Graduate Program in Mathematics at University of Arizona

Come study Mathematics at the University of Arizona in Tucson!

* All incoming PhD students are invited to a 5-day "Integration Workshop" to meet your colleagues and begin your graduate experience.
* All PhD students complete a project in their second year to ensure an early introduction to research.
* Tucson has more than 300 sunny days per year and is surrounded by several mountain ranges with peaks over 9,000 feet.
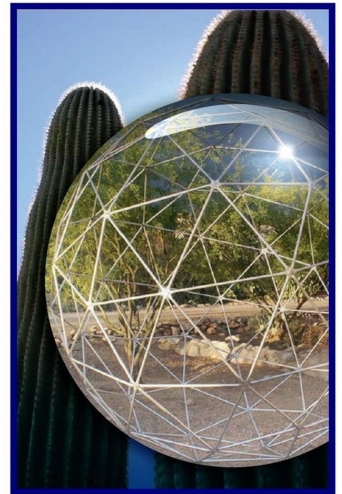

Photo by Guada Lozano: Sculpture by Ron Stansfield: Design by Roma Krebs

Research

* **Algebra and Geometry:** group theory, number theory, arithmetic and algebraic geometry, topology and geometry
* **Analysis:** analysis and its applications, dynamical systems, geometric analysis, mathematical physics
* **Applied Mathematics:** computational science and numerical analysis, fluids and mechanics, mathematical biology, nonlinear waves, optical science
* **Mathematics Education:** K-12 education, undergraduate education, equity, outreach and informal mathematics, teacher education
* **Probability and Statistics:** stochastic processes, machine learning, random graphs, probability models and applications, data science

Outreach

Many of our students are involved in outreach activities including K-12 classroom visits, math circles, teacher circles, public events, and workshops.

Funding

PhD students are funded through a combination of sources including teaching assistantships, research assistantships, outreach assistantships, and fellowships. Teaching assistants may have their own sections that they teach, and have the opportunity to teach a variety of math courses. Research assistantships are supported by individual and training grants. Other funding opportunities include funding to do outreach to local schools (supported by the college, industrial sponsors, or NSF/NASA, etc.) training (such as the NIH/NIGMS Training Grant in Computational Biology), paid internships, or university initiatives (such as Graduate Access and University Fellows Program).

Job Placement

Recent PhD graduates from the UA program are employed in academic positions (Dartmouth College, Savannah College of Art and Design, Ben-Gurion University, New York University of Global Public Health), industry (Raytheon, Wells Fargo, American Express, CIT Bank, Google), and government (NSA, Mexican National Institute of Public Health).

Diversity Commitment

We encourage applications from traditionally under-represented groups. There are some unique funding opportunities for members of such groups including Graduate Access Fellowships for students who are first generation college students, have financial need, or have had other significant disadvantages or challenges. The UArizona School of Mathematical Sciences is a Silver Center Member of the Math Alliance Center and students who are part of the Math Alliance can apply for an application fee waiver. The University of Arizona is a Hispanic Serving Institution. Graduate students have an active chapter of the Association for Women in Mathematics (AWM).

THE UNIVERSITY OF ARIZONA
College of Science
DEPARTMENT OF MATHEMATICS

Graduate Program
617 N. Santa Rita Avenue
Tucson, Arizona 85721
https://math.arizona.edu/academics/grads
gradoffice@math.arizona.edu

Applications for Fall 2024 are due on January 1, 2024

Please scan the QR code for a link to our website and application requirements.

Please join us for Open House on Wednesday, November 1, 2023, 10 AM (MT), 1 PM (ET), 12 PM (CT), 10 AM (PT)

RSVP https://forms.gle/wVYq1QwWTBU38EYU6