
Inside the AMS

Trjitzinsky Memorial Awards Presented

The AMS has made awards to seven undergraduate students through the Waldemar J. Trjitzinsky Memorial Fund. The fund is made possible by a bequest from the estate of Waldemar J., Barbara G., and Juliette Trjitzinsky. The will of Barbara Trjitzinsky stipulates that the income from the bequest should be used to establish a fund in honor of the memory of her husband to assist needy students in mathematics.

For the 2009 awards, the AMS chose seven geographically distributed schools to receive one-time awards of US\$3,000 each. The mathematics departments at those schools then chose students to receive the funds to assist them in pursuit of careers in mathematics. The schools were selected in a random drawing from the pool of AMS institutional members.

Waldemar J. Trjitzinsky was born in Russia in 1901 and received his doctorate from the University of California, Berkeley, in 1926. He taught at a number of institutions before taking a position at the University of Illinois, Urbana-Champaign, where he remained for the rest of his professional life. He showed particular concern for students of mathematics and in some cases made personal efforts to ensure that financial considerations would not hinder their studies. Trjitzinsky was the author of about sixty mathematics papers, primarily on quasi-analytic functions and partial differential equations. A member of the AMS for forty-six years, he died in 1973.

Following are the names of the selected schools for 2009, the names of the students receiving Trjitzinsky awards, and brief biographical sketches of the students. **California State University, Fresno:** ANA-CRISTINA CERDA JIMENEZ. Jimenez is a first-generation college student who intends to continue on into graduate school. She began college as a chemistry major, then switched to mathematics in her second semester. Last summer she worked as part of a summer research project in knot theory. She is

a member of the Golden Key International Honor Society. She enjoys teaching and has been tutoring in mathematics, English, Spanish, and the sciences since high school. She is involved in activities with her church, where she assisted as a peer leader with Local Life Teen. She is interested in creative writing, graphic design, and piano.

University of California Santa Barbara: DAVID HASSAN. Hassan is a member of Phi Beta Kappa and carries a double major in pure mathematics and physics. He is a returning student completing his studies after a tour of duty as an Arabic interpreter with the U.S. Marine Corps in Iraq.

Jackson State University: MANTATISI S. WALKER. Walker is a senior majoring in mathematics education. After graduating she plans to teach high school mathematics in the Mississippi Delta while attending graduate school. She is a SIMET (Students Investing in Mathematics, Engineering, and Technology) counselor, a member of the Mississippi Association of Educators and the National Education Association, a volunteer tutor for various high schools, and a participant and presenter at the National Council of Teachers of Mathematics conference. Walker's career goals include directing a mathematics program for high school students and becoming a professor at a local college.

Kenyon College: JONATHAN JORDAN EDWARDS. Edwards is deeply interested in both mathematics and theoretical physics and has conducted undergraduate research in both fields. He is a recipient of an Ernest F. Hollings Undergraduate Scholarship from the National Oceanic and Atmospheric Administration to cover a summer internship at a NOAA facility, where he hopes to be involved in modeling storm systems and working with satellites. He has lived in Pakistan and Indonesia as well as the United States, and he plans to enter a Ph.D. program upon graduation.

Smith College: ZEHUI CHEN. Chen completed high school in Guangdong, China, and is a mathematics major with a concentration in statistics. She spent the summer of 2007 at the London School of Economics and Political Science studying the economy of China. As a special studies project in statistical consulting, Chen used mathematical

skills to improve the quality of an industrial product. She says, "This experience showed me the value that mathematics contributes to industry. In the future, I look forward to increasing my mathematical skills and ultimately using my expertise to solve real-world problems."

Truman State University: KENDALL O. BROWN. Brown lives in St. Charles, Missouri, and is a sophomore studying for both a bachelor's degree in mathematics and a master's degree in mathematics education. She is president of her Kappa Mu Epsilon chapter and a student member of the Missouri State Teachers Association. Her goal is to be a master teacher of mathematics.

University of Vermont: ALISON L. ASHE. Ashe is a native of Buffalo, New York. She worked in technical theater until she returned to full-time study to pursue a bachelor's degree in applied mathematics, minoring in computer science and business administration. After graduation she plans to enter graduate study in industrial engineering.

—Elaine Kehoe

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, now US\$100,000, is being held by the AMS until it is awarded for a correct solution to the Beal Conjecture (see <http://www.math.unt.edu/~mauldin/beal.html>). At Beal's request, the interest from the fund is used to support the Erdős Memorial Lecture.

The Erdős Memorial Lecturer for 2009 was Jeffrey Lagarias of the University of Michigan, who delivered a lecture titled "From Apollonian circle packings to Fibonacci numbers" at the Spring Central Section Meeting at the University of Illinois at Urbana-Champaign in March 2009. The Erdős Memorial Lecturer for 2010 will be Doron Zeilberger of Rutgers University, who will deliver the lecture at the 2010 Spring Southeastern Section Meeting in Lexington, Kentucky, in March 2010.

—AMS announcement

From the AMS Public Awareness Office

• **2010 Calendar of Mathematical Imagery.** The 2010 calendar includes selected works from the *Mathematical Imagery* collection (<http://www.ams.org/mathimagery>)—computer-generated work, crochet, origami, sculpture, painting, and more. Download the pdf of the calendar at *This Mathematical Month*, <http://www.ams.org/thismathmonth>, or request the printed calendar by email to paoffice@ams.org, subject line "2010 calendar", with your mailing address. The supply is limited, so please limit your request to three copies so others may also have the opportunity to have a copy.



• **Mathematics at the National SACNAS conference.** The 2009 conference of the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS), held in Dallas, Texas, in October, included math institutes, sessions, and presentations by graduate and undergraduate students in mathematics. The AMS hosted an exhibit and ran *Who Wants to Be a Mathematician*, a highlight of the conference. Read about mathematics on the program and see photographs at <http://www.ams.org/ams/sacnas2009-mtg.html>.

• **Arnold Ross Lecture.** Dana Randall of the Georgia Institute of Technology gave the 2009 Arnold Ross Lecture, "Domino Tilings of the Chessboard: An Introduction to Sampling and Counting", at the National Science Center/Fort Discovery in Augusta, Georgia, in October. The AMS ran *Who Wants to Be a Mathematician* after the lecture. Read about the events at <http://www.ams.org/wwtbam/archive/ar12009.html>.

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

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Deaths of AMS Members

CHARLES E. AULL, professor emeritus, College of Science at Virginia Tech, died on July 4, 2009. Born on September 1, 1927, he was a member of the Society for 51 years.

SILVIO AURORA, retired professor, Rutgers University, Newark, died on October 11, 2001. Born on February 25, 1925, he was a member of the Society for 56 years.

FRANK S. BECKMAN, retired, CUNY Graduate Center, died on October 16, 2009. Born on April 10, 1921, he was a member of the Society for 62 years.

WILLIAM A. BEYER, Los Alamos National Laboratory, died on August 16, 2008. Born on November 9, 1924, he was a member of the Society for 56 years.

STANLEY J. BEZUSZKA, S.J., retired professor, Boston College, died on December 27, 2008. Born on January 26, 1914, he was a member of the Society for 54 years.

GARY S. BLOOM, professor, City College, CUNY, died on September 6, 2009. Born on March 30, 1940, he was a member of the Society for 29 years.

JOHN W. BRACE, professor emeritus, University of Maryland, died on December 26, 2008. Born on January 19, 1926, he was a member of the Society for 57 years.

WRAY G. BRADY, retired professor, Slippery Rock University, died on November 17, 2008. Born on July 20, 1918, he was a member of the Society for 61 years.

JAMES L. BROOKS, retired professor, Villanova University, died on September 12, 2009. Born on July 7, 1930, he was a member of the Society for 53 years.

HUGH D. BRUNK, professor, Oregon State University, died on July 19, 2009. Born on August 22, 1919, he was a member of the Society for 67 years.

ALTON T. BUTSON, Lake Worth, FL, died in September 1997. Born on February 18, 1926, he was a member of the Society for 44 years.

JOEL CARROLL, Poway, CA, died on November 18, 2005. Born on April 8, 1924, he was a member of the Society for 50 years.

CHARLES M. CHAMBERS, past president, Lawrence Technological University, died on May 20, 2009. Born on June 22, 1941, he was a member of the Society for 42 years.

ROBERT L. DAVIS, from Chapel Hill, NC, died on October 12, 2009. Born on May 23, 1919, he was a member of the Society for 56 years.

ALBERT L. DEAL III, professor, Virginia Military Institute, died on August 1, 2009. Born on August 31, 1937, he was a member of the Society for 49 years.

RANJIT S. DHALIWAL, professor emeritus, University of Calgary, died on October 10, 2007. Born on June 21, 1930, he was a member of the Society for 40 years.

LEROY J. DERR, retired professor, University of New Orleans, died on November 7, 2004. Born on January 31, 1926, he was a member of the Society for 54 years.

H. P. EDMUNDSON, professor emeritus, University of Maryland, died on July 9, 2009. Born on December 13, 1921, he was a member of the Society for 56 years.

SHELDON E. ELLIOTT, chancellor, Phillips University, died on January 6, 2009. Born on July 9, 1925, he was a member of the Society for 52 years.

BENJAMIN EPSTEIN, professor emeritus, Technion-Israel Institute of Technology, died on December 22, 2004. Born on March 5, 1918, he was a member of the Society for 65 years.

KLAUS G. FISCHER, professor, George Mason University, died on July 2, 2009. Born on November 12, 1943, he was a member of the Society for 40 years.

ISRAEL M. GELFAND, professor, Rutgers University, died on October 5, 2009. Born on August 20, 1913, he was a member of the Society for 45 years.

LEONARD GILLMAN, emeritus professor, University of Texas at Austin, and former president of the MAA, died on April 7, 2009. Born on January 8, 1917, he was a member of the Society for 67 years.

GEORGE H. HANDELMAN, professor emeritus at Rensselaer Polytechnic Institute, died on September 13, 2008. Born on March 24, 1921, he was a member of the Society for 64 years.

MELVIN HENRIKSEN, professor of mathematics emeritus at Harvey Mudd College, died on October 14, 2009. Born on February 23, 1927, he was a member of the Society for 59 years.

ANNA S. HENRIQUES, chairman emeritus, College of Santa Fe, died on November 28, 2004. Born on August 20, 1905, she was a member of the Society for 74 years.

ABRAHAM A. HOCHMAN, Barcelona, Spain, died on June 30, 2008. Born on March 27, 1952, he was a member of the Society for 8 years.

CHUAN C. HSIUNG, retired professor, Lehigh University, died on May 6, 2009. Born on February 15, 1915, he was a member of the Society for 63 years.

WILLIAM J. JAFFE, professor emeritus, New Jersey Institute of Technology, died on September 25, 2000. Born on March 22, 1910, he was a member of the Society for 54 years.

HAROLD H. JOHNSON, retired professor from Trinity University, died on September 25, 2009. Born on September 20, 1929, he was a member of the Society for 52 years.

L. WAYNE JOHNSON, from Brownsburg, IN, died on July 22, 1989. Born on October 21, 1901, he was a member of the Society for 53 years.

JAMES T. JOICHI, retired professor, University of Minnesota, died on October 11, 2008. Born on May 22, 1927, he was a member of the Society for 52 years.

ERWIN O. KREYSZIG, retired professor, Carleton University, died on December 12, 2008. Born on January 6, 1922, he was a member of the Society for 51 years.

MARGARET M. LASALLE, assistant professor from Louisiana, died on August 12, 2009. Born on July 8, 1923, she was a member of the Society for 43 years.

HENRY S. LIEBERMAN, Waban, MA, died on May 14, 2009. Born on September 26, 1940, he was a member of the Society for 42 years.

ROBERT A. LIEBLER, professor, Colorado State University, died on July 19, 2009. Born on October 23, 1944, he was a member of the Society for 40 years.

JOHN J. MACDONNELL, S.J., associate professor emeritus, College of the Holy Cross, died on July 29, 2004. Born on March 28, 1927, he was a member of the Society for 43 years.

NATHANIEL MACON, retired professor, American University, died on November 26, 2001. Born on November 15, 1926, he was a member of the Society for 51 years.

MILTON ROSENBERG, from Delray Beach, FL, died on September 14, 1999. Born on May 2, 1934, he was a member of the Society for 37 years.

BENJAMIN L. SCHWARTZ, Vienna, VA, died on March 7, 1998. Born on January 11, 1926, he was a member of the Society for 51 years.

RICHARD SEE, from Seattle, WA, died on January 16, 2002. Born on December 3, 1923, he was a member of the Society for 42 years.

G. OLOF THORIN, from Sweden, died on February 14, 2004. Born on February 23, 1912, he was a member of the Society for 51 years.

HIROSHI UEHARA, professor, Oklahoma State University, died on November 29, 1997. Born on March 7, 1923, he was a member of the Society for 38 years.

CLARENCE J. WALLEN, S.J., professor emeritus, Loyola Marymount University, died on October 28, 2000. Born on October 16, 1916, he was a member of the Society for 44 years.

KENNETH G. WOLFSON, professor emeritus, Rutgers University, New Brunswick, died on October 7, 2000. Born on November 21, 1924, he was a member of the Society for 49 years.