
Inside the AMS

Epsilon Awards for 2012

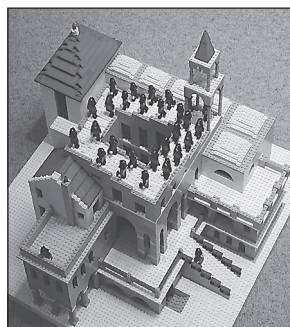
The AMS Epsilon Fund for Young Scholars was established in 1999 to provide financial assistance to summer programs in the United States and Canada for mathematically talented high school students. These programs have provided mathematically talented youngsters with their first serious mathematical experiences. The name for the fund was chosen in remembrance of the late Paul Erdős, who was fond of calling children “epsilon”.

The AMS has chosen thirteen summer mathematics programs to receive Epsilon grants for activities in the summer of 2012. The grants will support program expenses and student scholarships and, in some cases, scholarships only. The programs were chosen on the basis of mathematical excellence and enthusiasm. Award amounts were governed by the varying financial needs of each program. The 2012 grants are awarded to: Canada/USA Mathcamp, University of Puget Sound, Tacoma, Washington; Governor’s Institutes of Vermont: Mathematical Sciences, University of Vermont; Hampshire College Summer Studies in Mathematics (HCSSiM), Hampshire College, Amherst, Massachusetts; Lamar Achievement in Mathematics Program (LAMP), Lamar University, Beaumont, Texas; MathPath, Mount Holyoke College, South Hadley, Massachusetts; Mathworks Honors Summer Math Camp, Texas State University, San Marcos, Texas; PROMYS, Boston University; PROTaSM (Puerto Rico Opportunities for Talented Students in Mathematics), University of Puerto Rico, Mayagüez Campus; Research Science Institute, Massachusetts Institute of Technology; Ross Mathematics Program, The Ohio State University; Stanford University Mathematics Camp (SUMaC), Stanford University; Summer Program in Mathematical Problem Solving, Bard College, New York; Young Scholars Program, University of Chicago. The grants for summer 2012 are paid for by the AMS Epsilon Fund for Young Scholars. The AMS Epsilon Fund for Young Scholars has been funded by contributions of AMS members and friends; the goal of the endowment is to provide at least US\$100,000 in support each summer.

For further information about the Epsilon Fund for Young Scholars, visit the website <http://www.ams.org/giving-to-ams/> or contact development@ams.org. Information about how to apply for Epsilon grants is available at <http://www.ams.org/programs/edu-support/epsilon/emp-epsilon/>. A fairly comprehensive listing of summer programs for mathematically talented high school students (including those with and without Epsilon grants) is available at <http://www.ams.org/employment/mathcamps.html>.

—AMS Development Office

From the AMS Public Awareness Office



Lipson’s Lego® Sculptures. This new album on Mathematical Imagery includes constructions of M. C. Escher drawings and other mathematical forms. You can also send the images as e-postcards: <http://www.ams.org/mathimagery/thumbnails.php?album=29>.

Mathematics Events at the 2012 AAAS Meeting. Read about some of the events

related to mathematics that took place at the 2012 annual meeting of the American Association for the Advancement of Science in Vancouver, BC, Canada, February 16–20, including Who Wants to Be a Mathematician: <http://www.ams.org/meetings/aaas2012>.

—Annette Emerson and Mike Breen
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AMS Holds Workshop for Department Chairs

The AMS held its annual workshop for department chairs prior to the Joint Mathematics Meeting in Boston, Massachusetts, in January 2012. This one-day session focused on a range of issues facing departments, including balancing faculty workload, the role of a department chair as a steward of the discipline, alternate forms of course delivery, and understanding the mathematical background of students in entry-level service courses and how to address their needs while upholding expectations and standards. The meeting is designed in a workshop format to stimulate discussion and facilitate the sharing of ideas and experiences among attending department chairs, which allows attendees to address departmental challenges from new perspectives.

The 2012 workshop was led by Timothy Hodges, University of Cincinnati; John Meakin, University of Nebraska-Lincoln; Helen Roberts, Montclair State University; and Alex Smith, University of Wisconsin-Eau Claire.

—Anita Benjamin
AMS Washington Office

Deaths of AMS Members

DONALD L. ARENSON, of Skokie, Illinois, died on January 21, 2010. Born on June 15, 1926, he was a member of the Society for 59 years.

M. SALAH BAOUENDI, professor, University of California San Diego, died on December 24, 2011. Born on October 12, 1937, he was a member of the Society for 39 years.

MARIO BENEDICTY, of Palo Alto, California, died on April 8, 2011. Born on July 16, 1922, he was a member of the Society for 47 years.

ELLEN F. BUCK, of Madison, Wisconsin, died on January 9, 2011. Born on August 25, 1919, she was a member of the Society for 67 years.

FREDERIC CUNNINGHAM JR., professor, Bryn Mawr College, died on September 28, 2011. Born on September 6, 1921, he was a member of the Society for 63 years.

TORSTEN EKEDAHL, of Stockholm, Sweden, died on November 23, 2011. Born on August 11, 1955, he was a member of the Society for 24 years.

JOHN M. HOWIE, professor, University of Saint Andrews, died on December 26, 2011. Born on May 23, 1936, he was a member of the Society for 46 years.

MARVIN I. KNOPP, professor, Temple University, died on December 24, 2011. Born on January 4, 1933, he was a member of the Society for 54 years.

SOLOMON LEADER, professor, Rutgers University, died on August 13, 2011. Born on November 14, 1925, he was a member of the Society for 59 years.

EUGENE H. LEHAMN, of Quebec, Canada, died on December 15, 2011. Born on January 26, 1913, he was a member of the Society for 49 years.

JOHN M. MARR, professor, Kansas State University, died on May 3, 2011. Born on June 15, 1920, he was a member of the Society for 61 years.

CHARLES N. MAXWELL, of Carbondale, Illinois, died on June 28, 2010. Born on October 27, 1927, he was a member of the Society for 56 years.

MEINHARD E. MAYER, professor, University of California Irvine, died on December 11, 2011. Born on March 18, 1929, he was a member of the Society for 43 years.

PAUL MEIER, of New York, New York, died on August 7, 2011. Born on July 24, 1924, he was a member of the Society for 65 years.

NORMAN OLER, professor, University of Pennsylvania, died on November 1, 2011. Born on July 12, 1929, he was a member of the Society for 50 years.

BABURAO GOVINDRAO PACHPATTE, of Aurangabad, India, died on August 3, 2011. Born on November 21, 1943, he was a member of the Society for 17 years.

ISRAEL H. ROSE, of Hastings-on-Hudson, New York, died on October 30, 2011. Born on May 17, 1917, he was a member of the Society for 68 years.

ROBERT J. SILVERMAN, of Durham, New Hampshire, died on February 25, 2010. Born on November 24, 1922, he was a member of the Society for 58 years.

EDWARD JOHN SPECHT, of Bloomington, Indiana, died on November 9, 2011. Born on July 29, 1915, he was a member of the Society for 68 years.

PAUL F. WACKER, of Redlands, California, died on September 7, 2010. Born on May 25, 1914, he was a member of the Society for 51 years.

HERBERT S. WILF, professor, University of Pennsylvania, died on January 7, 2012. Born on June 13, 1931, he was a member of the Society for 59 years.

For Your Information

Kavli Foundation Endows Tokyo Institute

The University of Tokyo has announced the establishment of an endowment by the Kavli Foundation to support the Institute for the Physics and Mathematics of the Universe (IPMU).

The Institute, which will now be known as the Kavli Institute for the Physics and Mathematics of the Universe (Kavli IPMU), probes the biggest mysteries in modern cosmology: How did the universe begin, and how will it end? What is it made of, and what laws govern its behavior? How did we come to exist? The Institute is seeking answers through collaborative research conducted by a wide range of scientists, including mathematicians, theoretical physicists, experimental physicists, and astronomers.

The Kavli IPMU comprises about two hundred researchers from fifteen fields, with almost half coming from outside Japan. Reflecting its dedication to multidisciplinary

collaboration, the Institute is embodied in a five-story research building at the Kashiwa campus, outside of Tokyo in Chiba prefecture, where researchers from different fields typically alternate offices, and the hallways gradually ramp from floor to floor to encourage informal connections.

The Kavli IPMU director is Professor Hitoshi Murayama, a particle physicist from the University of California Berkeley. Among the principal investigators are four in mathematics: Alexey Bondal, Toshiyuki Kobayashi, Toshitake Kohno, and Kyoji Saito. Hiroshi Ooguri is a principal investigator in mathematical physics.

IPMU was originally established in the fall of 2007 as part of the World Premier International Research Center Initiative, a program of the Japanese government to promote interdisciplinary science in Japan, its international visibility, and globalization of the Japanese universities.

—From a Kavli Foundation news release