

Mathematics Opportunities

Listings for upcoming math opportunities to appear in Notices may be submitted to notices@ams.org.

The 2018–2019 Joan and Joseph Birman Fellowship for Women Scholars

The new Joan and Joseph Birman Fellowship for Women Scholars is a mid-career research fellowship specially designed to fit the unique needs of women. The fellowships are open only to women. This fellowship program, established in 2017, is made possible by a generous gift from Joan and Joseph Birman.

The fellowship seeks to address the paucity of women at the highest levels of research in mathematics by giving exceptionally talented women extra research support during their mid-career years.

The most likely awardee is a mid-career woman based at a US academic institution with a well-established research record in a core area of mathematics. The fellowship will be directed toward those for whom the award will make a real difference in the development of their research career. Candidates must have a carefully thought-through research plan for the fellowship period. Special circumstances (such as time taken off for care of children or other family members) may be taken into consideration in making the award.

The fellowship can be used to provide additional time for research of the awardee or opportunities to work with collaborators. This may include, but is not limited to, course buyouts, travel money, childcare support, or support to attend special research programs.

A complete application is required in order to be considered for the fellowship. Application instructions, deadlines, and the award amount can be found on the AMS website at www.ams.org/programs/ams-fellowships/Birman-fellow.

—AMS announcement

Call for Nominations for Adams Prize

The deadline for nominations for the 2017–2018 Adams Prize for achievements in the field of mathematics of astronomy and cosmology is **October 31, 2017**. See www.maths.cam.ac.uk/applications-adams-prize-2017-18.

—Cambridge University announcement

Call for Nominations for 2017 Abel Prize

The Norwegian Academy of Science and Letters awards the Abel Prize annually 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. Nominations should be postmarked no later than **September 15, 2017**. See www.abelprize.no/c53676/artikkel/vis.html?tid=53705.

—Norwegian Academy of Science and Letters

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 at MathFest to honor women who have made distinguished contributions to the mathematical sciences or mathematics education. The deadline for nominations is **September 1, 2017**. See <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 must be an undergraduate when nominated. The deadline is **October 1, 2017**. See <https://sites.google.com/site/awmmath/programs/schafer-prize>.

—From an AWM 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, 2017**. See www.aslonline.org/info-prizes.html or www.aslonline.org/Sacks_nominations.html.

—From an ASL announcement

*Research Experiences for Undergraduates

The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas funded by the National Science Foundation (NSF). Student research may be supported in two forms: REU sites and REU supplements. See www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517. The deadline date for proposals from institutions wishing to host REU sites is **August 23, 2017**.

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 at www.nsf.gov/crssprgm/reu/list_result.jsp?unitid=5044.

—From an NSF announcement

NSA Mathematical Sciences Grants Program

The National Security Agency's Mathematical Sciences Program (MSP) invites proposals from principal investigators to support Research Experiences for Undergraduates, conferences, and other special events that will take place during calendar years 2018 and 2019. Proposals should be submitted from **September 1, 2017**, through **October 16, 2017**. See www.nsa.gov/what-we-do/research/math-sciences-program or contact Charles Toll (chtoll@nsa.gov) or Barbara Johnson (bajohn1@nsa.gov).

Note. For budgetary reasons, the MSP regrets that we are not able to fund individual research grants (i.e. the Young Investigator Grant and the Standard Grant) this cycle.

—From an NSA announcement

News from MSRI

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

- Hamiltonian Systems, from Topology to Applications through Analysis (August 13–December 14, 2018)
- Derived Algebraic Geometry (January 22–May 24, 2019)
- Birational Geometry and Moduli Spaces (January 22–May 24, 2019).

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. The deadlines are: research professorships, **October 1, 2017**; research memberships, **December 1, 2017**; postdoctoral fellowships, **December 1, 2017**. See www.msri.org/application.

—From an MSRI announcement

*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.