

Mathematics Opportunities

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

AAAS-AMS Mass Media Fellowships

With placements at national print media such as *National Geographic*, *Wired*, *Scientific American*, *The Washington Post*, and *The Los Angeles Times*, national radio and TV such as *NPR*, *CNN*, and *NOVA*, and local newspapers and radio and TV stations, the AAAS Mass Media Fellowship is the premier experience for mathematicians who want to try out science communication.

During the ten-week fellowship, scientists, mathematicians, and engineers are placed in newsrooms around the country to report on today's headlines in the fast-paced world of science journalism.

Fellows observe and participate in the process by which events and ideas become news, improve their communication skills by describing complex technical subjects in a manner understandable to the public, and increase their understanding of editorial decision making and how information is effectively disseminated. They go through a short boot camp of journalism training at the beginning of summer, keep in touch with each other throughout the summer, and meet again at the end to wrap up the Fellowship.

After the Fellowship, alumni participate in science communication in a variety of career fields including science journalism, advocacy, education, and community outreach. In the forty-four-year program history, the more than 700 fellows have become renowned leaders in the scientific community, award-winning TV and documentary producers, authors, producers, and leaders in cutting-edge science communication.

The AMS sponsors one Fellowship placement each year. This year's Fellow, Yen Duong, finished her PhD in geometric group theory at the University of Illinois at Chicago in fall 2017. Over her summer at the *Raleigh News and Observer*, Yen published more than twenty articles explaining science to the public. From a computer science paper (which included sigma algebras) to psychology papers which used statistical distributions and models to animal science stories, her topics varied in terms of mathematical content but held one thing in common: a respect for and foundation in evidence and logical thinking.

Read about the rest of the 2018 Fellowship class at www.aaas.org/page/2018-mass-media-fellows. See more information about the AMS Mass Media fellows at www.ams.org/programs/ams-fellowships/media-fellow/massmediafellow.

Applications may be filed at either URL for the AMS-AAAS 2019 Mass Media Fellowship during the application period, **October 16, 2018–January 15, 2019**.

—Rebekah Corlew, PhD
Project Director, Public Engagement, AAAS

National Defense Science and Engineering Graduate Fellowships

To help increase the number of U.S. citizens trained in disciplines of military importance in science and engineering, the Department of Defense awards National Defense Science and Engineering Graduate Fellowships to individuals who have demonstrated ability and special aptitude for advanced training in science and engineering. The fellowships are awarded for a period of up to three years for study and research leading to doctoral degrees in any of fifteen scientific disciplines. Application forms are available online at www.ndsegfellowships.org/application and are due **December 7, 2018**.

—From an NDSEG announcement

CRM Intensive Research Programs

The Centre de Recerca Matemàtica (CRM) will hold three Intensive Research Programs in the spring and summer of 2019. An intensive research program in geometry, algebra, and topology (LIGAT) consisting of an Advanced Course in Geometry, Topology, and Algebra (May 27–31, 2019) and a Workshop in Geometry: Multiple Perspectives on Geometric Inequalities (June 3–7, 2019). A program on

NEWS

Interactions between Representation Theory, Algebraic Topology, and Commutative Algebra consists of an advanced course (June 3–7, 2019) and a conference (June 10–14, 2019). A program on the Anthropological Theory of the Didactic (June 3–July 26, 2019) consists of four advanced courses covering dialogues between theories, teacher education, the curriculum problem, and university education. See www.crm.cat/en/Host/SciEvents/IRP/Pages/CurrentIRP.aspx.

—From a CRM announcement

STaR Fellowship Program

The Service, Teaching, and Research (STaR) Program of the Association of Mathematics Teacher Educators (AMTE) supports the development of early-career mathematics educators, including their induction into the professional community of university-based teacher educators and researchers in mathematics education. Senior and mid-career mathematics education faculty organize and facilitate STaR events, serving as mentors to Fellows. Applications are due **December 1, 2018**; see www.amte.net/star/apply.

—From an AMTE announcement

MSRI Summer Research for Women in Mathematics

The Mathematical Sciences Research Institute (MSRI) provides space and funds to groups of women mathematicians to work on research projects at MSRI. Research projects can arise from work initiated at a women’s conference or can be freestanding activities. Visits must take place between June 10, 2019, and August 2, 2019. The deadline for applications is **December 1, 2018**. For more details, see www.msri.org/web/msri/scientific/summer-research-for-women-in-mathematics.

—From an MSRI announcement

MathJobs.Org

The automated job application database sponsored by the AMS

Free for Applicants



MathJobs.Org

offers a paperless application process for applicants and employers in mathematics

Registered Applicants Can:

- Create their own portfolio of application documents
- Make applications online to participating employers
- Choose to make a cover sheet viewable by all registered employers

Registered Employers Can:

- Post up to seven job ads
- Set all criteria for required documents, and add specific questions
- Receive and upload reference letters
- Manage applicant information and correspondence quickly and easily
- Set limited access permissions for faculty and EOE administrators
- Search for and sort additional applicants in the database
- Choose an advertising-only account, or a discounted single ad account

Visit mathjobs.org for pricing information

Contact: AMS Professional Programs
 American Mathematical Society
 201 Charles Street
 Providence, RI 02904-2294 USA
 800.321.4267, ext. 4105 | Email: mathjobs@ams.org



AMERICAN MATHEMATICAL SOCIETY