Mathematics Opportunities

Math in Moscow Scholarship Program

The Math in Moscow program at the Independent University of Moscow (IUM) provides students with a semester-long, mathematically intensive program of study in the Russian tradition of teaching mathematics—the emphasis being on problem solving rather than memorizing theorems. All instruction is in English. With funding from the National Science Foundation (NSF), the AMS awards five scholarships each semester to US students. The deadline for applications for the scholarship program for the spring 2017 semester is September 15, 2016. Information and application forms for Math in Moscow are available at www.mccme.ru/mathinmoscow and application forms for the AMS scholarships at www.ams.org/programs/travel-grants/mimoscow.

Call for Nominations for 2016 Abel Prize

The Norwegian Academy of Science and Letters awards the Abel Prize each year to recognize outstanding scientific work in the field of mathematics, including mathematical aspects of computer science, mathematical physics, probability, numerical analysis and scientific computing, statistics, and also applications of mathematics in the sciences. The prize carries a cash award of 6 million NOK (approximately US$718,000). Nominations should be postmarked by September 15, 2016. For more information, see www.abelprize.no/c53676/artikkel/vis.html?tid=53705.

Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences

The Division of Mathematical Sciences in the Directorate for Mathematical and Physical Sciences at the National Science Foundation (NSF) and the National Institute of General Medical Sciences (NIGMS) at the National Institutes of Health support research in mathematics and statistics on questions in the biological and biomedical sciences. This program is designed to encourage new collaborations, as well as to support existing ones. The deadline date for full proposals is September 14, 2016. For more information see the website www.nsf.gov/funding/pgm_summ.jsp?pims_id=5300&org=NSF&sel_org=NSF&from=fund.

Research Experiences for Undergraduates

The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation (NSF). Student research may be supported in two forms: REU sites and REU supplements. The full program announcement can be found at the website www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517. The deadline date for proposals from

*The most up-to-date listing of NSF funding opportunities from the Division of Mathematical Sciences can be found online at www.nsf.gov/dms and for the Directorate of Education and Human Resources at www.nsf.gov/dir/index.jsp?org=ehr. To receive periodic updates, subscribe to the DMSNEWS listserv by following the directions at www.nsf.gov/mps/dms/about.jsp.
institutions wishing to host REU sites in the mathematical sciences is **August 24, 2016**.

Deadline dates for REU supplements vary with the research program; contact the program director for more information. Students apply directly to the REU sites (not NSF) and should consult the directory of active REU sites on the Web at [www.nsf.gov/crssprgm/reu/list_result.jsp?unitid=5044](http://www.nsf.gov/crssprgm/reu/list_result.jsp?unitid=5044).

—From an NSF announcement

**NSA Mathematical Sciences Grants Program**

The Mathematical Sciences Grants Program of the National Security Agency (NSA) supports self-directed, unclassified research in the areas of algebra, number theory, discrete mathematics, probability, and statistics through Young Investigators Grants and Standard Grants. The program does not support research in cryptology. Investigators must be US citizens or permanent residents of the United States. Proposals must be annually submitted through the Proposal Submission website. See [https://www.nsa.gov/what-we-do/research/math-sciences-program/](https://www.nsa.gov/what-we-do/research/math-sciences-program/).

—From an NSA announcement

**Call for Nominations for Gerald Sacks Prize**

The Association for Symbolic Logic invites nominations for the Gerald Sacks Prize for the most outstanding doctoral dissertation in mathematical logic. The deadline is **September 30, 2016**. See [www.aslonline.org/info-prizes.html](http://www.aslonline.org/info-prizes.html) or [www.aslonline.org/Sacks_nominations.html](http://www.aslonline.org/Sacks_nominations.html).

—From an ASL announcement

**Call for Nominations for AWM Falconer Lectureship**

The Association for Women in Mathematics (AWM) and the Mathematical Association of America (MAA) annually present the Etta Z. Falconer Lecture to honor women who have made distinguished contributions to the mathematical sciences or mathematics education. These lectures are presented at MAA MathFest each summer. The deadline for nominations is **September 1, 2016**. For more information see the website [https://sites.google.com/site/awmmath/programs/falconer-lectures](https://sites.google.com/site/awmmath/programs/falconer-lectures).

—From an AWM announcement

**Call for Nominations for AWM Schafer Prize**

The Association for Women in Mathematics (AWM) calls for nominations for the Alice T. Schafer Mathematics Prize to be awarded to an undergraduate woman for excellence in mathematics. The nominee may be at any level in her undergraduate career but must be an undergraduate when nominated. The deadline for nominations is **October 1, 2016**. For more information, see the website [https://sites.google.com/site/awmmath/programs/schafer-prize](https://sites.google.com/site/awmmath/programs/schafer-prize).

—From an AWM announcement

**Mathematics of Planet Earth Competition**

Mathematics of Planet Earth (MPE) invites the scientific community to enter the Second International Competition to design museum exhibits on Mathematics of Planet Earth. Exhibits can take the form of interactive programs, hands-on physical exhibits, short films, or image galleries and must address some planetary theme in which mathematics plays a role. Deadline for entries is **June 30, 2017**. See [www.mathofplanetearth.org/competition](http://www.mathofplanetearth.org/competition).

—From an MPE announcement

**News from MSRI**

The Mathematical Sciences Research Institute (MSRI) invites applications for research professors, research members and postdoctoral fellows in the following programs:

- Geometric and Topological Combinatorics (August 14–December 15, 2017)
- Group Representation Theory and Applications (January 16–May 25, 2018)

Research professorships are intended for senior researchers who will be making key contributions to a program, including the mentoring of postdoctoral fellows, and who will be in residence for three or more months. Research memberships are intended for researchers who will be making contributions to a program and who will be in residence for one or more months. Postdoctoral fellowships are intended for recent PhDs. Interested candidates must apply online beginning August 1, 2016. To receive full consideration, applications must be complete, including all letters of support, by the following deadlines: research professorships, **October 1, 2016**; research memberships, **December 1, 2016**; postdoctoral fellowships, **December 1, 2016**. See [www.msri.org/application](http://www.msri.org/application).

—From an MSRI announcement