Epsilon Awards Announced

The AMS has chosen nineteen summer mathematics programs to receive Epsilon grants for 2019. These summer programs give students a chance to see aspects of mathematics that they may not see in school and allow them to share their enthusiasm for mathematics with like-minded students.

The programs that received Epsilon grants for 2019 are:

- AIMC Math Camp at Navajo Prep, Navajo Preparatory School, Tatiana Shubin, Director
- All Girls/All Math Summer Camp, University of Nebraska, Lincoln, Amanda Laubmeier, Director
- Baa Hózhó Math Camp, Navajo Technical University, Crownpoint, New Mexico, David Auckly, Director
- Bridge to Enter Advanced Mathematics (BEAM), Bard College and Union College, Daniel Zaharopol, Director
- Broward Young People's Project, Broward County Public Schools, Beverly Kerner, Director
- Canada/USA Mathcamp, Lewis and Clark College, Marisa Debowsky, Director
- Center for Mathematical Talent, Courant Institute of Mathematical Sciences at New York University, Selin Kalaycioglu, Director
- Euclid Lab, online, David Gay, Director
- GirlsGetMath@ICERM, Brown University, Brendan Edward Hassett, Director
- GirlsGetMath@Rochester, University of Rochester, Amanda Tucker, Director
- MathILy, Bryn Mawr College, sarah-marie belcastro, Director
- MathILy-Er, Bowdoin College, Alice Mark, Director
- Mathworks Honors Summer Math Camp, Texas State University, Max Warshauer, Director
- PROMYS (Programs in Mathematics for Young Scientists), Boston University, Glenn Stevens, Director
- PROTaSM (Puerto Rico Opportunities for Talented Students in Math), University of Puerto Rico, Mayaguez, Luis F. Caceres, Director
- QTM Math Circle, Emory University’s Institute for Quantitative Theory, Steven Olsen, Director
- Research Science Institute (RSI), Massachusetts Institute of Technology, Charles Farmer, Director

AMS–AAAS Mass Media Fellowship Awarded

Leila Sloman, a doctoral student in mathematics at Stanford University, has been chosen as the 2019 AMS–AAAS Mass Media Fellow. Leila is in the third year of her PhD studies and works in the areas of applied mathematics, partial differential equations, and probability theory. She will work at Scientific American this summer.

The Mass Media Science and Engineering Fellows program is organized by the American Association for the Advancement of Science (AAAS). This program is designed to improve public understanding of science and technology by placing advanced undergraduate, graduate, and postgraduate science, mathematics, and engineering students in media outlets nationwide. The Fellows work for ten weeks over the summer as reporters, researchers, and production assistants alongside media professionals to sharpen their communication skills and increase their understanding of the editorial process by which events and ideas become news.

Now in its forty-fifth year, this program has placed more than 700 Fellows in media organizations nationwide as they research, write, and report today’s headlines. The program is designed to report science-related issues in the media in easy-to-understand ways so as to improve public understanding and appreciation for science and technology.

For more information on the AAAS Mass Media Science and Engineering Fellows program, visit the website [www.aaas.org/programs/mass-media-fellowship](http://www.aaas.org/programs/mass-media-fellowship). Follow on Twitter @AAASMassMedia for program highlights and news.

—Anita Benjamin
AMS Office of Government Relations
Community Updates

NEWS

• Ross Mathematics Program, Ross Mathematics Foundation, Jim Fowler, Director
• TexPREP-Lubbock, Texas Tech University, Jim Brown, Director

—AMS announcement

From the AMS
Public Awareness Office

The Mathematical Imagery web page now presents images in a larger format and employs MathJax to display mathematics in the descriptions. View nearly 700 art works with descriptions in forty-nine galleries, and find links to museums, galleries, articles and resources, at https://www.ams.org/math-imagery.

—Annette Emerson and Mike Breen
AMS Public Awareness Officers
paoffice@ams.org

From the AMS
Committee on Education

The AMS Committee on Education is sponsoring a one-day mini-conference on October 25, 2019, in DC. This one-day mini-conference will focus on “Mathematics Departments and the Explosive Growth of Computational and Quantitative Offerings in Higher Education.” If you are interested in attending the meeting, please register at www.ams.org/minireg.


For additional information, contact amsdc@ams.org.

—AMS announcement

Numerical Methods and New Perspectives for Extended Liquid Crystalline Systems

December 9 – 13, 2019

ORGANIZING COMMITTEE
Jan Lagerwall, University of Luxembourg
Apala Majumdar, University of Bath
Shawn Walker, Louisiana State University

PROGRAM DESCRIPTION

Liquid crystals (LCs) are classic examples of partially ordered materials that combine the fluidity of liquids with the long-range order of solids, and have great potential to enable new materials and technological devices. A variety of LC phases exist, e.g., nematics, smectics, cholesterics, with a rich range of behavior when subjected to external fields, curved boundaries, mechanical strain, etc. Recently, new systems came into focus, such as bent-core LC phases, twist-bend-modulated nematics, chroomonic and polymer-stabilized blue phases, with more to be discovered.

This workshop provides an interdisciplinary platform for computational and experimental research in extended LC-like systems, and how these approaches can yield new theoretical insight for novel LC systems.