye Guest Lecture

Dr. Hyman Bass, Elena Crosley, and Matthew Dahlgren
of the University of Michigan

Thursday, March 14th 2019. Room 204 Pray-Harold. 4:00 pm



America has a long, painful, and continuing history of social injustice, and this is now particularly divisive. Mathematics is importantly implicated in some of these issues, in ways not widely known or appreciated. Mathematics is a tool sometimes used for oppression, but it can be, at the same time, a resource to disrupt such practices. What is there, then, for an educated citizen to understand about mathematics to help build a socially just society? This talk will explore a few of these topics such as : "Voter Fraud;" Social Choice (the Electoral College); Gerrymandering; Bank lending (Redlining); Payday loans; Bias in hiring; and the "School to Prison Pipeline." This line of inquiry has led to an experimental new course at the University of Michigan.

Refreshments will be provided. Open to all, no special mathematical background needed.
For more information contact Dr. Amy Shell-Gellasch, ashellge@emich.edu

