
Inside the AMS

AMS Sponsors NExT Fellows

Project NExT (New Experiences in Teaching) is a professional development program for new or recent Ph.D.'s in the mathematical sciences (including pure and applied mathematics, statistics, operations research, and mathematics education). It addresses all aspects of an academic career: improving the teaching and learning of mathematics, engaging in research and scholarship, and participating in professional activities. It also provides the participants with a network of peers and mentors as they assume these responsibilities. Each year sixty to seventy new Ph.D.'s receive Project NExT Fellowships, which allow them to attend special events at the MAA MathFest and at the Joint Mathematics Meetings.

Each year the AMS sponsors six AMS NExT Fellows who are affiliated with Ph.D.-granting institutions and who show promise in mathematics research. The AMS also holds activities for the AMS NExT Fellows at the Joint Mathematics Meetings.

The names, affiliations, and areas of research of the 2004–2005 AMS NExT Fellows are: KATHARINE GURSKI, George Washington University, applied mathematics, mathematical modeling; ELIZABETH KLODGINSKI, University of California, Davis, low-dimensional topology; MARK W. LUCIANOVIC, Stanford University, number theory, automorphic forms; KATHRYN L. NYMAN, Loyola University, Chicago, combinatorics; JOHN STARRETT, New Mexico Institute of Mining and Technology, dynamical systems and knot theory; and PETER J. THOMAS, Oberlin College, mathematical biology and computational neuroscience.

For further information about Project NExT, visit the website <http://archives.math.utk.edu/projnext/>.

—*Elaine Kehoe*

Trjitzinsky Memorial Awards Presented

The AMS has made awards to nine 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 2004 awards the AMS chose six geographically distributed schools to receive one-time awards of \$4,000 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 are 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 2004, the names of the students receiving Trjitzinsky Awards, and brief biographical sketches of the students.

Beloit College: LAURA WOLFGRAM. Wolfgram grew up in Madison, Wisconsin. She became interested in mathematics during her sophomore year in college. She was an athlete in high school and continues to compete in college.

Lafayette College: PRINCE CHIDYAGWAI, EKATERINA JAGER, and BLERTA SHTYLLA. Chidyagwai was born in Zimbabwe and came to the United States to study at Lafayette. He majors in both mathematics and computer science. He has participated in the National Science Foundation's Research Experiences for Undergraduates (REU) Program. He is vice president of Pi Mu Epsilon; a teaching assistant in the mathematics department; and a member of the International Students Association, the student chapter of the Association of Computing Machinery, and the Mathematics Club. He plans to pursue a Ph.D. in applied mathematics.

Jager was born in Tashkent, Uzbekistan, and came to Lafayette as an engineering student. She is now a double major in mathematics and electrical and computer engineering. She presented a poster at the Joint Mathematics Meetings in Phoenix in 2004 and was a member of Lafayette's team in the 2004 Putnam Competition. She is the treasurer of the Society of Women Engineers and is a member of the Math Problem Solving Group, the International Students Association, the Investment Club, and the Hispanic Society. She enjoys Latin and swing dancing. She plans to continue to study mathematics in graduate school.

Shtylla was born in Tirana, Albania, and spent her senior year of high school studying in Switzerland. She majors in mathematics and minors in bioengineering. She has participated in the Program for Women in Mathematics at the Institute for Advanced Study and held a summer research fellowship at the Mayo Clinic. She also participated in the National Science Foundation's REU Program. She plans to study applied mathematics in graduate school.

Michigan State University: ANTONIO VELOZ. Veloz grew up in Detroit, Michigan. At Michigan State, according to Peter Bates, chair of the Department of Mathematics, "he caught sight of the beauty and power of mathematics." He is a nearly straight-A student in advanced mathematics and plans to continue to study mathematics in graduate school.

University of Pennsylvania: DANIEL M. POMERLEANO. Pomerleano was born in Falls Church, Virginia. He attended the Thomas Jefferson High School for Science and Technology, where he took upper-level math classes. As a result he has already begun to take graduate courses as a sophomore at Pennsylvania. He plans to combine his degree in mathematics with a degree in finance from the Wharton School of Business. He has research experience in the simulation of stochastic processes as well as differential games. He is a master in chess and is interested in a mathematical representation of chess; he applies his current theories against the highest level of competition. He is interested in researching the relationship between mathematics and finance.

Portland State University: KATHRYN CARR and CASS BATH. Carr is a senior mathematics major at Portland. After graduation she plans to enter the Peace Corps for two years and hopes to work in health education in Africa. When she completes this experience, she plans to enroll in graduate school in advanced mathematics with the goal of becoming a high school or community college teacher.

Bath carries a double major in mathematics and women's studies and a minor in psychology. She plans to study statistics in graduate school with the goal of earning a Ph.D. Her career goal is to combine research in the social sciences with work in statistics, and she is particularly interested in studying gender equity, as well as other inequities, in mathematics and science.

The mathematics department at Portland State University will contribute \$1,000 in matching funds to these students' awards.

Santa Clara University: OLIVIA NICHOL GISTAND. Gistand began her college career as a computer science major but became fascinated with mathematics and changed her major. She plans to become an actuary and is also interested in teaching high school mathematics. The mathematics department at Santa Clara will contribute \$500 in matching funds to her award.

For further information about the Trjitzinsky Memorial Fund, contact the AMS Development Office, 201 Charles Street, Providence, RI 02904-2294; email: development@ams.org; telephone 401-455-4111.

—*Elaine Kehoe*

Deaths of AMS Members

SHIING-SHEN CHERN, professor emeritus of the University of California, Berkeley, and Nankai University, People's Republic of China, died on December 3, 2004. Born in October 1911, he was a member of the Society for 61 years.

KARIN GATERMANN, of the University of Western Ontario, died in 2004. Born on December 17, 1961, she was a member of the Society for 3 years.

MICHAEL GRUTER, of the Universität des Saarlandes, Germany, died on November 13, 2004. Born on September 8, 1953, he was a member of the Society for 24 years.

J. HARRISON HANCOCK, retired, from Charlottesville, VA, died on October 14, 2004. Born on July 31, 1916, he was a member of the Society for 7 years.

FRANK HARARY, professor emeritus, New Mexico State University, Las Cruces, died on January 5, 2005. Born on March 11, 1921, he was a member of the Society for 60 years.

GREGERS KRABBE, professor emeritus, of Concord, CA, died on October 31, 2004. Born on January 5, 1919, he was a member of the Society for 49 years.

JEAN E. LEFEBVRE, retired, from Antony, France, died on September 25, 2004. Born on June 29, 1914, he was a member of the Society for 43 years.

FREDERICK W. LIPPS, retired, from Bellaire, TX, died on July 30, 2004. Born on February 18, 1929, he was a member of the Society for 28 years.

MICHAILO YADRENKO, of Kiev University, Ukraine, died on September 28, 2004. Born on April 16, 1932, he was a member of the Society for 9 years.