

# Mathematics Opportunities

Listings for upcoming math opportunities to appear in Notices may be submitted to [notices@ams.org](mailto:notices@ams.org).

## American Mathematical Society Centennial Fellowship

*Invitation for Applications for Awards for 2018–2019*  
**Deadline December 1, 2017**

*Description:* The AMS Centennial Research Fellowship Program makes awards annually to outstanding mathematicians to help further their careers in research. The number of fellowships to be awarded is small and depends on the amount of money contributed to the program. The Society supplements contributions as needed. At least one fellowship will be awarded for the 2018–2019 academic year. A list of previous fellowship winners can be found at [www.ams.org/profession/prizes-awards/ams-awards/centennial-fellow](http://www.ams.org/profession/prizes-awards/ams-awards/centennial-fellow).

*Eligibility:* The eligibility rules are as follows. The primary selection criterion for the Centennial Fellowship is the excellence of the candidate's research. Preference will be given to candidates who have not had extensive fellowship support in the past. Recipients may not hold the Centennial Fellowship concurrently with another research fellowship such as a Sloan or NSF Postdoctoral fellowship. Under normal circumstances, the fellowship cannot be deferred. A recipient of the fellowship shall have held his or her doctoral degree for at least three years and not more than twelve years at the inception of the award (that is, received between September 1, 2006, and September 1, 2015). Applications will be accepted from those currently holding a tenured, tenure track, postdoctoral, or comparable (at the discretion of the selection committee) position at an institution in North America. Applications should include a cogent plan indicating how the fellowship will be used. The plan should include travel to at least one other institution and should demonstrate that the fellowship will be used for more than reduction of teaching at the candidate's home institution. The selection committee will consider the plan, in addition to the quality of the candidate's research, and will try to award the fellowship to those for whom the award would make a real difference in the development of their research careers. Work in all areas of mathematics, including interdisciplinary work, is eligible.

*Deadline:* The deadline for receipt of applications is **December 1, 2017**. The award recipient will be announced in February 2018 or earlier if possible.

*Application information:* Find Centennial application information at [www.ams.org/ams-fellowships/](http://www.ams.org/ams-fellowships/). For questions, contact the Professional Programs Department, American Mathematical Society, 201 Charles Street, Providence, RI 02904-2294; [prof-serv@ams.org](mailto:prof-serv@ams.org); 401-455-4096.

—AMS Professional Programs Department

## NRC-Ford Foundation Fellowships

The Ford Foundation seeks to increase the diversity of the nation's college and university faculties, to maximize the educational benefits of diversity, and to increase the number of professors who can and will use diversity to enrich the education of all students. All citizens or nationals of the United States are eligible. The fellowships are awarded to individuals who demonstrate superior academic achievement and who are committed to a career in teaching and research at the college or university level. Approximately sixty-five Predoctoral Fellowships will provide three years of support for individuals engaged in graduate study leading to a PhD or ScD degree (deadline **December 14, 2017**), approximately thirty-six Dissertation Fellowships will provide one year of support for individuals working to complete a dissertation leading to a PhD or ScD degree (deadline **December 7, 2017**), and approximately twenty-four Postdoctoral Fellowships will provide one year of support for individuals engaged in postdoctoral study after the attainment of the PhD or ScD degree (deadline **December 7, 2017**). See [sites.nationalacademies.org/pga/fordfellowships/](http://sites.nationalacademies.org/pga/fordfellowships/), or contact [infofell@nas.edu](mailto:infofell@nas.edu).

—From the Ford Foundation Fellowships website

## AWM Travel Grants for Women

The National Science Foundation (NSF) and the Association for Women in Mathematics (AWM) sponsor travel grant programs for women mathematicians. AWM Travel Grants for Women Researchers enable women to attend research conferences in their fields. AWM Mathematics Mentoring Travel Grants are designed to help junior women develop long-term working and mentoring relationships with senior mathematicians. See <https://sites.google.com/site/awmmath/programs/travel-grants> for application materials and deadlines, or e-mail: [awm@awm-math.org](mailto:awm@awm-math.org).

—From an AWM announcement

## Call for Nominations for Clay Research Fellowships

The Clay Mathematics Institute solicits nominations for Clay Research Fellowships. Fellows are appointed for a period of one to five years. They may conduct their research at whatever institution or combination of institutions best suits their research. In addition to a generous salary, the fellows receive support for travel, collaboration, and other research expenses. The deadline for nominations is **November 16, 2017**. For more information, see [www.claymath.org/programs/fellowship-nominations](http://www.claymath.org/programs/fellowship-nominations).

—From a Clay Mathematics Institute announcement

## 2017 SACNAS Conference

The Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS) 2017 National Diversity in STEM Conference, to be held October 19–21, 2017, in Salt Lake City, provides three days of cutting-edge science, training, mentoring, and cultural activities for students and scientists at all levels. In particular, there will be programs and mentoring in mathematics. For more information, including travel support, see the conference home page: <https://tinyurl.com/yaphmb37>.

—From a SACNAS announcement

## Field of Dreams Conference

The National Alliance for Doctoral Studies in the Mathematical Sciences is pleased to announce the Eleventh Annual Mathematical Field of Dreams Conference, to be held November 3–5, 2017, in St. Louis, Missouri. The conference brings together faculty in the mathematical sciences with students from backgrounds underrepresented in those fields. To learn more and register, visit

<https://mathalliance.org/2017-field-of-dreams-conference>.

—From a Math Alliance announcement

## News from AIM

The American Institute of Mathematics (AIM) is accepting applications for its scientific programs: Focused Workshops and SQuaREs.

**Focused Workshop Program:** These week-long workshops are distinguished by their specific mathematical goals. They may involve making progress on a significant unsolved problem or examining the convergence of two distinct areas of mathematics. Workshops are small in size—up to twenty-eight people—to allow close collaboration among the participants. Each workshop supports several participants through an open application process. A list of upcoming workshops is available at <https://protect-us.mimecast.com/s/05J3Bas7Y1VC2?domain=aimath.org>.

**SQuaREs Program:** The Structured Quartet Research Ensembles program brings together groups of four to six researchers for a week of focused work on a specific research problem, returning for up to three consecutive years.

The deadline for applications is **November 1, 2017**. See the website [www.aimath.org](http://www.aimath.org).

—AIM announcement



### MATHEMATICAL SCIENCE OPPORTUNITIES FROM THE AMS

The AMS Online Opportunities Page provides another avenue for the math community to **Announce** and **Browse:**

- **Calls for fellowship appointments**
- **Prize and award nominations**
- **Grant applications**
- **Meeting and workshop proposals**

**search now!**

[www.ams.org/opportunities](http://www.ams.org/opportunities)