Texas Women in Mathematics Symposium (TWIMS) Proposal

Summary: TWIMS is a one-day conference for women in mathematics, which includes a plenary speaker, breakout sessions, parallel talks, and networking opportunities.

Objectives: Graduate students, postdocs, and professors in Texas will:

- Learn about the research of other women in Texas
- Present their work in a supportive, non-threatening environment
- Network with other Texas women mathematicians
- Explore issues surrounding being a woman in mathematics
- Find collaborators and mentors and begin long-lasting professional relationships

Schedule: Morning and afternoon parallel talk sessions, one-hour plenary speaker (below), breakout session OR panel (depending on applicants' preferences), breakfast, two networking and coffee breaks, lunch, poster session, and wrap-up social hour with wine and snacks. See for example, WIMS2 and WIMS3 for examples.

Plenary speaker: Shelly Harvey is a professor at Rice University whose research interests lie in low-dimensional topology and geometry, group theory, and non-commutative algebra. Among other honors, she is a 2014 Simons Fellow in Mathematics and a Fellow of the American Mathematical Society. She has also advised several graduate students and postdocs and has been very active in mentorship and community building at Rice and Houston.

Location: RLM, Saturday, November 5th, 2016.

Budget:

Travel funding	$2500
Hotels: blocking off 15 two-person rooms for one night and 5 rooms for two nights	$5000
Childcare fund	$500
Food: Breakfast Coffee breaks Lunch Social Hour	$200 $100 $500 $200
Speaker	$200
Security/Alcohol	$800?
TOTAL	$10000

Past success: WIMS has been going on for nearly a decade in Southern California (supported by the EDGE foundation and host colleges), and the main TWIMS organizer also founded MidwestWIMS (changing support sources, including NSF, AWM, IMA, and host colleges), which is going on its fifth year. We hope TWIMS will also become an annual traveling conference.

Organizers: Yen Duong, Michelle Chu, Hannah Turner