

A PUBLICATION TO INFORM MEMBERS ABOUT SOCIETY ACTIVITIES. THIS "YEAR IN PICTURES" ISSUE HIGHLIGHTS SOME OF THE SOCIETY'S OUTREACH ACTIVITIES AND MEETINGS IN 2003.

The Year in Pictures

This issue is devoted to showing AMS members some of the Society's many activities and meetings in 2003.



Employment Register

50th Anniversary

Exhibit

The Employment Center Celebrates Its 50th Year

At the Joint Mathematics Meetings in Baltimore a special historical exhibit marking the 50th anniversary of the Employment Register was on display in the lobby outside the registration area. Many people browsed the display—which included applications and feedback from years past, photographs of job seekers and employers, charts showing employment over the decades, and a “Where are they now?”

section—and some mathematicians even found themselves in the photos that were part of the exhibit. The exhibit was conceived by Diane Boumenot, AMS Membership and Programs Manager, and designed by Stephanie Heiser, a student at the Art Institute of Boston.

The 2003 Employment Center—managed by Diane Boumenot, AMS Membership and Programs, with support from AMS staff from various departments—had 432 applicants and 125 employers participating.

[Read more](#) The evolution of the Employment Center is chronicled at www.ams.org/ams/ec-2003.html.

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The AMS Helps Celebrate Pi Day in Rhode Island

Rhode Island high school student **Alexander Marcus** won \$1,000 in the final round of **Who Wants To Be a Mathematician** held on **Pi Day** (3/14) at Providence College. This was the third year

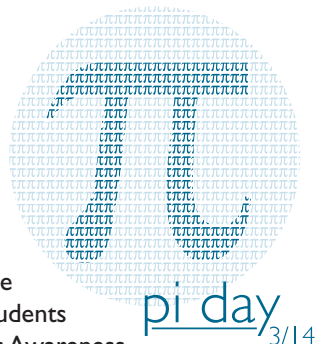


Grand Prize winner Alexander Marcus and his teacher George Lewis

the AMS organized the game for top math students in the state. AMS Public Awareness

Officer Mike Breen quizzed 10 contestants while entertaining the audience of classmates, teachers, parents, Providence College faculty, and AMS staff. The contestants' fellow classmates also entertained the audience with their creative math club T-shirts, banners, mascots, and cheers.

[Read more](#) See more photographs and the list of qualifying students at www.ams.org/ams/pi-day-2003.html.





The AMS Underwrites Local PBS Auction

AMS staff, family, and friends volunteered at the Rhode Island PBS Channel 36 auction in April (Mathematics Awareness Month). The Society showed its support of PBS by underwriting the night and providing 22 volunteers to answer phones, act as auctioneers and bid writers, and handle the live telephone auction. The presence of AMS staff and airings of a short spot about the AMS provided an opportunity for the Society to promote awareness of its missions and programs to PBS viewers in Rhode Island and parts of Massachusetts and Connecticut.

[Read more](#) See more photographs at www.ams.org/ams/ams-pbs-auction2003.html.



AMS Executive Director John Ewing at the auction



AMS President David Eisenbud Testifies Before House Appropriations Subcommittee

In April AMS President David Eisenbud (right, in photo) testified before the House Appropriations Subcommittee on VA, HUD, and Independent Agencies, urging support for the National Science Foundation's 2004 budget. Eisenbud thanked subcommittee members for their support for the NSF Authorization Act, passed in 2002, which recommended a budget of \$6.39 billion for the NSF in fiscal year 2004.

[Read more](#) Eisenbud's testimony is posted at www.ams.org/government/testimony-eisenbud-0403.pdf.



AMS Epsilon Fund Supports Math Camps

The AMS chose eight summer mathematics programs to receive Epsilon grants for activities during the summer of 2003: All Girls/All Math, University of Nebraska; Hampshire College Summer Studies in Mathematics, Amherst, Massachusetts; Mathcamp, Mathematics Foundation of America; Stanford University Mathematics Camp, Stanford University; PROMYS, Boston University; Ross Mathematics Program, The Ohio State University; SWT Honors Summer Math Camp, Southwest Texas State University; and the University of Chicago Young Scholars Program.

The grants supported program expenses and student scholarships and, in some cases, scholarships only. The selection committee consisted of Lenore J. Cowen, Tufts University; Alan S. Edelman, Massachusetts Institute of Technology; Joel Spencer, Courant Institute of Mathematical Sciences, New York University (chair); and Joseph Gallian, University of Minnesota at Duluth.

[Read more](#) The Society's Epsilon Fund is an endowment to support young scholars programs. Read about its founding, goals, and how to contribute to the fund at www.ams.org/development/epsilon.html.



Students at the Hampshire College summer program

AMS Publications Exhibited in Seville and Sydney



In June the AMS exhibited its publications at the First Joint International Meeting with the Sociedad Matematica Española, in Seville, Spain. Oxford University Press, the distributor of AMS books in Europe, displayed AMS books in its booth. In July the AMS exhibited its publications at the 5th International Congress on Industrial and Applied Mathematics (ICIAM) in Sydney, Australia. Beth Huber, Deputy Publisher, and John Ewing, Executive Director and Publisher, represented the AMS, which shared exhibit space with SIAM.

[Read more](#) The program of the joint meeting in Seville is in the June/July Notices at www.ams.org/notices/200306/mtgs.pdf. The ICIAM 2003 program and final report are at www.iciam.org/iciamHome/iciamHome_tf.html.

Snowbird Resort Hosts Joint Summer Research Conferences for the First Time

The 2003 Summer Research Conferences (SRCs) were a great success, due in part to their new location—the Snowbird Resort in Utah, a beautiful, breathtaking mountain setting. One of the highlights was *Commutative Algebra: Presentations by Young Researchers*, organized by Jürgen Herzog (Universität Essen), Craig Huneke (University of Kansas), and Roger L. Wiegand (University of Nebraska). The reaction of one participant: “The blend of one expository talk by a senior expert combined with shorter talks by young folks was a great format” reflects the sentiment of many.

Read more Information on the SRC 2004 and Call for Proposals for SRC 2005 are posted at www.ams.org/meetings/src.html.



SRC 2003 participants



2003 Public Service Award recipient Sherwood L. Boehlert

AAS-AMS-APS Public Service Awards Presented

The AMS, the American Astronomical Society, and the American Physical Society presented their fourth annual public service awards at a reception in Washington, DC. The awards are given to individuals who have performed outstanding public service in support of science. This year's recipients were **Congressman Sherwood L. Boehlert** (R-NY), chairman of the House Science Committee; **Congressman Alan B. Mollohan** (D-WV), ranking member of the House Appropriations Subcommittee on VA, HUD, and Independent Agencies; and **Senator Pete V. Domenici** (R-NM), chair of the Senate Energy and Natural Resources Committee and the Senate Appropriations Subcommittee on Energy and Water.

Read more Read a report about the public service awards ceremony at www.ams.org/government/pubservaward03.html. Link to writeups about the congressional luncheon briefing organized by the AMS and about mathematician Kenneth Golden's exhibit at the Coalition for National Science Funding event at www.ams.org/government/dcoffice.html.



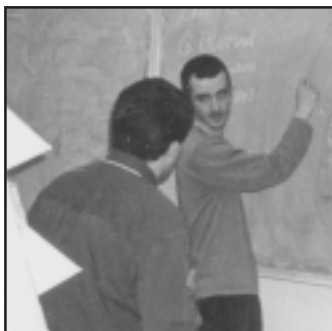
The AMS involved in *Proof* Theater and Film Productions

While preparing its production of *Proof*, the Trinity Repertory Theater in Providence, Rhode Island, invited Mike Breen and Ed Dunne (mathematicians on the AMS staff) to advise the company about props and provide the actors with some background on mathematics. The Society donated free tickets to students and faculty at Brown University, Rhode Island College, and the University of Rhode Island. The set designers for the upcoming film version of *Proof* also contacted the AMS, and the Society provided books and journals as props. The film, scheduled for release in 2004, is being shot in Chicago and England. Anthony Hopkins will play the role of the mathematician father, and Gwyneth Paltrow will play the mathematically talented daughter. *Proof*, by David Auburn, won both a Pulitzer Prize and a Tony Award.

Read more Read David Bayer's review of *Proof* in the September 2000 issue of the *Notices* at www.ams.org/notices/200009/rev-bayer.pdf.



AMS ad in playbill



Participants discuss mathematics near the AMS exhibit at the meeting.

First Joint Central and Western Section Meeting

The University of Colorado in Boulder hosted the first joint Central and Western Section Meeting in October. Avi Wigderson of the Institute for Advanced Study (Princeton, NJ) and Hebrew University (Jerusalem) gave this year's Erdős Memorial Lecture, *Some Insights of Computational Complexity Theory*, at the meeting. The Erdős Memorial Lecture is an annual invited address made possible by a fund created by Andrew Beal, a Dallas banker and mathematics enthusiast.

Read more The program for the meeting held in October is posted at www.ams.org/amsmtgs/2009_program.html. Read more about the Beal Conjecture and Prize at www.ams.org/prizes/supported-prizes.html. See upcoming spring section meetings at www.ams.org/amsmtgs/sectional.html.



2003
Arnold Ross
LECTURES
for talented high school mathematics students

Paul Sally Gives the Arnold Ross Lecture

Sally's lecture, *Problems in Mathematics from Zero to Infinity*, given at the Museum of Science and Industry in Chicago, attracted nearly 300 students and teachers. Sally, a professor of mathematics at the University of Chicago, has been involved in the Chicago public schools since 1969. He was appointed the first director of the University of Chicago School of Mathematics Project (UCSMP) in 1983. He founded Seminars for Elementary Specialists and Mathematics Educators (SESAME) in

1992 and has directed the University of Chicago Young Scholars Programs (YSP).

Sally has been a major supporter of the AMS's Epsilon Fund for Young Scholars programs across the country and in 2000 was given the Society's Award for Distinguished Public Service—one of the highest distinctions given for service to mathematics.

Read more Read about the Arnold Ross Lectures at www.ams.org/meetings/ross-lect.html and an interview with Arnold Ross in the August 2001 *Notices* at www.ams.org/notices/200107/fea-ross.pdf.