Funding Opportunities for Mathematics Graduate Students

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Teaching Assistantships

• Most common form of funding
• Can be split by semester
e.g. TA in Fall, RA in Spring
• Can be split within a semester
  e.g. 25% TA and 25% RA
• Up to 6 years of funding (or 5 years if you enter with a Masters degree), provided you make good progress academically and perform TA duties satisfactorily
• Request in Spring for following year
• Annual raise determined by grad union contract
Research Assistantships

• Funding typically comes from your adviser’s grant (e.g. Campus Research Board, or NSF, or another granting agency). So first you need to get an adviser!

• RA stipend is usually the same as a TA stipend.

• RA position usually leaves you with plenty of time for your own research.

• Talk to your adviser about possible funding.

• GEAR internship – research in Geometric Structures at various universities.
Math Department and Grad College Fellowships

- Small number available. Highly competitive.
- Based on excellent academic performance
- Fellowship stipend is same as for TA
- Grad College offers Dissertation Completion fellowships
- No duties - time to concentrate on your research!
- Applications announced in the Spring
Summer funding options

- Save money from your stipend during the year
- Summer TA – Math or NetMath about 20 positions
- RA through adviser’s grant
- [PI4 funding](#) (restricted to US students)
- [GEAR-REGS](#) – research in Geometric Structures and Representation Varieties at various universities.
- Summer schools in U.S. or abroad (talk to professors in your area)
- Paid internship at a company or national lab (arrange by yourself, or through a professor or through PI4)

Read “grad-announce” emails to learn about opportunities!
External Fellowships

• Graduate College Fellowship Database
  https://www.grad.illinois.edu/fellowship/

• Many are restricted to US students
• Many restrict to certain fields of study, demographic characteristics of applicant, dissertation year, or other criteria

• International students – seek funding opportunities from your home country and university
• Fulbright Foreign Student Program
  http://foreign.fulbrightonline.org
Fellowships held by Math grad students

- **NSF-GRF**: Amelia Tebbe, Oliver Pechenik, Michelle Delcourt, William Karr, Mychael Sanchez, Anthony Sanchez, Kyle Pratt, Marissa Loving, Samuel Cavazos
- **National Physical Science Consortium**: Erin Compaan, David Hannasch
- **Ford Foundation**: Michael Santana, Vanessa Rivera
- **NDSEG**: Sarah Mousley
- **AAUW Career Development Grant**: Emily Schlafly
- **ARCS Foundation Scholar**: Nickolas Andersen
- **Royal Thai Scholarship**: Natawat Klamsakul, Witsarut Pho-on, Siraprapa Rawig, Sakulbuth Ekvittayaniphon
- **NSERC (Canada)**: Nigel Pynn-Coates
- **Armenian General Benevolent Union**: Nerses Aramyan
External Fellowships for U.S. students

Talk with Karen Mortensen if you think you might be eligible

- **National Physical Science Consortium - Graduate Fellowships in Science, Engineering, & Math**
- **Ford Foundation Predoctoral Fellowships**
- **National Defense Science and Engineering Graduate (NDSEG) – Fellowship**
- **U.S. Department of Energy Computational Science Graduate Fellowship**
- **Microsoft Research - Graduate Scholarship Program for Women in Computer Science, Electrical Engineering, and Mathematics** (international students eligible too).
NSF Graduate Research Fellowship for U.S. students

• Stipend ≈ $34,000 per year
• Why to apply: money, freedom, prestige, application experience.
• Most 1st year U.S. students should apply
• Deadline: Oct. 30, 2015
• Criteria: intellectual merit & broader impact
• Help with applications: faculty, Grad College, Karen Mortensen in our department
Workshop: National Science Foundation (NSF) Graduate Research Fellowship

Sept. 11, 1:30-3:30pm in Alice Campbell Alumni Center.

Watch your email for registration information.

The Graduate College’s Office of External Fellowships will hold a workshop on the NSF Graduate Research Fellowship. The workshop will provide an extensive overview of the fellowship program and offer tips on how to prepare effective applications.