

Explaining the Math of Queer Relationship Dynamics

Edison Hauptman

*University of Pittsburgh
and Marist Mathematics '21*



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A common misconception about math is that it has little to say about our evolving social values. In this talk, I will speak to the responsibility that math has to create an inclusive space for everyone who uses it. As a case study, we will look at a famous problem from the field of Combinatorics: The Stable Marriage Problem.

The Stable Marriage Problem is often introduced by taking one group of men and one group of women, and then asking if there is a way to marry the men and women such that no two people prefer one another to their current partners. In this talk, I will introduce the problem from a new angle, then explain how it changes when we include the experiences of queer people. This talk is designed to be accessible to everyone regardless of math background, but anyone interested in Math Education, Combinatorics, or both is especially encouraged to attend.