



2024 Contributors



Dear Friends of the Mathematical Sciences:

It's been just over a year since I was named CEO of the American Mathematical Society, and I have been amazed and humbled by the dedication and generosity of this community. You all are remarkable! Early in my career I directly benefited from the programs and support of

the AMS, made possible by the efforts and generosity of AMS members, and I could not have imagined that I would have the opportunity to lead this society. All of us at the AMS are deeply thankful for the many ways you have supported the mission of the AMS over the past year.

With your support, the AMS continued to expand its travel grants program to ensure that mathematicians from around the world and various career stages could experience the Joint Mathematics Meetings (JMM) and other important convenings. The busy AMS conference schedule included sectional meetings, international gatherings, and summer research communities; the JMM in Seattle alone attracted over 5,400 participants. Thanks to the generosity of the Simons Foundation, the National Science Foundation, and many individual donors, the travel grant opportunities promoted collaboration and mentorship, fostered career development, and catalyzed new research for mathematicians across ages and subjects.

Also, I'm pleased to share that the mathematical community will benefit for many years from several recent donor bequests. These donors are honored in the Thomas S. Fiske Society, which celebrates the legacy of support for the AMS and mathematicians around the world created by including the AMS in estate plans. These gifts are often unrestricted, giving the AMS the flexibility to decide where

funds are most needed, and they can also be directed to a particular strategic priority. Thanks to a wonderfully generous bequest, the AMS dramatically expanded the Publication Support Fund, which helps underwrite the production and distribution of AMS publications. Last year two additional named endowed funds were established to support AMS publications—the Fred and Maggie Dennis Fund for the Cornell University Mathematics Library and the Sigurður Helgason Fund for Publication Support. Our thanks to the growing circle of donors and families who have chosen to honor mathematics and mathematicians in this way.

Donors also increased the number of AMS fellowships and scholarships for faculty and students, enhanced communication and collaboration through Mathematical Reviews (MathSciNet)—the growing database of mathematical literature dating back to the early 1800s—and expanded membership opportunities around the world. Thousands of volunteers have advocated on behalf of the mathematical sciences on Capitol Hill, served as peer reviewers, or served on AMS committees.

For all who have contributed to the mathematical sciences in these and other invaluable ways, I thank you. I am grateful to support mathematics and our community alongside you.

Warm regards,

John Meier PhD, Chief Executive Officer

Named Endowed Funds

The American Mathematical Society offers donors the opportunity to establish named endowed funds at the AMS. These endowed funds support research and the mathematical community for future generations while commemorating a family member, colleague, or mentor. In 2024, three new endowed funds were established.

Georgia Benkart Legacy Fund for the Next Generation. This permanent endowment will join the Next Generation Fund in support of programs for early career mathematicians.

The Fred and Maggie Dennis Fund for the Cornell University Mathematics Library. In honor of their parents, Professor R. Keith Dennis, his sister Barbara, and her husband Harry E. Kolkhorst established this fund to support the Cornell University Mathematics Library's purchase of AMS e-books.

The Sigurður Helgason Fund for Publication Support. Established in memory of Sigurður Helgason by his family, the Fund resides within the AMS Publication Support Fund, which supports book and journal publishing at the AMS.



Named Endowed Funds of the AMS

The Catherine A. Roberts Fund for the Next Generation [2023]

The David and Helen Leighton Fund for Young Scholars Programs [2023]

The Robert L. Griess, Jr. and Min Zhong Fund [2023]

Satyendra Nath Bose, Mahadev Datta, Salilesh

Mukhopadhyay and Pranab K. Sarkar Fund [2021]

Steve Sigur Fund for Young Scholars Programs [2021]

Terry A. McKee Fund for Undergraduate Research in Mathematics [2021]

John H. Ewing Fund for the Next Generation [2021]

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Tom Leighton and Bonnie Berger Fund for the Next Generation [2020]

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Stephen H. Wildstrom Fund for the Next Generation [2018]

Mark Green and Kathryn Kert Green Fund for Inclusion and Diversity [2016]

Josephine M. Mitchell and Lowell I. Schoenfeld Fund [2003]

Joseph Fels Ritt Memorial Fund [2001]

Radha G. Laha Fund [1999]

Kiiti Morita Fund [1998]

Robert Henderson Fund [1940]

Eliakim Hastings Moore Fund [1922]

Create Your Legacy: The Thomas S. Fiske Society

The Thomas S. Fiske Society honors individuals who have included a gift to the American Mathematical Society in their will, living trust, life insurance policy, retirement plan, or other bequest. The AMS is deeply grateful to the following people for helping to advance mathematics for generations to come. **Fiske Society members inducted in 2024 are indicated in bold.** *Asterisk indicates deceased.*

Anonymous (12)
 Rachel Blodgett Adams*
 Alfred Aeppli*
 Douglas Allen
 Walter Augenstein*
Lee and Bill Ballard*
 Richard A. Baum and Melanie L. Lansing*
 Kathleen Baxter*
 Barbara Beechler*
 Gerald* and Shirley Bergum
 Israel Bernstein*
 Utpal Kumar Bhattacharya
 Ernest William Brown*
 Robert L. Bryant and Reymundo A. Garcia
 Ralph L. Cohen and Susan Million
 Richard M. Cohn*
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 Ramesh A. Gangolli
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 Ronald L. Graham*
 Rosalind J. Guaraldo*
 James F. and Bettie C. Hannan*
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 Jeanne LaDuke
 Radha G. Laha*
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 Yanguang Charles Li

FISKE SOCIETY MEMBER SPOTLIGHT

Rosalind “Roz” J. Guaraldo, PhD, of East Elmhurst, New York, was a member of the American Mathematical Society for 48 years. As part of her legacy, Dr. Guaraldo left a gift in her will to the AMS Centennial Fellowship Fund, which makes an award to an outstanding mathematician to help further their career in research. The US\$75,000 fellowship can be used toward course release, research-related travel, and research-related expenses, and has supported more than 110 awardees since 1974.



The 2024–2025 Centennial Research Fellowship was awarded to Francesc Castella, an associate professor of mathematics at University of California, Santa Barbara, for his research in number theory and arithmetic geometry, specifically p -adic L -functions, Euler systems, and Iwasawa theory.

Douglas Lind
 Zhaorong Liu
 Joseph S. Mamelak
 Ralph and Hilda Mansfield*
 Terry A. and Shirley McKee
 Timothy E. McMahon
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 Fredric Menger
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 James G. Renno, Jr.*
 Joseph Fels Ritt*
 Catherine A. Roberts
 Moshe Rosenfeld
 T. Benny Rushing*
 Theda and William Salkind*
 Arthur Sard*
 Paul T. and Barbara Schaefer*
 Henry Schaerf*
 Josephine M. Mitchell and Lowell I. Schoenfeld*
 Richard Schori

Steven H. and Joanna Wood Schot*
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 Leroy P. Steele*
 David M. Sward
 B. A. and M. Lynn Taylor
 Eugene and Kathryn B. Toll*
 Edmond and Nancy Tomastik
 Waldemar J. and Barbara Trjitzinsky*
 Steven H. Weintraub
 Sally Whiteman*
 James V. Whittaker*
 James K. Whittemore*
 Susan Schwartz Wildstrom
 Jay Henry Wolkowisky

In Tribute

In 2024, the following gifts were made commemorating friends, colleagues, and family members. The AMS is honored to be the steward of this generosity.

Gifts Made in Honor of the Following Individuals

All mathematicians in the world *by Yang Kon Kim*
 George E. Andrews *by Harold M Frost III*
 Utpal Kumar Bhattacharya *by Utpal Kumar Bhattacharya*
 Joan Birman *by Beverly H. West*
 Etta Falconer *by Sharon Cutler Ross*
 Richard Gantos *by Paul D. and Bonnie Humke*
 Hilda Geiringer von Mises *by Stephen & Margaret Gill*
Family Foundation
 Gloria Gilmer *by Sylvia T. Bozeman*
 John Hsia *by Hsia Family*
 Lynette Hsia *by Christine Hsia*
 International Mathematical Union *by Shumo Chu*
 Ki-Hang Kim *by Yang Kon Kim*
 Jane and Jim Kister *by Arthur G. Wasserman*
 Vincent O. McBrien *by Joseph W. Paciorek*
 Chip (Frank) Morgan *by Steven Joel Miller*
 Chip (Charles) Neville *by Janette Maxey*
 Mary Beth Ruskai *by Harriet S. Pollatsek*
 Bryna Kra and Joseph Silverman *by Lucy Maddock*
 Justin Solomon *by Matthew Lootens*
 Young Jin Suh *by Young Jin Suh*

Gifts Made in Memory of the Following Individuals

Stephanie Alexander *by Robert J. Currier*
 Salah Baouendi *by Linda Preiss Rothschild*
 John H. Conway *by Jeffrey C. Lagarias*
 Martin P. Dana *by Jacqueline L. Dana*
 Martin Davis *by Alexandra Shlapentokh*
 R. Keith Dennis *by Rita Carlile, Maria Kenny, Kelly Patwell,*
Gabrielle Summers, Aryaman Thareja, and Colleen Wade
 Todd Drumm *by William Mark Goldman*
 Samuel Eilenberg *by Albert Feuer*
 Audrey Cole Hand *by Carolyn Cole*
 Lenor Hart *by Ellen H. Heiser*
 Sigurður Helgason *by Eric Todd Quinto and Judith Anne*
Larsen
 Herbert Kamowitz *by Elaine Kamowitz*
 Vadim Komkov *by Price Kagey*
 Gail Letzter *by Karen Saxe and Peter Webb*
 Stephen Maurer *by Gregg McCarty*
 Chip (Charles) Neville *by Debra Abraham, Francesco*
Barbacci, and Robert and Nancy Malley
 Nancy C. Ogden *by John P. Ogden*
 Elias M. Stein *by Galia D. Dafni*
 C. Robert Warner *by David Colella*

Trusts and Bequests

Since the Society's first bequest in 1929, estate gifts have enabled the AMS to serve the mathematics community in distinct ways. The Steele Prizes, Trjitzinsky Awards, and more were all made possible by mathematics supporters who, like the Society's founder, Thomas S. Fiske, have had a far-reaching commitment to mathematics. In 2024, the AMS received bequests from the following estates:

Estate of Lee Ballard, in memory of William Ralph Ballard

Estate of Richard A. Baum and Melanie L. Lansing

Estate of John J. Fitzpatrick, in support of the AMS Publication Support Fund

Estate of Rosalind J. Guaraldo, in support of the AMS Centennial Fellowship Fund

Estate of Walter J. Michaelis, for the Walter J. Michaelis Graduate Opportunity Awards

AMS Donors

The people and organizations listed below made gifts to the AMS between January 1–December 31, 2024. The AMS thanks every donor on behalf of the beneficiaries for their generosity. Every gift helps advance mathematics.

PARTNERS

(\$10,000 and above)

Anonymous (3)

Adrian D. Banner

Paula Benkart

Jacqueline L. Dana

Keith Dennis

Estate of John J. Fitzpatrick

Estate of Rosalind J. Guaraldo

Estate of Walter J. Michaelis

Carl Richard Gilmore

Sigurður and Artie Helgason

Harry Kolkhorst and Barbara Dennis
Kolkhorst

Terry A. and Shirley McKee

Eve L. Menger and the Menger
Women

Rosemary J. Menger Gilmore

M. Susan Montgomery

Paul S. and Linda Muhly

John P. Ogden

Edmond and Nancy Tomastik

STEWARDS

(\$5,000 to \$9,999)

Estate of Richard Baum and Melanie
Lansing

Michael Forster and Susan Cole

Stephen & Margaret Gill Family
Foundation

Jeffrey C. Lagarias

Lucy Maddock

DID YOU KNOW?

For those age 70½ and older, a Qualified Charitable Distribution allows you to donate from your IRA to charity tax-free, and it can also satisfy your Required Minimum Distribution for the year. If you have questions about giving from a retirement account, please contact your financial advisor or Sophia Mackenzie, AMS Director of Major Gifts and Planned Giving, at srm@ams.org or 401.455.4119.

Mary P. Dolciani Halloran

Foundation

Fredric M. Menger

Thomas R. Savage

Susan Schwartz Wildstrom

BENEFACTORS

(\$2,500 to \$4,999)

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Alfred Berol

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Audrey Cole Hand

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Lance W. and Lynne Barnes Small

George V. Woodrow III

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(\$1,000 to \$2,499)

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Roger Chalkley

Narendra Chaparala

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Michael R. Douglas

Douglas J. Dunham

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Robert D. Edwards

Estate of Lee Ballard

Francis Bonahon and Erica Flapan

William Mark Goldman

Elizabeth Grossman and Joshua

Boorstein

Robert Andrew Grossman

Alfred W. Hales

AMS PUBLICATION SUPPORT FUND



John J. Fitzpatrick (1961–2022) of Lancaster, PA, a lifelong enthusiast of math, language, religion, and chess, left a generous gift to the AMS Publication Support Fund after he passed in 2022. Fitzpatrick graduated from J.P. McCaskey High School and Duke University with a bachelor's degree. After college, he moved to New York City and worked at The Metropolitan Museum of Art and Barnes &

Noble until his return to Lancaster. He was an avid reader of mathematics texts as well as countless other fields of study, and we thank him for his support of the AMS publishing program.

James R. Munkres
M. Frank Norman
Kasso A. Okoudjou
Barbara Snyder Rice
Karen Saxe and Peter Webb
Keith Paul Smith
David R. Stone
Irena Swanson
Jennifer Taback and Thomas Pietraho
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Allan M. Kirch
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HIGHLIGHT ON THE I. MARTIN ISAACS PRIZE



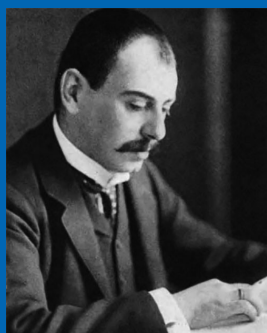
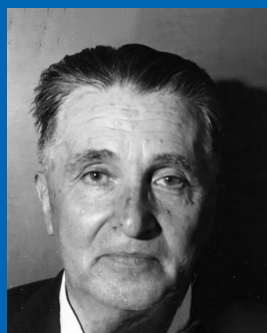
The I. Martin Isaacs Prize is awarded for excellence in writing of a research article published in a primary journal of the AMS in the past two years. The prize focuses on the attributes of excellent writing, including clarity, grace, and accessibility. Ben Green, Waynflete Professor of Pure Mathematics, University of Oxford, received the inaugural I. Martin Isaacs Prize for Excellence in Mathematical Writing for his article "On Sárközy's theorem for shifted primes," published in *Journal of the American Mathematical Society* in 2024.

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 Hans P. Engler
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UNDERGRADUATE OPPORTUNITY AWARDS: SUPPORTING UNDERGRADUATES

The AMS Undergraduate Opportunity Awards are one-time grants awarded to undergraduate mathematics majors to help ensure that financial hardship does not stand in the way of completing their degree program. Over 200 promising math students have received Waldemar J. Trjitzinsky Memorial Awards (established in 1991 by the Trjitzinsky family) and Edmund Landau Awards (established by an anonymous donor in 2020). In 2024, 28 Trjitzinsky Awards and two Landau Awards were given.



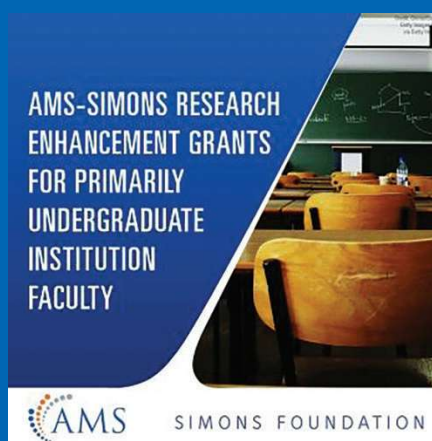
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PUI FACULTY GRANTS



The American Mathematical Society offers several programs to foster and support research collaboration by mathematicians employed full-time at primarily undergraduate institutions (PUIs), i.e., colleges and universities that do not award doctoral degrees in mathematics. PUI faculty members often seek to find a productive balance between the demands of teaching, advising, and service to their institutions, and making important contributions to the research

literature. These grants enable faculty members to travel to other institutions for research projects or attend the Joint Mathematics Meetings and other important convenings. With generous funding from the Simons Foundation, the AMS, Eve, Kirsten, Lenore, and Ada of the Menger family, and an anonymous donor, nearly 80 awards are made each year.

"This experience was invaluable to me and would not have been possible without this generous support. This opportunity affords the chance for faculty at institutions like mine to pursue research and external funding opportunities that would be less likely to be funded without the network connections established here to improve the proposals. Finally, the connections made will also directly benefit my students when they graduate, whether they wish to pursue graduate studies or seek a job in government or industry. I am incredibly grateful for this support, thank you!"

Mark Hunnell
 Winston-Salem State University

Jun-Ichi Tanaka
 Daniel Joseph Tancredi
 James J. Tattersall
 Simon Tavaré
 B. A. and M. Lynn Taylor
 Laurence R. Taylor
 Michael D. Taylor
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THE EPSILON FUND FOR YOUNG SCHOLARS



In 1999, the American Mathematical Society established the Epsilon Fund endowment to help support summer mathematics programs for mathematically talented high school students. The name for the fund was chosen in remembrance of the late Paul Erdős, who was fond of calling children “epsilons.” The goal of the fund is to aid and promote programs that support and nurture mathematically talented youth in the United States.

Beverly H. West
Ellen Westheimer
Robert Lee Wilson
Bettina Wiskott
Thomas R. Wolf
Hung-Hsi Wu
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