

THE DEPARTMENT OF MATHEMATICS PRESENTS:

## MINI MATH TALK

# MY DATING NETWORK: AN AMATEUR MATHEMATICAL ANALYSIS OF ROMANTIC CONNECTIONS

presentation by MaKayla McLeod

Networks are complex systems in everyday life. Everyone has networks in their life. Some are more interesting than others, due to their structure, dynamics, and unexpected patterns. In this talk, we will review basic concepts from network theory, and focus on one of the most personally compelling examples: my dating network. Through this case study, we will illustrate key ideas such as centrality, community detection, and connectivity, and show how math is everywhere.

This talk will be accessible to all undergraduate students.

**WED, FEB 25, 5PM, A&S 243**

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!**

