

Biennial Overview of AMS Honors



Every two years, the *Notices*, as the Society's journal of record, publishes an overview of AMS honors. In this section, we list the special lectures, prizes, awards, and fellowships; give brief descriptions of each; and provide links for further information, including past recipients and lecturers.

The Society governance consists of the officers (president, three vice presidents, secretary, four associate secretaries, treasurer, and associate treasurer), the Council, Executive Committee of the Council, and Board of Trustees. You may find information about Society governance at www.ams.org/governance, which includes links to books that chronicle the history of the AMS: *A Semicentennial History of the American Mathematical Society, 1888–1938*, by Raymond Clare Archibald, and *History of the Second Fifty Years, American Mathematical Society, 1939–1988*, by Everett Pitcher.

We begin with a list of past presidents, treasurers, and secretaries.

Boris Hasselblatt

Boris Hasselblatt, AMS Secretary

Presidents

2022–2023	Bryna Kra
2021–2022	Ruth Charney
2019–2020	Jill C. Pipher
2017–2018	Kenneth A. Ribet
2015–2016	Robert L. Bryant
2013–2014	David A. Vogan, Jr.
2011–2012	Eric M. Friedlander
2009–2010	George E. Andrews
2007–2008	James G. Glimm
2005–2006	James G. Arthur
2003–2004	David Eisenbud
2001–2002	Hyman Bass
1999–2000	Felix E. Browder
1997–1998	Arthur M. Jaffe
1995–1996	Cathleen Synge Morawetz
1993–1994	Ronald L. Graham
1991–1992	Michael Artin
1989–1990	William Browder
1987–1988	George Daniel Mostow
1985–1986	Irving Kaplansky
1983–1984	Julia Bowman Robinson
1981–1982	Andrew Mattel Gleason
1979–1980	Peter David Lax
1977–1978	R H Bing
1975–1976	Lipman Bers
1973–1974	Saunders Mac Lane
1971–1972	Nathan Jacobson
1969–1970	Oscar Zariski
1967–1968	Charles Bradfield Morrey, Jr.
1965–1966	Abraham Adrian Albert
1963–1964	Joseph Leo Doob
1961–1962	Deane Montgomery
1959–1960	Edward James McShane
1957–1958	Richard Dagobert Brauer
1955–1956	Raymond Louis Wilder

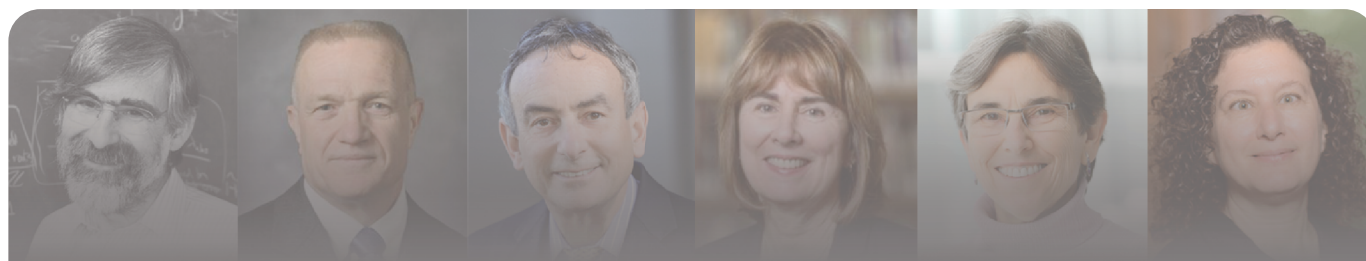
1953–1954	Gordon Thomas Whyburn
1951–1952	John von Neumann
1949–1950	Joseph Leonard Walsh
1947–1948	Einar Hille
1945–1946	Theophil Henry Hildebrandt
1943–1944	Marshall Harvey Stone
1941–1942	Harold Calvin Marston Morse
1939–1940	Griffith Conrad Evans
1937–1938	Robert Lee Moore
1935–1936	Solomon Lefschetz
1933–1934	Arthur Byron Coble
1931–1932	Luther Pfahler Eisenhart
1929–1930	Earle Raymond Hendrick
1927–1928	Virgil Snyder
1925–1926	George David Birkhoff
1923–1924	Oswald Veblen
1921–1922	Gilbert Ames Bliss
1919–1920	Frank Morley
1917–1918	Leonard Eugene Dickson
1915–1916	Ernest William Brown
1913–1914	Edward Burr Van Vleck
1911–1912	Henry Burchard Fine
1909–1910	Maxime Bôcher
1907–1908	Henry Seely White
1905–1906	William Fogg Osgood
1903–1904	Thomas Scott Fiske
1901–1902	Eliakim Hastings Moore
1899–1900	Robert Simpson Woodward
1897–1898	Simon Newcomb
1895–1896	George William Hill
1891–1894	John Emory McClintock
1888–1890	John Howard Van Amringe

Treasurers

2021–2025	Douglas Ulmer
2011–2021	Jane M. Hawkins
1999–2010	John M. Franks
1974–1998	Franklin P. Peterson
1965–1973	W. T. Martin
1949–1964	A. E. Meder, Jr.
1938–1948	B. P. Gill
1937	P. A. Smith
1930–1936	G. W. Mullins
1921–1929	W. B. Fite
1908–1920	J. H. Tanner
1900–1907	W. S. Dennett
1897–1899	Harold Jacoby
1895, 1896	R. S. Woodward
1892–1894	Harold Jacoby
1890, 1891	T. S. Fiske

Secretaries

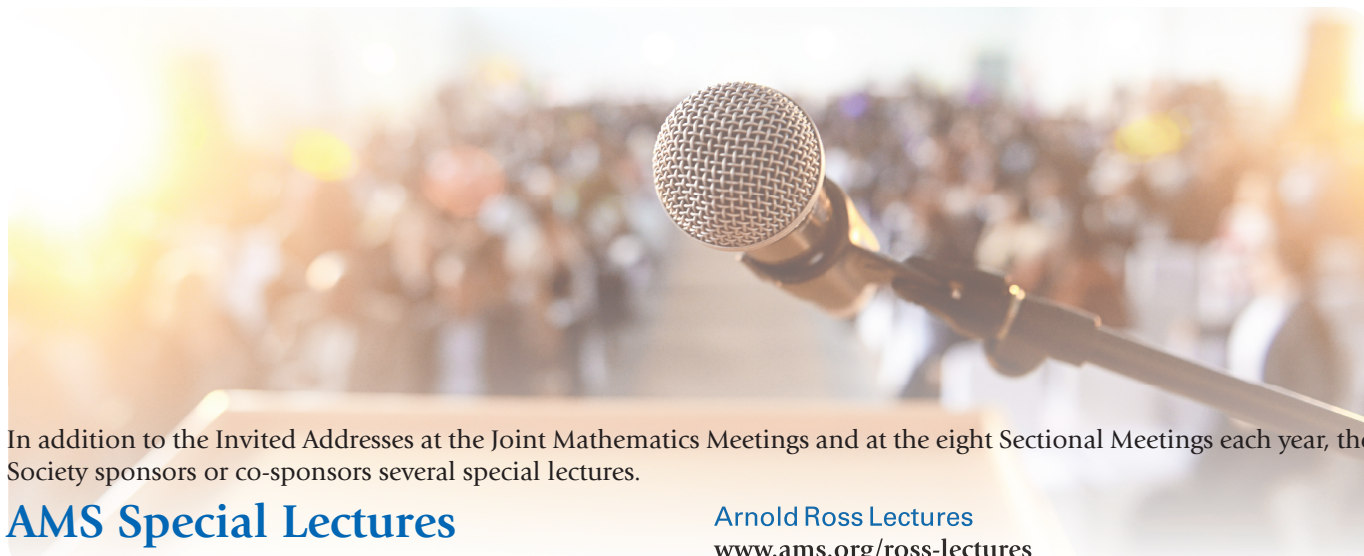
2021–2025	Boris Hasselblatt
2013–2021	Carla D. Savage
1999–2012	Robert J. Daverman
1989–1998	Robert M. Fossum
1967–1988	Everett Pitcher
1957–1966	J. W. Green
1951–1956	E. G. Begle
1941–1950	J. R. Kline
1921–1940	R. G. D. Richardson
1896–1920	F. N. Cole
1888–1895	T. S. Fiske



AMS Presidents: A Timeline

AMS presidents play a key role in leading the Society and representing the profession. Browse through the timeline to see each AMS president's page, which includes the institution and date of his/her doctoral degree, a brief note about his/her academic career and honors, and links to more extensive biographical information.

www.ams.org/presidents



In addition to the Invited Addresses at the Joint Mathematics Meetings and at the eight Sectional Meetings each year, the Society sponsors or co-sponsors several special lectures.

AMS Special Lectures

Colloquium Lectures

www.ams.org/meet-colloquium-lect

The Colloquium Lectures have a long and prestigious history. Maxime Bôcher and James Pierpont delivered the first sets of Lectures in 1896. They continue today as a highlight of the Joint Mathematics Meetings.

AMS Lecture on Education

www.ams.org/education-lect

The AMS Council established this Lecture in 2020. Its goal is to inform our mathematics community on evidence-based practices, developing trends, research, and scholarship in all educational settings that are of particular relevance to mathematicians and mathematics departments.

Einstein Public Lectures in Mathematics

www.ams.org/meet-einstein-lect

The Einstein Lectures, created by the AMS in 2005 to celebrate the one-hundredth anniversary of Einstein's annus mirabilis, are given at AMS Sectional Meetings.

AMS Erdős Lecture for Students

www.ams.org/meet-erdos-lect

This Lecture is named for the prolific mathematician Paul Erdős (1913–1996) and was given at Sectional Meetings annually since 1999. From 2022 onward, the Erdős Lecture for Students is an invited address at the Joint Mathematics Meetings.

Josiah Willard Gibbs Lectures

www.ams.org/meet-gibbs-lect

These invited Lectures are of popular nature, directed at those who are not professional mathematicians. The Society established the Gibbs Lectures in 1923.

The Maryam Mirzakhani Lectures

www.ams.org/meet-mirzakhani-lect

The AMS Council established this Lecture in 2018 to honor Maryam Mirzakhani (1977–2017), the first woman and the first Iranian to win a Fields Medal.

Arnold Ross Lectures

www.ams.org/ross-lectures

Created by the AMS at the encouragement of Paul Sally, these annual Lectures are aimed at talented high school mathematics students to stimulate their interest in mathematics beyond the traditional classroom.

John von Neumann Lecture

www.ams.org/von-neumann-lect

The AMS Council established this Lecture in 2021 to honor John von Neumann (1903–1957). The inaugural Lecture was delivered by Anna Gilbert, Yale University, at the 2022 Joint Mathematics Meetings. This is supported in part by the C. V. Newsom Fund.

Joint Lectures

NEW! AAAS–AMS Lecture

www.ams.org/ams-aaas-lect

Organized jointly by the AMS and Section A of AAAS, these Lectures feature mathematical scientists who embody the importance of mathematics in improving the human condition.

AMS Invited Address at SIAM Annual Meeting

www.ams.org/ams-siam-lect

AMS selects a lecturer to deliver an address at the SIAM Annual Meeting.

AMS–MAA Joint Lectures at MathFests

www.ams.org/ams-mathfest

These joint addresses, delivered annually at MathFest, are historical or expository in character.

AMS–MAA–SIAM Gerald and Judith Porter Lectures

www.ams.org/porter-lect

The Porter Lecture on a mathematical topic accessible to the broader community is given each year at the Joint Mathematics Meetings.

The AMS–NZMS Maclaurin Lectureship

www.ams.org/maclaurin-lectures

This Lectureship was a six-year reciprocal exchange between the New Zealand Mathematical Society and the American Mathematical Society.

The Current Events Bulletin

www.ams.org/current-events-bulletin

Organized by David Eisenbud, this JMM event features speakers surveying some of the most interesting current developments in mathematics, pure and applied.

MAA–SIAM–AMS Hrabowski–Gates–Tapia–McBay Lecture and Panel at the JMM

www.ams.org/hgtm-lect

Through multiple mechanisms, these sessions expect to facilitate and accelerate the participation of scientists in the building of sustainable communities of mathematicians and mathematical scientists.

AWM–AMS Noether Lectures

www.awm-math.org/noether-lectures

The Noether Lecture, given each year at the Joint Mathematics Meetings, honors women who have made fundamental and sustained contributions to the mathematical sciences.

AMS Prizes

AMS Prizes recognize outstanding achievement in mathematics, exceptional public service in support of research and education in the mathematical sciences, and significant contributions to the public understanding of mathematics. The Society added new prizes starting in 2024: Ivo and Renata Babuška Thesis Prize and Elias M. Stein Prize for New Perspectives in Analysis; 2025: Elias M. Stein Prize for Transformative Exposition and I. Martin Isaacs Prize for Excellence in Mathematical Writing; and 2026: Elias M. Stein Mentoring Award. The prizes below are awarded at the Awards Celebration at the Joint Mathematics Meetings.

NEW! Ivo and Renata Babuška Thesis Prize

www.ams.org/babuska-prize

Awarded annually to the author of an outstanding PhD thesis in mathematics, interdisciplinary in nature, possibly with applications to other fields.

NEW! Elias M. Stein Prize for New Perspectives in Analysis

www.ams.org/stein-prize

Awarded for the development of groundbreaking methods in analysis which demonstrate promise to revitalize established areas or create new opportunities for mathematical discovery.

NEW! Elias M. Stein Prize for Transformative Exposition

Awarded for a written work or works, such as a book, survey, or exposition, that transforms the mathematical community's understanding of the subject or reshapes the way it is taught.

NEW! I. Martin Isaacs Prize for Excellence in Mathematical Writing

www.ams.org/isaacs-prize

Awarded for excellence in writing of a research article published in a primary journal of the AMS in the past two years.

NEW! Elias M. Stein Mentoring Award

Recognizes mathematicians who have demonstrated a sustained commitment to the training and advancement of future generations of mathematicians.

Bôcher Memorial Prize

www.ams.org/bocher-prize

For a notable paper in analysis.

Chevalley Prize in Lie Theory

www.ams.org/chevalley-prize

For notable work in Lie theory.

Frank Nelson Cole Prize in Algebra

www.ams.org/cole-prize-algebra

For a notable paper in algebra.

Frank Nelson Cole Prize in Number Theory

www.ams.org/cole-prize-number-theory

For a notable paper in number theory.

Levi L. Conant Prizewww.ams.org/conant-prize

For an expository paper published in either the *Notices of the AMS* or the *Bulletin of the AMS*.

Mary P. Dolciani Prize for Excellence in Researchwww.ams.org/dolciani-prize

Recognizes a mathematician from a department that does not grant a PhD who has an active research program in mathematics and a distinguished record of scholarship.

Joseph L. Doob Prizewww.ams.org/doob-prize

For a single, relatively recent, outstanding research book.

Leonard Eisenbud Prize for Mathematics and Physicswww.ams.org/eisenbud-prize

For work that brings mathematics and physics closer together.

Ciprian Foias Prize in Operator Theorywww.ams.org/foias-prize

For notable work in operator theory published during the preceding six years in a recognized, peer-reviewed venue.

Ulf Grenander Prize in Stochastic Theory and Modelingwww.ams.org/grenander-prize

For theoretical and applied contributions in stochastic theory and modeling.

E. H. Moore Research Article Prizewww.ams.org/moore-prize

For a research article appearing in one of the AMS primary research journals.

David P. Robbins Prizewww.ams.org/robbins-prize

For a paper on novel research in algebra, combinatorics, or discrete mathematics.

Bertrand Russell Prize of the AMSwww.ams.org/russell-prize

For research or service contributions of mathematicians or related professionals to promoting good in the world, recognizing the various ways that mathematics furthers human values.

Ruth Lyttle Satter Prize in Mathematicswww.ams.org/satter-prize

For an outstanding contribution to mathematics research by a woman.

Leroy P. Steele Prizeswww.ams.org/steele-prize

- Lifetime Achievement
- Mathematical Exposition
- Seminal Contribution to Research

Oswald Veblen Prize in Geometrywww.ams.org/veblen-prize

For a notable research memoir in geometry or topology.

Albert Leon Whiteman Memorial Prizewww.ams.org/whiteman-prize

For notable exposition and exceptional scholarship in the history of mathematics.

AMS Awards and Fellowships

NEW! Stefan Bergman Fellowshipwww.ams.org/bergman-fellow

Established in 2023 with the proceeds of the Stefan Bergman Trust to support the advancement of the research portfolio of a mathematician who specializes in the areas of real analysis, complex analysis, or partial differential equations.

Joan and Joseph Birman Fellowship for Women Scholarswww.ams.org/Birman-fellow

Seeks to address the paucity of women at the highest levels of research in mathematics by giving exceptionally talented women extra research support during their mid-career years.

Centennial Fellowshipwww.ams.org/centennial-fellow

For outstanding mathematicians to help further their careers in research, with a focus on candidates who have not had extensive fellowship support in the past.

Claytor-Gilmer Fellowshipwww.ams.org/claytor-gilmer

Established to further excellence in mathematics research and to help generate wider and sustained participation by Black mathematicians.

AMS Congressional Fellowshipwww.ams.org/ams-aaas-congressional-fellowship

Selected Fellows spend a year working for a member of Congress or a congressional committee as a special legislative assistant in policy areas requiring scientific and technical input.

AMS Mass Media Fellowshipwww.ams.org/massmediafellow

In affiliation with the American Association for the Advancement of Science (AAAS), the AMS sponsors ten-week fellowships for graduate students in mathematics to work full time over the summer as reporters, researchers, and production assistants in US mass media organizations—radio and TV stations, newspapers, and magazines.

Fellows of the American Mathematical Societywww.ams.org/ams-fellows

Recognizes members who have made outstanding contributions to the creation, exposition, advancement, and utilization of mathematics.

Award for Distinguished Public Service

www.ams.org/public-service-award

For a research mathematician who has made a distinguished contribution to the mathematics profession.

Award for an Exemplary Program or Achievement in a Mathematics Department

www.ams.org/department-award

For a department which has distinguished itself by undertaking an unusual or particularly effective program of value to the mathematics community.

Award for Impact on the Teaching and Learning of Mathematics

www.ams.org/impact

For mathematicians who have made significant contributions of lasting value to mathematics education.

Karl Menger Memorial Awards

www.ams.org/menger-award

For mathematically oriented projects presented at the International Science and Engineering Fair.

Mathematics Programs that Make a Difference Award

www.ams.org/make-a-diff-award

Aims to bring more persons from underrepresented backgrounds into some portion of the pipeline beginning at the undergraduate level and leading to advanced degrees in mathematics and professional success, or retain them once in the pipeline.

Undergraduate Opportunity Awards

www.ams.org/trjitzinsky-award

Provides assistance to students who have declared a major in mathematics at a college or university that is an institutional AMS member.

Young Scholars Program

www.ams.org/epsilon-award

Supports existing summer programs for mathematically talented high school students.

Joint Prizes and Awards

AMS–SIAM George David Birkhoff Prize in Applied Mathematics

www.ams.org/birkhoff-prize

Given jointly with the Society for Industrial and Applied Mathematics for an outstanding contribution to applied mathematics in the highest and broadest sense.

Delbert Ray Fulkerson Prize

www.ams.org/fulkerson-prize

Given jointly with the Mathematical Optimization Society for outstanding papers in the area of discrete mathematics.

AMS–EMS Mikhail Gordin Prize

www.ams.org/gordin-prize

Awarded to a mathematician working in probability or dynamical systems, with preference given to early career mathematicians from or professionally connected to an Eastern European country.

JPBM Communications Award

www.ams.org/jpbm-comm-award

Given jointly with the Mathematical Association of America, the Society for Industrial and Applied Mathematics, and the American Statistical Association to reward and encourage communicators who, on a sustained basis, bring mathematical ideas and information to non-mathematical audiences.

Mathematical Art Exhibition Award

www.ams.org/art-exhibit-prize

Given jointly with the Mathematical Association of America for aesthetically pleasing works that combine mathematics and art.

Frank and Brennie Morgan Prize for Outstanding Research in Mathematics by an Undergraduate Student

www.ams.org/morgan-prize

Given jointly with the Mathematical Association of America and the Society for Industrial and Applied Mathematics for outstanding research in mathematics.

Norbert Wiener Prize in Applied Mathematics

www.ams.org/wiener-prize

Given jointly with the Society for Industrial and Applied Mathematics for an outstanding contribution to applied mathematics in the highest and broadest sense.

Other Prizes and Awards

Beal Prize

www.ams.org/beal-prize

This Prize, funded by D. Andrew Beal, is awarded for either a proof or a counterexample of the Beal Conjecture which is published in a refereed and respected mathematics journal.

Maryam Mirzakhani Prize in Mathematics

www.ams.org/nas-award

Formerly The National Academy of Sciences Award in Mathematics, this Prize is awarded biennially for exceptional contributions to the mathematical sciences by a mid-career mathematician.

Award for Outstanding Pi Mu Epsilon Student Paper Presentation

www.ams.org/pme-award

Made by the National Honorary Mathematics Society.

These prizes and awards have been discontinued:

Stefan Bergman Prize

www.ams.org/bergman-prize

Awarded by the Bergman Trust in honor of his research in several complex variables, as well as the Bergman projection and the Bergman kernel function. This Prize has been discontinued. In 2023 the AMS allocated the Stefan Bergman Endowment to establish the Stefan Bergman Fellowship as the Society's first fellowship specifically for early-career mathematicians.

Leonard M. and Eleanor B. Blumenthal Award for the Advancement of Research in Pure Mathematics

www.ams.org/blumenthal-award

Presented to the individual deemed to have made the most substantial contribution in research in the field of pure mathematics, and who was deemed to have the potential for future production of distinguished research in such field.

Fredkin Foundation Prizes in Automatic Theorem Proving

www.ams.org/atp-prizes

The Fredkin Foundation asked the AMS to take over administration of these Prizes in the mid-1980s.

Public Policy Award

www.ams.org/profession/prizes-awards/ams-awards/public-policy-award

Established in 2007 by the AMS to recognize a public figure for sustained and exceptional contributions to public policies that foster support for research, education, and innovation.

Citation for Public Service

www.ams.org/public-service-citation

Created to provide encouragement and recognition for contributions to public service activities in support of mathematics.

American Mathematical Society

Policy on a Welcoming Environment

(as adopted by the January 2015 AMS Council and modified by the January 2019 AMS Council)

The AMS strives to ensure that participants in its activities enjoy a welcoming environment. In all its activities, the AMS seeks to foster an atmosphere that encourages the free expression and exchange of ideas. The AMS supports equality of opportunity and treatment for all participants, regardless of gender, gender identity or expression, race, color, national or ethnic origin, religion or religious belief, age, marital status, sexual orientation, disabilities, veteran status, or immigration status.

Harassment is a form of misconduct that undermines the integrity of AMS activities and mission.

The AMS will make every effort to maintain an environment that is free of harassment, even though it does not control the behavior of third parties. A commitment to a welcoming environment is

expected of all attendees at AMS activities, including mathematicians, students, guests, staff, contractors and exhibitors, and participants in scientific sessions and social events. To this end, the AMS will include a statement concerning its expectations towards maintaining a welcoming environment in registration materials for all its meetings, and has put in place a mechanism for reporting violations. Violations may be reported confidentially and anonymously to 855.282.5703 or at www.mathsociety.ethicspoint.com. The reporting mechanism ensures the respect of privacy while alerting the AMS to the situation.

For AMS policy statements concerning discrimination and harassment, see the **AMS Anti-Harassment Policy**.

Questions about this welcoming environment policy should be directed to the **AMS Secretary**.

