

Inside the AMS

Fan China Exchange Program Grants Awarded

The Society's Fan China Exchange Program awards grants to support collaborations between Chinese and US or Canadian researchers. Institutions in the United States or Canada apply for the funds to support a visitor from China or vice versa. This funding is made possible through a generous gift made to the AMS by Ky and Yu-Fen Fan in 1999. The 2017 grants follow.

JINQIAO DUAN from Illinois Institute of Technology was awarded US\$5,000 to support a visit by Wei Wang from Nanjing University. In addition, US\$1,000 will be awarded to Nanjing University after the visit is completed.

QIN SHENG from Baylor University was awarded US\$3,600 to support a visit by Yufeng Xu from Central South University. In addition, US\$1,000 will be awarded to Central South University after the visit is completed.

WUJIE SHI from Chongqing University of Arts and Sciences was awarded US\$2,500 to support a visit by Yong Yang from Texas State University.

For information about the Fan China Exchange Program, visit the website www.ams.org/programs/travel-grants/china-exchange/china-exchange or contact the AMS Membership and Programs Department, e-mail: chinaexchange@ams.org, telephone: 401-455-4170 (within the US call 800-321-4267, ext. 4170).

—AMS Membership and Programs Department

Epsilon Awards Announced

The AMS has chosen 17 summer mathematics programs to receive Epsilon grants for 2017. 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 2017 are:

All Girls/All Math Summer Camp, University of Nebraska, Lincoln, Yu Jin, director

Bridge to Enter Advanced Mathematics (BEAM), Bard College, Annandale-on-Hudson; one other to be announced, Daniel Zaharopol, director

Camp Euclid, Euclid Lab (online), David Gay, director



2016 BEAM program participants and staff.

Canada/USA Mathcamp, University of Puget Sound, Tacoma, Washington, Marisa Debowsky, director

GirlsGetMath@ICERM 2017, Brown University, Providence, Rhode Island, Brendan Edward Hassett, director

GirlsGetMath@Rochester, University of Rochester, Rochester, New York, Amanda M. Tucker, director

Hampshire College Summer Studies in Mathematics, Hampshire College, Amherst, Massachusetts, David C. Kelly, director

MathILy (serious Mathematics Infused with Levity), Bryn Mawr College, Bryn Mawr, Pennsylvania, Sarah-Marie Belcastro, director

MathILy-Er, Willamette University, Salem, Oregon, Jonah K. Ostroff, director

MathPath, Mount Holyoke College, South Hadley, Massachusetts, Stephen B. Maurer, director

Mathworks Honors Summer Math Camp, Texas State University, San Marcos, Max Warshauer/Michelle Pruett, directors

Michigan Math and Science Scholars (MMSS), University of Michigan, Ann Arbor, Doreen J. Fussman, director

PROMYS (Program in Mathematics for Young Scientists), Boston University, Boston, Massachusetts, Glenn Stevens, director

PROTaSM (Puerto Rico Opportunities for Talented Students in Mathematics), University of Puerto Rico, Mayaguez, Luis F. Caceres, director

Research Science Institute (RSI), Massachusetts Institute of Technology, Cambridge, Charles M. Farmer, director

SigmaCamp, Silver Lake Camp and Conference Center, Sharon, Connecticut, Alexander Kirillov, director

Summer Institute for Mathematics at UW, University of Washington, Seattle, Ron Irving, director

—AMS announcement

Erdős Memorial Lecture

The Erdős Memorial Lecture is an annual invited address named for the prolific mathematician Paul Erdős (1913–1996). The lectures are supported by a fund created by Andrew Beal, a Dallas banker and mathematics enthusiast. The Beal Prize Fund (www.ams.org/profession/prizes-awards/ams-supported/beal-prize), now US\$1,000,000, is being held by the AMS until it is awarded. An AMS-appointed committee, the Beal Prize Committee, will recommend awarding this prize for either a proof or a counterexample of the Beal Conjecture published in a refereed and respected mathematics publication. At Mr. Beal's request, the interest from the fund is used to support the Erdős Memorial Lecture.

The 2017 Erdős Memorial Lecturer was JAMES MAYNARD of Magdalen College, who spoke at the 2017 Spring Eastern Sectional Meeting at Hunter College, City University of New York, in May 2017.

The 2018 Erdős Memorial Lecture will be held during the 2018 Spring Southeastern Sectional Meeting at Vanderbilt University, Nashville, Tennessee, April 14–15, 2018. The lecturer will be ANDREA BERTOZZI of the University of California Los Angeles.

—AMS announcement



New AMS Blog from the Director of the AMS Washington Office

Wonder what is going on in federal policymaking that affects the mathematical community?

According to a McKinley survey done as part of recent AMS strategic planning efforts, only 58 percent of AMS member respondents even know that the AMS Washington Office—which provides an important link between the federal government and the mathematical community—exists; yet 95 percent, when asked about future priorities of the AMS, list increased advocacy as a most important priority (62 percent) or as a somewhat important priority (33 percent).

Director of the AMS Washington Office Karen Saxe has started a new blog called *Capital Currents*, intended to keep the mathematics community up to date on activities of the AMS Washington Office and on activities in Congress and the federal agencies that affect the mathematical community. Ideally, AMS members would know where this office is and what it can do for them, feel comfortable dropping in, and have a clear understanding of its role in Washington, DC.

At the time of this writing, there have been three blog posts. The first is a brief primer about the office and our work. One of the goals for the office is to launch a grassroots advocacy program which will engage more members with our advocacy work. The second post provides such an opportunity, encouraging members (and explaining why it is important) to write their congressional delegations about National Science Foundation funding for the next year. Funds for the NSF and other agencies are appropriated every year in Congress, and the third post walks readers through a very basic outline of this process.

Future posts will include more on the federal budget and on legislative matters of relevance to AMS members and to the broader scientific and higher-education communities; pieces meant to educate readers about the workings of Congress, its members, and committees; and suggestions for engaging with Congress and other policymakers. Check it out, and subscribe to follow at blogs.ams.org/capitalcurrents.

—AMS Washington Office

AMS Staff Support Local K-12 Mathematics Education

In April 2017, for the third year in a row, AMS staff collectively donated US\$1,000 to each of three nonprofit mathematics tutoring agencies in the regional areas of AMS offices: The Family Learning Institute (FLI) in Ann Arbor, MI; Rhode Island Tutorial and Educational Services (RITES) in Pawtucket, RI; and For Love of Children (FLOC) in Washington, DC. Additionally, over US\$500 was given to the AMS mathematics game, Who Wants to Be a Mathematician, to be used for schools in Michigan, Rhode Island, or Washington, DC, that need assistance to ensure student participation in the game, such as bus rental or substitute teacher expenses.

Started as part of the AMS 125th anniversary, the AMS Staff Fund is overseen by a committee of staff members. The committee has chosen to support K–12 mathematics programs in the regional areas where AMS staff members live and work. Donations to FLI, RITES, and FLOC help students who face economic need, academic need, or both. Since 2013, AMS employees have donated over US\$19,000 to these nonprofits. The gifts are made during April to celebrate Mathematics and Statistics Awareness Month. Employee philanthropy has resulted in staff earning a place on the AMS Donor Wall of Honor each of the past four years.

—From the AMS Development Office

Deaths of AMS Members

CHOONG YUN CHO, of Portland, Oregon, died on March 16, 2014. No date of birth could be found. He was a member of the Society for 42 years.

RUTH M. DAVIS, of McLean, Virginia, died on March 28, 2012. Born on November 19, 1928, she was a member of the Society for 60 years.

MARJ ENNEKING, of Portland, Oregon, died on March 13, 2016. Born on June 21, 1941, he was a member of the Society for 50 years.

FRITZ GACKSTATTER, of Germany, died on March 6, 2016. Born on November 20, 1941, he was a member of the Society for 31 years.

HILLEL GAUCHMAN, of Chicago, Illinois, died on March 18, 2016. Born on July 14, 1937, he was a member of the Society for 41 years.

VERENA HUBER-DYSON, of Bellingham, Washington, died on March 12, 2016. Born on May 6, 1923, she was a member of the Society for 66 years.

JEROME KARLE, of Washington, DC, died on June 6, 2013. Born on June 18, 1918, he was a member of the Society for 56 years.

SOLOMON A. MARCUS, of Romania, died on March 17, 2016. Born on March 1, 1925, he was a member of the Society for 25 years.

BRIAN J. MCCARTIN, of Flint, Michigan, died on January 29, 2016. Born on August 26, 1951, he was a member of the Society for 37 years.

HYO CHUL MYUNG, professor, Korea Institute for Advanced Study, died on February 11, 2010. Born on June 15, 1937, he was a member of the Society for 42 years.

DAVID C. NEWELL, of Long Beach, California, died on August 18, 2015. Born on August 31, 1940, he was a member of the Society for 47 years.

A. G. DAVIS PHILIP, of Schenectady, New York, died on March 28, 2016. Born on January 1, 1929, he was a member of the Society for 25 years.

LLOYD S. SHAPLEY, professor, University of California Los Angeles, died on March 12, 2016. Born on June 2, 1923, he was a member of the Society for 66 years.

ROY D. SHEFFIELD, of Oxford, Mississippi, died on May 4, 2014. Born on September 5, 1922, he was a member of the Society for 55 years.

AL SHENK, of Solana Beach, California, died on July 15, 2015. Born on January 8, 1938, he was a member of the Society for 39 years.

ROBERT SILVERMAN, of Yellow Springs, Ohio, died on March 5, 2016. Born on October 23, 1928, he was a member of the Society for 57 years.

ROBERT J. WISNER, of Las Cruces, New Mexico, died on October 29, 2015. Born on January 18, 1925, he was a member of the Society for 27 years.

Photo Credit

Photo of BEAM program participants and staff courtesy of BEAM.

AMERICAN MATHEMATICAL SOCIETY

FURTHERING CONNECTION & COLLABORATION
IN THE MATHEMATICAL SCIENCES

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Waldemar J. Trjitzinsky
Professor at UIUC (1934–1969)



Shalaine L. Buck,
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Thank you



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