
Inside the AMS

AMS Project NExT Fellows Chosen

Six mathematicians have been selected as AMS Project NExT fellows for the 2013–2014 academic year. Their names, affiliations, and areas of research are: TIMUR AKHUNOV, University of Rochester, existence and regularity for partial differential equations; NATHANIAL BURCH, Gonzaga University, partial differential equations and stochastic processes; JAMES COLLINS, West Texas A&M University, applied mathematics; MARTHA PRECUP, Baylor University, Lie theory, representation theory, algebraic geometry; AMANDA SCHAEFFER FRY, Metropolitan State University of Denver, representations of finite groups; MUTIARA SONDJAJA, Courant Institute of Mathematical Sciences, New York University, mathematical optimization, operations research.

Project NExT (New Experiences in Teaching) is a professional development program for new and recent PhDs 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. The AMS provides funding for a number of the fellowships.

—From an MAA announcement

2014 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 2014 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 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 2014, the names of the students receiving Trjitzinsky awards, and brief biographical sketches of the students.

Old Dominion University: KATHLEEN M. CHAMBERLAIN. Chamberlain is the spouse of an active-duty service member in the US military and a returning student of mathematics at Old Dominion who has maintained a 4.0 GPA at all levels of her education. She plans on using her degree to assist service members and their families in continuing their education by becoming a tutor in the Department of Defense's tutoring program. She hopes to help others see mathematics as a fascinating and invaluable tool. She previously worked with United Way Worldwide in a variety of finance-related roles, including donor-advised giving and international grant accounting.

Miami University, Oxford: DANIEL BICKLEY. Bickley is a junior computer science major with a mathematics minor. Since he started college he has wanted to learn about how the world works and found that mathematics was the language of the physical world. Since that time he has been using mathematics to guide his everyday life and decisions. He is currently working toward a career in algorithmic design but also hopes to be a college professor in order to share the reasons that applied and theoretical mathematics are vitally important to him and to the world.

Oral Roberts University: SARIAH D. REESE. Reese was born and raised in Lawton, Oklahoma, and attended Eisenhower Senior High School, maintaining a 4.0 GPA and graduating with honors. She is a sophomore at Oral Roberts. She volunteers at various functions and singing rehearsals at her church. She enjoys spending time with family and friends and strives to make them proud every day. Her career goal is to become a superintendent of a school district in order to have an impact on the lives and education of upcoming generations of students.

California State University Fullerton: HORACIO A. SANCHEZ CARDENAS. Sanchez Cardenas moved to California from Mexico when he was seventeen years old, knowing no English. He now speaks and understands the language well. He transferred from Fullerton Junior College to Cal State Fullerton this year. He works as a busboy and server at a Mexican restaurant; to concentrate on his studies he had to drop shifts at work and look to friends for assistance. He is a determined student with a passion for mathematics who aims to become a math teacher. He hopes to share the beauty he sees in mathematics with future students and to serve as a role model to

students who are overcoming obstacles to pursue their dreams, as he is doing now.

Cornell University: MATTHEW S. FARRELL. Farrell began his studies at Cornell in 2013, having transferred from the College of Idaho in his junior year. As a freshman he found that he enjoyed many subjects but came to love mathematics for the combination of power and aesthetic pleasure it afforded him. His awareness of the field underwent a dramatic change during an internship at the Lawrence Berkeley National Laboratory in the summer of 2012. The prospect of studying mathematics across a range of subject matter and of doing research brought him to Cornell intent on reaching as high a level of mathematical maturity as he could. Since arriving at Cornell he has learned mathematics at an exhilarating rate and, with his professor, made progress toward figuring out properties not yet known about sandpiles.

West Chester University of Pennsylvania: PRABHAT KUMAR. Kumar is a sophomore mathematics and physics major with a 3.825 GPA and thirty-two earned credits so far in math and physics coursework. He is a commuter student who is serious about his mathematics studies and is already interested in research.

Emporia State University: TAYLOR HUETTENMUELLER. Huettenmueller is a mathematics major and computer science minor in his junior year with a total GPA of 3.94 and a mathematics GPA of 4.0. He works on campus in the budget office to support himself through college. He is a member of numerous honor societies, including the Emporia State Honors College and Kappa Mu Epsilon. He plans to use his degree to become an actuary.

—Elaine Kehoe

From the AMS Public Awareness Office



AMS for Students. This new site offers news and information for high school and undergraduate students of mathematics, with links to explore math programs, enter competitions, find graduate programs, see where math is used, get free math help, publish and present research, see deadlines for opportunities for fellowships, meetings, and more. See www.ams.org/students.

National Who Wants to Be a Mathematician. Ten contestants from around the United States have qualified for the national game at the Joint Mathematics Meetings (JMM) in San Antonio, Texas, on January 12, 9:30–11:00 a.m., Room 103, at the Convention Center. The grand prize winner will share US\$10,000 with his or her school mathematics department. JMM participants and the general public are invited to attend, to cheer on, support, and encourage the contestants, and even try to play along. “Are you smarter than a (pretty sharp) high school math student?” See www.ams.org/wwtbam.

AMS events at the 2015 Joint Mathematics Meetings. Visit the AMS exhibit to see books on sale; join the AMS or

renew your membership; learn about AMS programs for students and mathematicians at various stages in their careers; attend the Mathematical Reviews Reception, Monday, January 12, 6:00–7:00 p.m., and meet the new executive editor, Edward Dunne; and purchase tickets with your registration for the AMS Dinner, an evening celebrating the spirit of connection and collaboration, to be held on Tuesday, January 13, at 7:30 p.m. See the entire program at jointmathematicsmeetings.org/.

—Annette Emerson and Mike Breen
AMS Public Awareness Officers
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Deaths of AMS Members

ALBERT BAERNSTEIN II, of St. Louis, Missouri, died on June 10, 2014. Born on April 25, 1941, he was a member of the Society for 49 years.

WILLIAM R. BALLARD, professor, University of Montana-Missoula, died on April 11, 2014. Born on February 1, 1926, he was a member of the Society for 62 years.

HOWARD E. BRANDT, of Silver Spring, Maryland, died on April 13, 2014. Born on January 2, 1939, he was a member of the Society for 22 years.

JERALD S. BRODKEY, of Cleveland, Ohio, died on May 20, 2014. Born on January 20, 1934, he was a member of the Society for 25 years.

LUTZ BUNGART of Ashland, Oregon, died on June 5, 2014. Born on January 29, 1938, he was a member of the Society for 53 years.

NIKOLAI CHERNOV, professor, University of Alabama at Birmingham, died on August 7, 2014. Born on November 10, 1956, he was a member of the Society for 20 years.

HARVEY COHN, of Laguna Woods, California, died on May 16, 2014. Born on December 27, 1923, he was a member of the Society for 72 years.

DANIEL C. COMISKEY, of Needham, Massachusetts, died on June 11, 2014. Born on May 20, 1930, he was a member of the Society for 25 years.

V. F. DEM'YANOV, professor, Saint Petersburg State University, died on April 18, 2014. Born on August 18, 1938, he was a member of the Society for 36 years.

VEIKKO O. ENNOLA, of Finland, died on January 28, 2013. Born on August 4, 1932, he was a member of the Society for 52 years.

LARS GÅRDING, professor, Lund University, died on July 7, 2014. Born on March 7, 1919, he was a member of the Society for 67 years.

FRANK D. GIANONO, of Valley Stream, New York, died on May 19, 2014. Born on October 19, 1955, he was a member of the Society for 5 years.

HAROLD W. KUHN, professor, Princeton University, died on July 2, 2014. Born on July 29, 1925, he was a member of the Society for 65 years.

KLAUS PETERS, of Sherborn, Massachusetts, died on July 7, 2014. Born on January 19, 1937, he was a member of the Society for 49 years.