

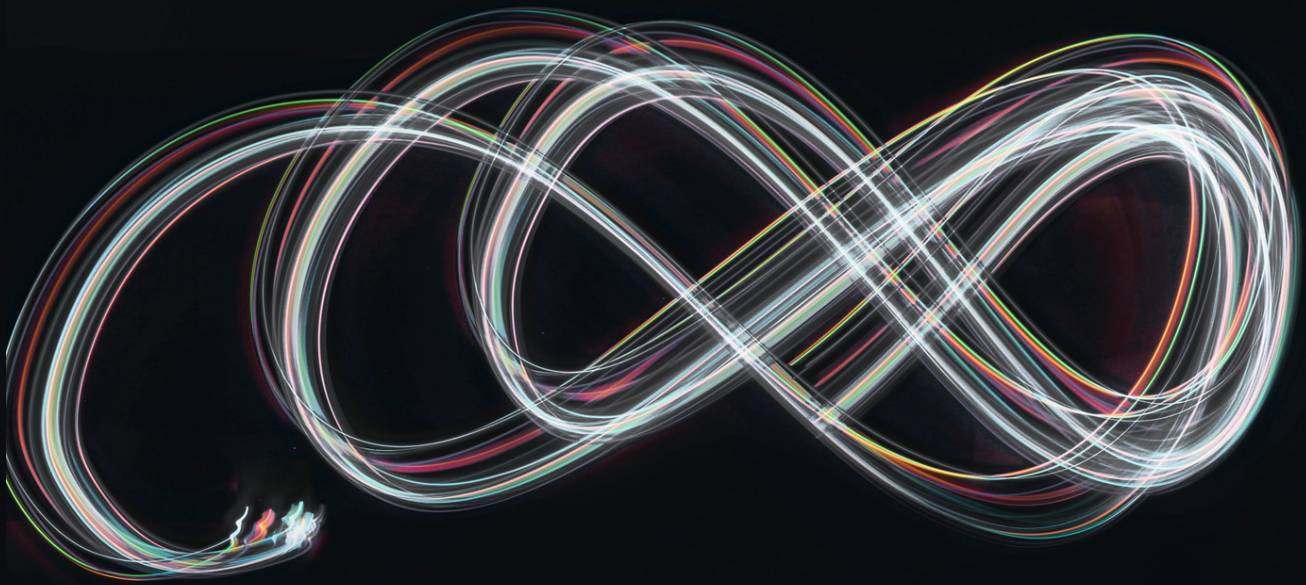
THE DEPT OF CHEMISTRY, PHYSICS, AND MATHEMATICS
PRESENTS:

A MINI MATH TALK

PARADOX AND THE UNKNOWABLE IN MATHEMATICS

presentation by Dr. Rachel Epstein

WED OCT 7 5PM A&S 272



ABSTRACT:

Many people think of mathematics as something with concrete answers, where every statement is either true or false and everyone agrees on everything. However, when you get deep into the logical foundations of mathematics, a lot of unexpected things happen, leading to uncertainty and disagreement. In this presentation, we will explore some of the weird results of set theory and mathematical logic, such as the Banach Tarski Paradox and Gödel's Incompleteness Theorems.

Mini Math Talks are 20-30 minute presentations about anything related to math, given by GCSU faculty and students. All are welcome to attend!



SNACKS PROVIDED!

