



THE SYLVIA BOZEMAN AND RHONDA HUGHES  
EDGE FOUNDATION

# The EDGE Summer Program

The annual EDGE Summer Program empowers a cohort of women mathematicians to succeed in their math PhD programs. Participants develop a toolkit for success through rigorous workshops, collaborative problem sessions, research presentations, colloquia, and community-building events. The four week program uses strategies proven to increase retention in graduate school.

## A Program That Works

For 20+ years, the EDGE Summer Program has successfully increased diversity in mathematics in order to enrich the US workforce, transform STEM education, propel innovative research, and uplift future STEM leaders. EDGE alumni are in visible leadership positions in all mathematical sectors: as of Spring 2021, over 110 EDGE participants work in academia or education, 7 work in government (such as the CDC and the Census Bureau), and 43 work in industry. The EDGE Program has received numerous awards for its success, including the Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM).

## Apply Today

Applicants to the program should be women who: 1) are applying to PhD programs in the mathematical sciences or 2) just completed their first year in a PhD program in the mathematical sciences. Women from underrepresented minority groups are especially encouraged to apply. Applications are due February 1, 2022.

“I will most remember the unique mathematical environment full of curious and passionate women... It was life-changing to do math with such an uplifting community.”

## What You'll Do

- 4 core workshops in Algebra, Analysis, Measure Theory, and Machine Learning. Mini-courses in Probability and MATLAB.
- Daily collaborative problem sessions with advanced graduate student mentors.
- Regular office hours and highly personalized feedback from facilitators.
- Weekly colloquium on a variety of research topics.
- Special discussions on equity and identity in mathematics, teaching practices, and other professional development skills.

## EDGE Summer Program Outcomes

- Gain a practical grounding in graduate-level work through rigorous coursework;
- Develop collaborative and interpersonal skills key to your success in STEM;
- Cultivate thoughtful consideration on issues of equity and identity within the mathematics profession; and
- Build a personal and professional network that supports you throughout your graduate studies and beyond.

