

Mathematical Science Graduate Student Virtual Open House Saturday, October 30, 2021 | 11 am – 1 pm EST

Are you considering in a graduate degree in mathematics? Interested prospective masters or PhD graduate students are welcome to attend our virtual open house.

We have a number of fully funded GTA/GRA positions available.

The purpose of the open house is to provide an overview of the program and opportunities for funding, to learn about potential research areas and groups and to provide ample time to meet and chat with faculty and current graduate students in an informal setting.

Schedule

- 11:00 - 11:30 Program Overview
- 11:30 – 12:00 Faculty Introductions
- 12:00 – 12:30 Graduate Student Q&A
- 12:30 – 1:00 Informal Discussion

About George Mason University

George Mason University is located in Fairfax, VA (a suburb of Washington DC). The Mathematical Sciences Department has 27 tenure or tenure track-faculty with a diverse portfolio of research and activities. There are 65 students in the MS and PHD program. Our graduates are widely employed in academia, industry and government.

Faculty Research Interests

Pure/ Foundational Mathematics

- Commutative Algebra
- Algebraic and Differential Geometry
- Graph Theory
- Combinatorics
- Complex Analysis
- Potential Theory
- Harmonic Analysis
- Category Theory
- Topology

Applied/Computational Mathematics

- Partial Differential Equations
- Numerical Analysis
- Dynamical Systems
- Optimization
- Mathematical Biology
- Computational Materials
- Modeling
- Data Science
- Quantum Computing

Our activities include:

- ▶ Mason Experimental Geometry Lab (MEGL)
- ▶ PhD Industrial Immersion Program
- ▶ Center for Mathematics and Artificial Intelligence (CMAI)
- ▶ Partnerships with School of Computing, Institute for Digital Innovation, Institute for Sustainable Earth, and Institute for Biohealth Innovation
- ▶ Outreach to high schools
- ▶ 3D Printing Lab

