

Inside the AMS

Trjitzinsky Memorial Award Presented

The AMS makes awards to 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.

In the fall of 2006, 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. Six of the schools were announced in the December 2006 issue of *Notices*; following is the seventh, which chose to announce its award in the spring, with the name of the award winner and a brief biographical sketch.

Swarthmore College: ADAM J. LIZZI. Lizzi is a senior from Lumberton, New Jersey, and is the first in his family to attend college. Although he was accelerated in math from an early age, he came to Swarthmore intending to study classics. He started changing his mind when, as a sophomore, he found that his abstract algebra class was more accessible than the strange dialects he encountered when reading Homer and Sappho. He spent last summer doing research in number theory at Swarthmore. He has played clarinet and has learned enough Japanese to be able to watch television shows and play video games without the aid of translation.

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.

—Elaine Kehoe

Web Notices Has a New Look



The *Notices* Web pages on the AMS website have been redesigned to provide a new, more attractive look as well as better functionality. The URL <http://www.ams.org/notices> now takes users directly to the table of contents of the current issue. From any webpage in the *Notices* area, one can jump to the table of contents of any issue going back to 1995. In addition, users can now download and browse through the full issue. Contact information, a list of *Notices* editors, instructions for writing and submitting articles, and information about advertising in the *Notices* are available on the *Notices* website.

With the support of AMS membership dues, the *Notices* on the Web is freely accessible to all. Comments and feedback are welcome and may be sent to notices@ams.org.

—Allyn Jackson

Subsidized Childcare Services at the Joint Mathematics Meetings

"Love it! And the boys do too!"

The American Mathematical Society and the Mathematical Association of America are pleased to announce that for the fourth year they are offering and significantly subsidizing childcare services at the Joint Mathematics Meetings (JMM), next in San Diego, CA, January 6–9, 2008. The childcare will be offered to parents through KiddieCorp, an organization that has been providing high-quality

programs for children of all ages at meetings throughout the U.S. and Canada since 1986.

Parents registered as participants at JMM can take their children for a fun few days and still enjoy the meeting. While attendees are in sessions, KiddieCorp will engage children in popular tried-and-true games and activities, including arts and crafts, music and movement, board games, storytime, and dramatic play. The program offers theme activities for the older children, specially designed so that children can make friends easily in a comfortable, safe, and happy environment.

The feedback on the service is enthusiastic: "Very convenient and useful. I hope it will continue to be offered." "I really appreciated the service." "Wonderful! Please do it again!"

The dates and times for the program are Sunday through Wednesday, January 6–9, 2008, 8:00 a.m. to 5:00 p.m. each day, and it will be located at the San Diego Marriott Hotel. The childcare services provided at the JMM are for children ages 6 months through 12 years old. Space per day will be limited and is on a space-available basis. Parents are encouraged to bring snacks and beverages for their children, but items such as juice boxes, Cheerios, and crackers will be provided. KiddieCorp can arrange meals for children at cost plus 15%, or parents can be responsible for meals for their children.

Registration will be open in September 2007, with a deadline of **December 9, 2007**. Availability is limited and handled on a first-come, first-served basis. The registration fee is US\$30 per family (nonrefundable), plus US\$9 per hour per child, US\$7 per hour per child for graduate students. Full payment is due at the time of registration with KiddieCorp. To learn more about the service and policies regarding cancellation and late child pick-up fees, and to register, go to <https://www.kiddiecorp.com/jmmkids.htm> or call KiddieCorp at 858-455-1718 to request a form.

Come to the Joint Mathematics Meetings in San Diego, January 6–9: Meet old and new colleagues, attend sessions, visit the exhibits—and bring your children!
http://www.ams.org/amsmtgs/2109_intro.html.

—Diane Saxe, Director,
Meetings and Conferences Department, AMS

AMS Committee on Science Policy

The 2007 Committee on Science Policy (CSP) meeting, held Tuesday–Wednesday, April 17–18, included a "Hill Day" of meetings between meeting participants and members of Congress and/or their staffs. These Hill meetings were for advocating increased funding in the fiscal year 2008 federal budget for the National Science Foundation (NSF) and the Office of Science at the U.S. Department of Energy. The CSP meeting included information sessions on the federal budget request for FY2008, an orientation session on how to conduct meetings with congressional offices, and a discussion of the message delivered during meetings.

On Wednesday morning participants met over breakfast with newly elected Congressman Jerry McNerney (CA-11). McNerney is a Ph.D. mathematician. What follows are highlights from the presentations at the CSP meeting.

Peter March, Director, Division of Mathematical Sciences, NSF: Peter March gave an overview of the NSF Division of Mathematical Sciences (DMS) and discussed the division's support of core disciplines, collaborative and interdisciplinary activities, workforce programs, research infrastructure, and other foundation-wide initiatives. March also discussed DMS budget trends, award sizes, and funding rates. He talked about how the division fits into the broader context of NSF investment priorities and articulated DMS investment priorities. He concluded his presentation by discussing a new NSF initiative related to the American Competitiveness Initiative: Cyber-enabled Discovery and Innovation (CDI). CDI is set to be funded NSF-wide at US\$52 million in the FY2008 budget. DMS will receive US\$5.2 million of this amount.

James Turner, Chief Counsel, House Committee on Science and Technology: Jim Turner briefly discussed the federal budget appropriations process. He also talked about what participants could expect from their meetings on Capitol Hill, including such things as the age of congressional staff and their educational backgrounds. He pointed out that there are few members of Congress or staff with science backgrounds and, therefore, it was important to provide anecdotal evidence of how research funding furthers innovation. Turner encouraged all participants to let this experience be a stepping stone to building an ongoing relationship with their members of Congress.

Kei Koizumi, Director, R&D Budget and Policy Program, American Association for the Advancement of Science: Kei Koizumi began his presentation on the FY2008 federal budget request by outlining the composition of the budget and looking at trends in discretionary spending over the past 30-plus years. He pointed out that because of a record federal budget deficit, the president's plan is to balance the budget by 2012, primarily by cutting discretionary spending. The overall FY2008 budget proposes large increases for defense and homeland security, and flat or declining funding for the rest of the federal research and development portfolio. A look at the federal investment in mathematics research specifically shows that despite cuts to overall science and technology, mathematics investments appear to increase at Defense Advanced Research Projects Agency (DARPA) in the U.S. Department of Defense. The DMS at the NSF would increase 8.6% as part of the ACI. The Advanced Scientific Computing Research program in the Office of Science at the U.S. Department of Energy would increase by over 20% as part of the ACI. Investments in the mathematical sciences could also increase in National Institute of General Medical Sciences (NIGMS) and National Institute of Biomedical Imaging and Bioengineering (NIBIB) of the National Institutes of Health.

James Glimm, AMS President, Stony Brook University: Jim Glimm discussed the mathematics of information-driven science, an area with the potential to become a major branch of science in the twenty-first century. He discussed

the characteristics of deductive- and inductive-based science and explained how the two are often intertwined. He also described their differences. Glimm shared with attendees an outline for a special session at the Joint Mathematics Meetings in 2008 that proposes to bring together groups of scientists and mathematicians to discuss the new generation of mathematical challenges arising from massive structures and data sets. The session will include both practitioners and mathematicians who will discuss the need for new mathematical tools and models.

Samuel M. Rankin III, AMS Associate Executive Director: Sam Rankin began his presentation by discussing the message that attendees will convey in their meetings with congressional offices. He detailed a one-page handout that discusses the necessity of investing in mathematics in order to ensure continued U.S. competitiveness in the global economy. This handout also specifies what participants will be asking their members of Congress to do: (1) support an FY2008 budget of at least US\$6.43 billion for the NSF and a budget of at least US\$223.47 million for the DMS, and (2) support an FY2008 budget of US\$4.4 billion for the Office of Science at the U.S. Department of Energy and at least US\$340.2 million for the Mathematical, Information, and Computational Sciences Program. Rankin also provided some meeting guidelines to attendees. He discussed the importance of explaining how funding for NSF and the mathematical sciences impacts the state/district of the member of Congress. He encouraged participants to use anecdotes to further exemplify the importance of research funding to the member's state/district. He discussed the fact that there is bipartisan support for innovation and competitiveness among members of Congress and how the case should be made for funding for the mathematical sciences in this context.

David Weinreich, Legislative Assistant, Office of Representative Bob Etheridge (NC-2), and former AMS Congressional Fellow: David Weinreich gave participants practical advice about how to lobby a member of Congress, how to convey the desired message, and what the meeting process would be like. He spoke to such things as being prepared, staying on message, and common courtesies such as being on time and saying "thank you". He talked about the process as being an opportunity to build relationships and stressed the importance of followup.

Capitol Hill Meetings: The twenty-seven CSP committee members and department chairs attending were divided into thirteen teams for the Capitol Hill visits. Each team had two to three members. Sixty-seven meetings were scheduled by the AMS Washington Office from 9:00 a.m. to 5:00 p.m. on Wednesday. Each team had from four to six meetings.

Committee on Science Policy Events at the 2008 Joint Mathematics Meetings: There was much discussion, and several ideas were formulated for the CSP-related activities at the Joint Mathematics Meetings to be held in San Diego in January 2008. CSP is generally involved in a panel discussion as well as in securing a government speaker at the meetings. It was decided that the committee would do only one or the other this year. The topic and format will be determined later.

Date of Next Meeting: The next meeting of the AMS Committee on Science Policy will be held Thursday-Saturday, March 6-8, 2008, in Washington, DC. The meeting will begin with a reception and dinner on Thursday evening and continue through midday Saturday. A day of Capitol Hill visits may be added, separate from the meeting, perhaps on Thursday before the meeting.

—Anita Benjamin, AMS Washington Office

Deaths of AMS Members

JACK BAZER, professor emeritus, from New York, NY, died on March 30, 2007. Born on December 23, 1924, he was a member of the Society for 59 years.

ARTHUR E. BRAGG, from Dover, DE, died on November 22, 2002. Born on January 27, 1926, he was a member of the Society for 46 years.

MILDRED C. BRUNSWIG, retired, Brown University, died on October 17, 1992. Born on March 14, 1900, she was a member of the Society for 67 years.

ROBERT A. FULLER, from Marietta, GA, died on September 26, 2006. Born on August 10, 1943, he was a member of the Society for 28 years.

STEVEN P. HAATAJA, assistant professor, from Rapid City, SD, died on December 5, 2006. Born on July 20, 1960, he was a member of the Society for 19 years.

HEINZ G. HELFENSTEIN, retired, from Victoria, Canada, died on December 17, 2006. Born on April 9, 1921, he was a member of the Society for 52 years.

RALPH N. JOHANSON, professor emeritus, from Millis, MA, died on November 21, 2004. Born on November 21, 1914, he was a member of the Society for 65 years.

FRANK B. KNIGHT, professor emeritus, University of Illinois, died on March 19, 2007. Born on October 11, 1933, he was a member of the Society for 51 years.

KENNETH D. MAGILL JR., professor, SUNY at Buffalo, died on February 22, 2007. Born on October 21, 1933, he was a member of the Society for 47 years.

MONROE H. MARTIN, retired professor and director, University of Maryland, College Park, died on March 12, 2007. Born on February 7, 1907, he was a member of the Society for 78 years.

HWANG-WEN PU, professor, Texas A&M University, died on February 20, 2006. Born on September 5, 1930, he was a member of the Society for 42 years.

JOSEPH L. VITTITOW, from Greenville, NC, died on February 9, 2007. Born on December 10, 1957, he was a member of the Society for 5 years.