



Council Minutes

Virtual Meeting
04 January 2022
1:30 p.m. PST

Prepared February 22, 2022



Council Minutes

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1:30 p.m. PST

The Council of the Society met virtually from 1:30-7:50 p.m. (PST) on Tuesday, January 4, 2022. These are the minutes of the meeting. Although several items were discussed in Executive Session, all actions taken are reported in these minutes. The Executive Session began at approximately 4:40 p.m. and ended at 5:05 p.m. Council adjourned at 7:50 p.m.

Prepared February 22, 2022

Conflict of Interest Policy for Officers and Committee Members

(as approved by the January 2007 Council)

A conflict of interest may exist when the personal interest (financial or other) or concerns of any committee member, or the member's immediate family, or any group or organization to which the member has an allegiance or duty, may be seen as competing or conflicting with the interests or concerns of the AMS.

When any such potential conflict of interest is relevant to a matter requiring participation by the member in any action by the AMS or the committee to which the member belongs, the interested party shall call it to the attention of the chair of the committee and such person shall not vote on the matter. Moreover, the person having a conflict shall retire from the room in which the committee is meeting (or from email or conference call) and shall not participate in the deliberation or decision regarding the matter under consideration.

The foregoing requirements shall not be construed as preventing the member from briefly stating his/her position in the matter, nor from answering pertinent questions of other members.

When there is a doubt as to whether a conflict of interest exists, and/or whether a member should refrain from voting, the matter shall be resolved by a vote of the committee, excluding the person concerning whose situation the doubt has arisen.

Minutes of the meeting of the committee shall reflect when the conflict of interest was disclosed and when the interested person did not vote.

Equity Diversity and Inclusion Statement
(as adapted by the April 2019 Council)

The American Mathematical Society is committed to promoting and facilitating equity, diversity and inclusion throughout the mathematical sciences. For its own long-term prosperity as well as that of the public at large, our discipline must connect with and appropriately incorporate all sectors of society. We reaffirm the pledge in the AMS Mission Statement to "advance the status of the profession of mathematics, encouraging and facilitating full participation of all individuals," and urge all members to conduct their professional activities with this goal in mind.

AMS Policy on a Welcoming Environment
*(as approved by the January 2015 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: <http://www.ams.org/about-us/governance/policy-statements/anti-harassment-policy>.

Society Governance

The American Mathematical Society has a bicameral governance structure consisting of the Council (created when the Society's constitution was ratified in December 1889) and the Board of Trustees (created when the Society was incorporated in May 1923). These bodies have the ultimate responsibility and authority for representing the AMS membership and the broader mathematical community, determining how the AMS can best serve their collective needs, and formulating and approving policies to address these needs. The governing bodies determine what the Society does and the general framework for how it utilizes its volunteer, staff, and financial resources.

The Governance Leadership consists of the Officers (President, President Elect or Immediate Past President, three Vice Presidents, Secretary, four Associate Secretaries, Treasurer, and Associate Treasurer), the Council, Executive Committee of the Council, and Board of Trustees.

The Council formulates and administers the scientific policies of the Society and acts in an advisory capacity to the Board of Trustees. Council Meetings are held twice a year (January and the spring).

The Board of Trustees receives and administers the funds of the Society, has full legal control of its investments and properties, and conducts all business affairs of the Society. The Trustees meet jointly with the Executive Committee of the Council twice a year (May and November) at ECBT Meetings.

The Council and Board of Trustees are advised by nearly 100 committees, including six Policy Committees (Education, Equity, Diversity, and Inclusion, Meetings and Conferences, Profession, Publications, and Science Policy) and over 20 Editorial Committees for the various Journals and Books it publishes.

The Council and Board of Trustees are also advised by the Executive Director and the Executive Staff, who are responsible for seeing that governance decisions are implemented by the Society's approximately 200 staff members.

AMS Council Members February 1, 2021–January 31, 2022

Please note, everyone listed below has voting privileges at the January 4, 2022 Council meeting.

Officers

President	Ruth Charney	Brandeis University	31 Jan 2023	
Immediate Past President	Jill C. Pipher	Brown University	31 Jan 2022	
Vice Presidents	Hee Oh	Yale University	31 Jan 2024	
	Francis Su	Harvey Mudd College	31 Jan 2023	
	Abigail Thompson	UC-Davis	31 Jan 2022	
	Boris Hasselblatt	Tufts University	31 Jan 2023	
Secretary	Carla D. Savage	North Carolina State University	31 Jan 2023	
Past Secretary	Georgia Benkart	University of Wisconsin	31 Jan 2022	
Associate Secretaries	Brian D. Boe	University of Georgia	31 Jan 2023	
	Michel Lapidus	UC-Riverside	31 Jan 2022	
	Steven H. Weintaub	Lehigh University	31 Jan 2023	
	Treasurer	Douglas L. Ulmer	University of Arizona	31 Jan 2023
	Associate Treasurer	Zbigniew Nitecki	Tufts University	31 Jan 2022

Chief Editors

Bulletin of the AMS	Susan J. Friedlander	USC	31 Jan 2024
Colloquium	Mark Kisin	Harvard University	31 Jan 2025
Journal of the AMS	Pavel Etingof	MIT	31 Jan 2025
Mathematical Reviews	Danny C. Calegari	University of Chicago	31 Jan 2024
Math Surveys & Monographs	Robert M. Guralnick	USC	31 Jan 2022
Mathematics of Computation	Susanne C. Brenner	Louisiana State University	31 Jan 2024
Proceedings of the AMS	Matthew A. Papanikolas	Texas A & M University	31 Jan 2022
Transactions and Memoirs	Dan Abramovich	Brown University	31 Jan 2025

Members at Large

Alina Carmen Cojocaru	University of Illinois at Chicago	31 Jan 2024
Duane Cooper	Morehouse College	31 Jan 2024
Daniel S. Freed	University of Texas at Austin	31 Jan 2022
Stephan Ramon Garcia	Pomona College	31 Jan 2023
Sarah J. Greenwald	Appalachian State University	31 Jan 2024
Kiran S. Kedlaya	UC, San Diego	31 Jan 2024
Susan Loepf	Williams College	31 Jan 2022
Kasso A. Okoudjou	Tufts University	31 Jan 2022
Rosa C. Orellana	Dartmouth College	31 Jan 2023
Maria Cristina Pereyra	University of New Mexico	31 Jan 2022
Anne Joyce Shiu	Texas A&M University	31 Jan 2024
Maggy Tomova	University of Iowa	31 Jan 2023
Dylan P. Thurston	Indiana University	31 Jan 2023
Bianca Viray	University of Washington	31 Jan 2023
Melanie Matchett Wood	Harvard University	31 Jan 2022

AMS Council Members
February 1, 2021–January 31, 2022

Please note, everyone listed below has voting privileges at the January 4, 2022 Council meeting.

Executive Committee

Ruth Charney	Brandeis University	<i>ex officio</i> , 31 Jan 2024
Henry L. Cohn	Microsoft Research New England	28 Feb 2022
Boris Hasselblatt	Tufts University	<i>ex officio</i> , 31 Jan 2023
Kasso A. Okoudjou	Tufts University	28 Feb 2024
Jill C. Pipher	Brown University	<i>ex officio</i> , 31 Jan 2022
Gigliola Staffilani	Massachusetts Institute of Technology	28 Feb 2023
Francis Su	Harvey Mudd College	28 Feb 2025

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1 Call to Order

1.1 Opening of the Meeting and Introductions

The meeting was called to order at 1:30 p.m. PST. President Ruth Charney presided throughout. Council members, in addition to Charney, who were present for at least part of the meeting were Dan Abramovich, Georgia Benkart, Brian D. Boe, Susanne C. Brenner, Henry L. Cohn, Alina Carmen Cojocaru, Duane Cooper, Pavel Etingof, Daniel S. Freed, Susan J. Friedlander, Stephan Ramon Garcia, Sarah J. Greenwald, Robert M. Guralnick, Boris Hasselblatt, Kiran S. Kedlaya, Michel Lapidus, Susan Loepf, Kasso A. Okoudjou, Zbigniew Nitecki, Hee Oh, Rosa C. Orellana, Matthew A. Papanikolas, Maria Cristina Pereyra, Jill C. Pipher, Carla D. Savage, Anne Joyce Shiu, Gigliola Staffilani, Francis Su, Abigail Thompson, Dylan P. Thurston, Maggy Tomova, Douglas L. Ulmer, Bianca Viray, Steven Weintraub, and Melanie Matchett Wood.

Newly elected Council members in attendance were Gunnar Carlsson, William Goldman, Gail Letzter, Lily S. Khadjavi, and Bryna Kra.

Among the guests present for at least part of the meeting were Douglas Allen (Director of Development), Thomas H. Barr (Director of Programs), Tom Blythe (Chief Information Officer), Steven Bradlow (Chair, Committee on Publications), Ron Buckmire (Chair, Committee on Equity, Diversity, and Inclusion), Laura Byrum (Office of the AMS Secretary), Edward Dunne (Executive Director, Mathematical Reviews), Steven Ferrucci (Office of the AMS Secretary), Erica Flapan (Chief Editor, *Notices*), David Futer (Incoming Managing Editor, *Proceedings of the AMS*), Robert Harington (Associate Executive Director for Publications), Patricia Hersh (Chair, Nominating Committee), Tyler Kloefkorn (Associate Director, Government Relations), Deborah Frank Lockhart (Chair, Committee on Science Policy), Torina Lewis (Associate Executive Director for Meetings and Professional Services), Javad Mashreghi (President, Canadian Mathematical Society), Julie Mitchell (Chair, Committee on the Profession), Catherine Roberts (Executive Director), Karen Saxe (Associate Executive Director for Government Relations), Joseph Silverman (Trustee), Katherine F. Stevenson (Chair, Committee on Education), Megan Turcotte (Director of Membership), Scott Turner (Director of Communications), Judy Walker (Chair of the Board of Trustees), and Jared Wunsch (Chair, Prize Oversight Committee).

1.2 AMS Policies and Guidelines

All AMS Policies and Guidelines are available at <https://www.ams.org/about-us/governance/policy-statements/sec-ams-policystatements>.

1.2.1 Conflict of Interest Policy

Identifying and managing the appearance of conflicts of interest

The AMS is best served by its governance bodies if we avoid all possible appearance of conflicts of interest in our deliberations and decisions. Any steps to this end should ideally be undertaken well in advance of a meeting. Those reading an agenda in preparation for a meeting should consider whether their own or anyone else's participation in any part of the meeting could be perceived by a reasonable observer as creating a possible conflict of interest. The Secretary and Executive Director stand ready to consult on pertinent questions. The meeting itself is not the best venue for deciding such questions in a reasoned way.

In the unfortunate event that the question of possible appearances of a conflict of interest is only raised during a meeting, the Secretary and Executive Director recommend that the meeting

participant or guest involved immediately recuse from the pertinent discussion or the remainder of the meeting, unless a secret ballot of voting members is unanimous that no reasonable observer could perceive any possible conflict of interest.

A few examples of fairly clear conflicts of interest.

- If you serve a sister society with a publishing program in a fiduciary capacity, then you should resign from (or not agree in the first place to serve on) any AMS governance body privy to information or discussion about the AMS publishing division that is not public.
- If you are a compensated volunteer, then you should recuse from any conversations pertinent to volunteer compensation, such as might take place, for instance, on the Board of Trustees.
- If you are involved in any AMS-funded program, then you should recuse from any discussion about budgets that include or possibly impinge on that program.

The *Conflict of Interest Policy for Officers and Committee Members* was included as front-matter in the agenda on page v. Council members were asked to alert the President and the Secretary to any agenda items with which they had a conflict of interest, preferably well in advance of the meeting. No conflicts were reported.

1.2.2 Equity Diversity and Inclusion Statement

The *Equity Diversity and Inclusion Statement* was included as front-matter in the agenda (page vii).

1.2.3 AMS Policy on a Welcoming Environment

The *AMS Policy on a Welcoming Environment* was included as front-matter in the agenda (page ix).

1.3 2021 AMS Elections

The Society conducted its annual elections in the fall of 2021. Except for the new members of the Nominating Committee, those elected took office on February 1, 2022. The newly elected members of the Council, the Editorial Boards Committee, the Nominating Committee, and the Board of Trustees are listed under Item 4.1.

1.4 List of Council Members

A list of current Council Members was included as front-matter in the agenda (pages xiii-xiv). A list of Council members effective February 1, 2022 can be found in Attachment A.

At the recommendation of the Secretary, newly elected Council members present were granted privileges of the floor (but without voting privileges).

1.5 Retiring Members

The following terms will end on January 31, 2022: Jill C. Pipher as Immediate Past President; Abigail Thompson as Vice President; Georgia Benkart as Associate Secretary of the Central Section; Michel Lapidus as Associate Secretary of the Western Section; Zbigniew Nitecki as Associate Treasurer; Dan Freed, Susan Loepf, Kasso A. Okoudjou¹, Maria Cristina Pereyra, and Melanie Matchett Wood as Council Members at Large; Robert Guralnick as Chair of Mathematical Surveys and Monographs Editorial Committee; and Matthew A. Papanikolas as Chair of Proceedings

¹ Okoudjou will remain on the Council as a member of the Executive Committee.

Editorial Committee. Henry Cohn's term as Council Representative to the Executive Committee will also end. This will be their last Council meeting in their current positions.

The Secretary received unanimous consent to send thanks to each of them for sharing their wisdom with the Society and the Council and for their service to the mathematical community.

2 Minutes

2.1 Minutes of Business by Mail

The Council has conducted no business by mail since its April 2021 meeting.

2.2 Executive Committee and Board of Trustees Meetings

The ECBT met virtually in May and in Providence, Rhode Island in November. The minutes of the May meeting have been distributed and the minutes of the November meeting will be distributed before or shortly after the Council meeting. These are considered part of the minutes of the Council and are available at <http://www.ams.org/about-us/governance/ecbt-meetings/sec-ecbt-minutes>.

3 Consent Agenda

The following actions were approved by consent.

3.1 April 2021 Council Meeting Minutes

The minutes of the April 2021 Council were distributed by email prior to this meeting and are posted on the AMS website: <https://www.ams.org/council-minutes0421.pdf>.

Council approved the April 2021 Council meeting minutes.

3.2 Adapting a Section of the Charge of the Human Rights Committee to Current Practice
Among the "Other Activities" in the charge of the Human Rights Committee (Attachment B) is the relationship with the American Association for the Advancement of Science Human Rights Coalition. The charge describes these in terms whose specifics turn out not to reflect actual practice. The change proposed here provides the full authority to maintain current practice without prescribing a level of engagement that has not always been maintained.

Current text:

Other Activities

Two members will serve as the AMS representatives to the American Association for the Advancement of Science Human Rights Coalition of which the AMS is a full member. These representatives shall be chosen by the AMS President and will be expected to travel to the twice-yearly coalition meetings in Washington D.C. Their travel expenses will be reimbursed. The two representatives will sit on the Council of the AAAS-HRC and have full voting privileges.

Proposed text:

Other Activities

The AMS President may appoint up to two members as representatives to the American Association for the Advancement of Science Human Rights Coalition, and any travel of theirs to coalition meetings in Washington D.C. (no more than twice a year) will be reimbursed.

Council approved the change to the Charge of the Human Rights Committee.

3.3 Dissolution of von Neumann Symposium Selection Committee

The von Neumann Symposium was discontinued by the Council at the April 24, 2021 meeting. Therefore, the Secretary recommended that the Von Neumann Symposium Committee, whose charge is included as Attachment C, be dissolved and the current members discharged with thanks.

Council approved the dissolution of the von Neumann Symposium Selection Committee, and the current members were discharged with thanks.

3.4 Modifying the Name and Charge of the Short Course Subcommittee of the Program Committee for National Meetings

Given that the Program Committee for National Meetings no longer exists, having become the Invited Address Committee for National Meetings, whose charge confines it to selecting speakers for invited addresses, the Short Course Subcommittee of the Program Committee for National Meetings has become a committee in its own right.

Therefore, the Secretary recommended that Council approve the modification of the name of the *Short Course Subcommittee of the Program Committee for National Meetings* to *Short Course Committee*, and updating the charge (Attachment D) as follows. Replace “Subcommittee of the Program Committee for National Meetings” by “Committee” in both the name and under “Principal Activities”.

Council approved changing the name of the *Short Course Subcommittee of the Program Committee for National Meetings* to the *Short Course Committee*.

4 Reports of Boards and Standing Committees

4.1 Tellers' Report on the 2021 Elections [Executive Session]

The Society conducted its annual elections in the fall of 2021. Results of that election are included below. The Report of the Tellers is included in these minutes as Attachment xx.

Council accepted the Tellers' Report in Executive Session.

4.1.1 Tellers' Report on the Election of Officers

Those elected will take office on February 1, 2022. The term of the President Elect is one year, followed by two years as President and one year as Immediate Past President. The term of the newly elected Vice President is three years. The newly elected officers are:

President Elect Bryna Kra, Northwestern University
Vice President Jesús A. De Loera, University of California, Davis

4.1.2 Tellers' Report on the Election of Members at Large of Council

The newly elected Council Members at Large are listed below. Their terms of office are February 1, 2022–January 31, 2025.

Members at Large Gunnar Carlsson, Stanford University
 William Goldman, University of Maryland
 Svetlana Jitomirskaya, University of California, Irvine
 Lily S. Khadjavi, Loyola Marymount University
 Gail Letzter, National Security Agency

4.1.3 Tellers' Report on the Election to the Board of Trustees

Jennifer Taback, Bowdoin College, was elected to the Board of Trustees for the term February 1, 2022–January 31, 2027.

4.1.4 Tellers' Report on the Election to the Nominating Committee

The following were elected to the AMS Nominating Committee. Their terms of office are January 1, 2022–December 31, 2024.

Nominating Committee Alejandro Adem, University of British Columbia
 Sylvia T. Bozeman, Spelman College
 Melody Chan, Brown University

4.1.5 Tellers' Report on the Election to the Editorial Boards Committee

The following were elected to the Editorial Boards Committee. Their terms of office are February 1, 2022 - January 31, 2025.

Editorial Boards Committee Panagiota Daskalopoulos, Columbia University
 Irene Fonseca, Carnegie Mellon University

4.2 Executive Committee and Board of Trustees

4.2.1 Appointments of AMS Officers [Executive Session]

In accordance with the AMS Bylaws, the Secretary, the Associate Secretaries, the Treasurer, and the Associate Treasurer are appointed by the Council. Under a procedure established by the Council, the Executive Committee and Board of Trustees (ECBT), guided by its Nominating Committee and ad hoc search committees, recommends appointments and reappointments to the Council. The 2021 ECBT Nominating Committee consists of the third-year member of the EC (Gigliola Staffilani), the third-year member of the BT (Matthew Ando), and the 2021 chair of the Council Nominating Committee (Talithia Williams).

The following appointments and reappointments were considered in the Executive Session.

4.2.1.1. Reappointments of AMS Officers [Executive Session]

Gigliola Staffilani, Executive Committee representative to the ECBT Nominating Committee reported to the Council on the substance of the reviews and the actions of the ECBT pertaining to the reappointments of two Associate Secretaries, the Secretary, and the Treasurer. The ECBT recommended reappointing the officers below for the term February 1, 2023 - January 31, 2025:

- Associate Secretary (Eastern Section) – Steven Weintraub
- Associate Secretary (Southeastern Section) – Brian Boe
- Secretary – Boris Hasselblatt
- Treasurer – Douglas Ulmer

Council approved the reappointments of Steven Weintraub (Associate Secretary, Eastern Section), Brian Boe (Associate Secretary, Southeastern Section), Boris Hasselblatt (Secretary), and Douglas Ulmer (Treasurer) for the term February 1, 2023 - January 31, 2025.

4.2.1.2 Appointment of Associate Treasurer [Executive Session]

In August 2020 Associate Treasurer Zbigniew Nitecki indicated that his fifth term, ending on January 31, 2022, would be his final one as Associate Treasurer. Acting upon the advice of its *ad hoc* Search Committee (consisting of Joe Silverman, Maggy Tomova, and Doug Ulmer (chair)), the ECBT recommended the appointment of Linda Chen as Associate Treasurer of the AMS for the term February 1, 2022 through January 31, 2024. Council received a report from the Search Committee along with Chen's dossier.

Council approved the appointment of Linda Chen as Associate Treasurer for the term February 1, 2022 through January 31, 2024.

4.2.1.3 Appointments of Associate Secretaries [Executive Session]

In August 2020 Associate Secretary Georgia Benkart indicated that her sixth term, ending on January 31, 2022, would be her final term as Associate Secretary of the Central Section. Associate Secretary Michel Lapidus also indicated that his tenth term, ending on January 31, 2022, would be his final term as Associate Secretary of the Western Section. Acting upon the advice of its *ad hoc* Search Committee (consisting of Robert Bryant, Boris Hasselblatt (chair), Vic Reiner, Ken Ribet, and Abdul-Aziz Yakubu), the ECBT recommended the appointment of Lindsay E. Stovall as Associate Secretary of the Central Section and Michelle Manes as Associate Secretary of the Western Section for the term February 1, 2022 through January 31, 2024.

Council received the Search Committee's written report along with Stovall and Manes's dossiers.

Council appointed Lindsay E. Stovall as Associate Secretary of the Central Section and Michelle Manes as Associate Secretary of the Western Section for the term February 1, 2022 through January 31, 2024.

4.2.2 Chief Editor of the Bulletin Appointment [Executive Session]

In January 2019, the Council of the AMS reappointed Susan Friedlander as Chief Editor of the *Bulletin* for the term February 1, 2021 through January 31, 2024. In addition, a new Chief Editor of the *Bulletin* was to be selected in 2021 and this new editor-designee would be appointed as an Associate Editor for the *Bulletin* starting on February 1, 2022 and then as Chief Editor for the term February 1, 2024 through January 31, 2027. Acting upon the advice of its *ad hoc* Search Committee (consisting of Ruth Charney (President), Boris Hasselblatt (Secretary), Kiran Kedlaya (Council), Hee Oh (Council), and Catherine Roberts (Executive Director and Chair)), the ECBT recommended the appointment of Alejandro Adem as Chief Editor of the *Bulletin* for the term February 1, 2024 through January 31, 2027.

Council received the Search Committee's written report, along with Adem's dossier.

Council appointed Alejandro Adem as Chief Editor of the *Bulletin* for the term February 1, 2024 through January 31, 2027. This includes a term as Associate Editor from February 1, 2022 through January 31, 2024.

4.2.3 Dues Level for the 2023 Membership Year

AMS routinely reviews its membership dues structure in light of best practices and AMS values. A recent review of AMS membership categories suggested that some are underutilized or inconsistent with the academic salaries. Given that the cutoff (\$90,000) for the regular high membership rate is based on the academic salaries of more affluent members of the mathematical community, staff proposes a new dues rate structure for 2023 to help retain current members and attract new ones across a wider range of academic salaries.

Megan Turcotte, AMS Membership Director, presented the 2023 Proposed Dues Rate Structure to CoProf in September 2021. The committee provided feedback and was enthusiastic about the work. The streamlined structure eliminates minimally used categories, redesigns other categories, and introduces categories to make membership opportunities accessible for a broader community of mathematicians. A financial analysis (Attachment E) is provided for the 2023 Proposed Dues Rate Structure (Attachment F). This proposal was presented to the ECBT at its November 2021 meeting.

The ECBT approved and recommended to Council the following two proposals:

- 2023 Proposed Dues Rate Structure
- 2023 Individual Member Dues proposal which features an increase of \$6 (2.88%) for the 2023 regular high dues rate category and the regular high dues cutoff remaining at \$90,000. Supporting materials are included as Attachment G.

Council approved the ECBT's recommendations.

4.3 The Committee on Equity, Diversity, and Inclusion

The Committee on Equity, Diversity, and Inclusion (CoEDI) met virtually on February 25-26, 2021. The CoEDI annual report was filed in the AMS Committee Report Book by the Council at its April meeting as Report Number 210203-001.

At CoEDI's February 2021 meeting, the committee endorsed all recommendations of "Towards a Fully Inclusive Mathematics Profession", the Report of The Task Force on Understanding and Documenting the Historical Role of the AMS in Racial Discrimination. CoEDI will provide

updates to Council summarizing progress on implementation of the recommendations contained in this report each April until Council indicates this is no longer necessary.

4.4 The Committee on Science Policy

The Committee on Science Policy (CSP) met virtually on March 23-24, 2021. The CSP annual report is attached (Attachment H), and has been filed in the AMS Committee Report Book as Report Number 211119-010. Deborah Frank Lockhart, CSP Chair, provided an oral report.

4.5 The Committee on Education

The Committee on Education (CoE) met in Washington, D.C. with a virtual option on September 30 – October 2, 2021. The CoE annual report is attached (Attachment I), and has been filed in the AMS Committee Report Book as Report Number 211119-009. Katherine Stevenson, CoE Chair, provided an oral report.

In addition, CoE had the following item for Council consideration.

4.5.1 Policy Statement on Efforts to Reexamine and Revise Mathematics Education

Throughout the United States, significant work is underway to reexamine and reform mathematics education at all levels. State legislatures, state boards of education, public university systems, and individual schools, colleges, and universities are developing policies and curricula that influence what mathematics students learn and in what contexts they learn it. The AMS Committee on Education (CoE) believes it is important that the mathematical community engages productively with this work, so that the resulting curricula and policies, whether they maintain the status quo or bring in change, are in line with AMS's mission to:

- promote mathematical research, its communication and uses,
- encourage and promote the transmission of mathematical understanding and skills,
- support mathematical education at all levels,
- advance the status of the profession of mathematics, encouraging and facilitating full participation of all individuals,
- foster an awareness and appreciation of mathematics and its connections to other disciplines and everyday life.

Historically, the CoE has served as a vehicle for frank and civil discourse on mathematics education. It has done so through its convenings in Washington, DC, its panel discussions at JMM, and its proposals to Council (e.g. elevating the Impact award to an AMS award and creating the AMS Lecture on Education). At its September meeting, committee members raised concerns about combative rhetoric surrounding recent work in k-12 mathematics education. In response, the CoE is working with The Notices and AMS staff to seek ways for the mathematical community to be informed on the issues currently of national interest in mathematics education. Through this work, the CoE hopes to identify areas, if any, of consensus as well as those of disagreement. This will enable our community members to participate in this important work productively.

As a first step, CoE recommended that the Council adopt the following policy statement so as to speak in the name of the Society:

Now more than ever, students need to develop their abilities in problem-solving, numerical reasoning, abstract thinking, and logical analysis so that they can fully participate in our quantitatively sophisticated society. The AMS affirms that all students must have equitable access to high-quality programs that fully draw on and develop their mathematical capacities in contexts that engage students in the power, beauty,

and relevance of mathematics. The AMS supports open, inclusive, and civil discourse aimed at reexamining and, where needed, revising all levels of mathematics education.

This statement was discussed and a preliminary vote was held to note Council's consensus on the statement as it was in its current state. With 24 affirmative votes, the statement did not receive the 2/3 majority (of 38 Council members) that will be necessary for it to pass as a statement in the name of the Society.

The statement will be voted on for adoption as to speak in the name of the Society at the April 2022 Council meeting (per [Article IV, Section 8, of the AMS Bylaws](#)).

4.6 The Committee on Meetings and Conferences

The Committee on Meetings and Conferences (COMC) met virtually on March 6, 2021. The CoMC annual report is attached (Attachment J) and has been filed in the AMS Committee Report Book as Report Number 211118-008.. Torina Lewis, Associate Executive Director of AMS Meetings and Conferences reported on behalf of Martin Bridgeman, CoMC Chair.

In addition, CoMC had the following items for Council consideration.

4.6.1 Modifying the Structure of the JMM Program Committee

Boris Hasselblatt, AMS Secretary, presented a proposal to CoMC in its September 2021 semi-annual meeting to request that Council modify the charge (Attachment K) of the JMM Program Committee. At the time of the creation of the JMM Program Committee charge, Council was aware that there would likely be tweaks to the charge and/or the composition of the committee. In order to make our partnerships with level A partners (American Statistical Association (ASA), Association for Women in Mathematics (AWM), National Association of Mathematicians (NAM), Society for Industrial and Applied Mathematics (SIAM)) healthier, a modification of the membership composition is proposed. This modification provides more human resources to the committee and gives additional representation to our level A partners serving on the JMM Program Committee. The following change was recommended to the current committee member composition:

- Increase representation for each level A partner society from one member (current) to at most two members.

CoMC recommended that Council approve this change to the JMM Program Committee charge.

Council proposed and approved the following amendment: "Increase representation for each level A partner society from one member (current) to at most two members, as decided by that society".

Council approved the amended change to the JMM Program Committee charge.

4.6.2 AAAS-AMS Invited Address

Catherine Roberts, Executive Director, explained in the CoMC September 2021 semi-annual meeting that the American Association for the Advancement of Science (AAAS) approached the AMS about the AAAS having a joint invited address with the AMS at the JMM.

AAAS-AMS Invited Lecture Description:

The American Association for the Advancement of Science (AAAS), the largest general scientific society in the world, seeks to advance science, engineering, and innovation throughout the world for the benefit of all people. To support this mission, Section A (Mathematics) of AAAS co-

organizes the AAAS-AMS Invited Address to be delivered at the Joint Mathematics Meetings. Speakers will be mathematical scientists who embody the importance of mathematics in improving the human condition. In addition to the scientific merits of the address, this event offers a forum for raising the awareness of AAAS within the AMS membership.

CoMC recommended that Council approve the description of the AAAS-AMS Invited Address.

Council approved the description of the AAAS-AMS Invited Address.

4.6.2.1 AAAS-AMS Invited Address Lecture Selection Committee

The Secretary recommended that Council approve the creation of a selection committee for the AAAS-AMS Invited Address. The charge for this committee is included as Attachment L.

Council approved the creation of the AAAS-AMS Invited Address Selection Committee.

4.7 The Committee on Publications

The Committee on Publications (CPub) met on September 24-25, 2021 at AMS Headquarters in Providence, RI with a virtual option. The CPub annual report is attached (Attachment N), and has been filed in the AMS Committee Report Book as Report Number 211203-019. Steven Bradlow, CPub Chair, provided an oral report.

In addition, CPub had the following items for Council consideration.

4.7.1 AMS Compliance with the Committee on Publication Ethics (COPE)

The AMS is applying for membership to the international Committee on Publication Ethics (<https://publicationethics.org/about/our-organisation>) with the goal of providing enhanced guidance and support to journal editors handling infringements of publication ethics. To become a COPE member, certain criteria for transparency and best practices in publishing must be met. For Council consideration and approval, attached are six AMS publishing policies for authors, editors, and reviewers (Attachments O-T):

- Author Name Changes – allows an author to change their name in the content of the AMS digital record and the citations and references of the content after publication. (Attachment O)
- Authorial Integrity Policy – contains an overview of AMS policies and procedures related to authorial integrity. (Attachment P)
- Authorship Policy – includes order of authorship, corresponding author roles & responsibilities, and non-author contributor policies. (Attachment Q)
- Process for Filing, Investigating, Communicating Results, & Appealing Claims – outlines the process for making a formal claim for a violation of a policy. (Attachment R)
- Removal of Offensive Material Policy – Managing Editors of an AMS journal will communicate with authors regarding material that could potentially offend AMS readers. (Attachment S)
- AMS Reviewer Rights & Responsibilities – outlines the responsibilities, rights, and anonymity of AMS reviewers. (Attachment T)

Having a full articulation of these policies will lead the AMS to having a truly equitable and diverse publishing program and allow the AMS to comply with COPE guidelines.

CPub recommended to Council that the AMS adopt these six publishing policies for authors, editors, and reviewers.

Council proposed two amendments to the Authorship Policy (Attachment Q). These amendments were accepted by Steven Bradlow on behalf of CPub.

Council approved the six publishing policies.

4.7.2 Modifying the *Journal of the AMS (JAMS)* Statement of Scope

Stemming from the 2019 Report of the CPub Subcommittee Reviewing the Primary Journals (CPub Agenda 2020, Item 3.4.3), former CPub Chair Douglas Arnold (2020-21) consulted with JAMS Managing Editor Pavel Etingof regarding CPub's recommendation to modify the JAMS statement of scope. In response, the JAMS Editorial Board prepared and submitted a recommendation to CPub (Attachment U) to modify the statement of scope by replacing "...all areas of pure and applied mathematics" with just "mathematics," such that the statement will read,

"This journal is devoted to research articles of the highest quality in mathematics."

CPub recommended to Council the above change to the JAMS statement of scope.

Council approved the change to the JAMS statement of scope.

4.7.3 Increasing the Editorial Board Size of *Transactions of the AMS (TAMS)*

Concerns have been raised regarding editorial board sizes for some AMS journals, particularly *Transactions of the AMS (TAMS)*. The charge for TAMS (with proposed changes) is included as Attachment V. The workload related to TAMS is growing quickly. TAMS Managing Editor, Dan Abramovich, provided a proposal (Attachment W) to CPub for increasing the number of TAMS/MEMO editorial board members from 21 to 31 editors, reorganizing its sections, and redistributing allotted pages. This proposal is supported by the entire TAMS/MEMO editorial board. If Council approves the recommendation, the TAMS/MEMO editorial board will then begin reorganizing its sections and redistributing allotted pages.

CPub recommended to Council that the number of TAMS/MEMO editorial board members be increased from 21 to 31.

Council approved the increase in the number of TAMS/MEMO editorial board members from 21 to 31.

4.7.3.1 Updating the TAMS Charge

The Secretary recommended that Council approve the following changes to the TAMS charge (Attachment V):

Under General Description, change "The Editorial Board is to consist of the Managing Editor, five Coordinating Editors, and about 15 Editors" to "The Editorial Board is to consist of the Managing Editor, six Coordinating Editors, and about 24 Editors".

Council approved the change to the TAMS charge.

4.8 The Committee on the Profession

The Committee on the Profession (CoProf) met on September 25-26, 2021, at the AMS Headquarters in Providence, Rhode Island with a virtual option. The CoProf annual report is

attached (Attachment X), and has been filed in the AMS Committee Report Book as Report Number 211203-020. Julie Mitchell, CoProf Chair, provided an oral report.

In addition, CoProf had the following items for Council consideration.

4.8.1 Discontinue AMS Public Policy Award

The AMS Public Policy Award was established in 2007 from a recommendation of CoProf and approved by the Council. This award replaced the Joint Public Service Award of the American Astronomical Society, the American Physical Society, and AMS, which recognized public figures for their sustained and exceptional contributions to policies that foster research, education, and industrial innovation in the physical sciences and mathematics. Nancy Pelosi, now Speaker of the US House of Representatives, was the inaugural awardee in 2009, but the Society was never able to get on her calendar to present the award. (This award is not related to the AMS Award for Distinguished Public Service which is awarded every two years to a research mathematician who has made recent or sustained distinguished contributions to the mathematics profession through public service.)

The Committee on Science Policy (CSP) at its 2020 annual meeting charged a subcommittee with determining whether it is appropriate to discontinue the AMS Public Policy Award. The subcommittee presented a report during the 2021 CSP meeting to discontinue the AMS Public Policy Award. CSP members voiced the opinion that awarding a politician could be viewed as politically divisive by some members of the AMS and, years later, the political connection may look different than at the time of the award; award recipients often already receive many awards and our capital might be better spent in other ways; and we could make or support nominations for awards given by other organizations. CSP approved a motion to recommend to CoProf that AMS discontinue this award. The full memo to CoProf is included as Attachment Y.

CoProf recommended to Council that the AMS Public Policy Award be discontinued.

Council approved the discontinuation of the AMS Public Policy Award.

4.8.2 Dissolution of two AMS-MAA Committees

Carla Savage, Past Secretary, started a multi-year endeavor to curate the list of over 100 AMS committees, keeping essential committees. Michael Pearson, Executive Director, the Mathematical Association of America, and Catherine Roberts, AMS Executive Director, the American Mathematical Society (AMS), identified a couple of committees that they no longer think need to exist. At its annual meeting, the Committee on the Profession (CoProf) discussed a proposal submitted by Catherine Roberts to request that CoProf ask Council to dissolve two joint committees.

4.8.2.1 Dissolution of AMS-MAA Committee on Teaching Assistants & Part Time Instructors

The AMS-MAA Committee on Teaching Assistants & Part Time Instructors, whose charge is included as Attachment Z, was established in 1988. CoProf discussed dissolving the joint committee in its September 2021 annual meeting but there were concerns: AMS's role in running the committee, ensuring that the issues addressed by the joint committee are delineated elsewhere at the AMS before it is considered for dissolution, and issues of the responsibility of the joint committee will recede in the background at the AMS. CoProf proposed to ask the Committee on Education (CoE) to determine if it is already addressing the issues under the charge of the joint committee. If not, is CoE interested in taking on the work of the joint committee?

During the October 2021 CoE meeting, Boris Hasselblatt, AMS Secretary, informed CoE that CoProf recently discussed a proposal to dissolve the AMS-MAA Committee on Teaching Assistants & Part Time Instructors. After some discussion, a motion was put forth to create a CoE standing subcommittee on "Teaching Faculty and Teaching Assistants." The motion passed unanimously.

In a meeting held by technical means, CoProf members approved a motion to recommend that Council dissolve the AMS-MAA Committee on Teaching Assistants & Part Time Instructors given that CoE has appointed a standing subcommittee to handle the responsibilities of the joint committee.

Council approved the dissolution of the AMS-MAA Committee on Teaching Assistants & Part Time Instructors.

4.8.2.2 Dissolution of the AMS-MAA Committee on Cooperation

MAA Executive Director, and Catherine Roberts agree that MAA and AMS do not need a formal committee structure for promoting communication between the two organizations. The charge for the AMS-MAA Committee on Cooperation is included as Attachment AA. The executive directors of MAA and AMS asked CoProf to recommend to Council that AMS-MAA Committee on Cooperation be dissolved.

CoProf voted unanimously to request that Council dissolve the AMS-MAA Committee on Cooperation.

Council approved the dissolution of the AMS-MAA Committee on Cooperation.

4.8.3 Career Teaching Faculty in Research Departments

In 2020, CoProf appointed a subcommittee charged with drafting a policy statement in support of Career Teaching Faculty (CTF) – full-time faculty who work in research institutions but whose primary responsibility is teaching, and to explore how the AMS might meet those needs.

The statement, which is included as Attachment AB, was examined by CoProf in its 2021 annual meeting.

CoProf recommended that Council adopt the policy statement concerning career teaching faculty so as to speak in the name of the Society.

Council discussed this statement and proposed amendments, which were accepted by Chair Julie Mitchell on behalf of CoProf. These amendments are included in Attachment AB. A preliminary vote was held to note Council's consensus on the statement as it was in its current state. With 30 affirmative votes, the statement would reach the 2/3 majority necessary (with 38 Council members total at the time of the January 4, 2022 Council meeting).

The statement will be voted on for approval at the April 2022 Council meeting (per [Article IV, Section 8, of the AMS Bylaws](#)).

4.8.4 CoProf Review of the AMS Committee on Professional Ethics Report Changes

In April 2020, Council asked CoProf to study the AMS Policy Statement on Ethical Guidelines report submitted by the AMS Committee on Professional Ethics (AMS COPE), and a subcommittee of CoProf was appointed for that purpose. The subcommittee made specific recommendations in a report submitted to CoProf at its 2020 meeting which was approved with modifications. Council did not approve the recommended changes to the Ethical Guidelines and requested that CoProf bring a clearly stated version of the recommendations to a future Council

meeting, augmented by an additional consideration in the way degree programs are conceived in the statement.

Sol Friedberg presented an updated subcommittee report, which included an appendix documenting the history of the AMS COPE report. In the discussion, Boris Hasselblatt raised the latter consideration requested by Council. He stated that Section III. EDUCATION AND GRANTING OF DEGREES of the AMS Policy Statement on Ethical Guidelines at present implies that "degree" must always mean "doctorate."

A motion was unanimously passed for the AMS COPE subcommittee to act on behalf of CoProf in terms of sending the final revisions of Section III. EDUCATION AND GRANTING OF DEGREES of the AMS Policy Statement on Ethical Guidelines to Council without bringing it back to CoProf unless something controversial arises.

A combined report (Attachment AC) clarifying the original recommendations and a revision of Section III. EDUCATION AND GRANTING OF DEGREES of the AMS Policy Statement on Ethical Guidelines was submitted by the subcommittee acting on behalf of CoProf.

The AMS Policy Statement on Ethical Guidelines with proposed changes is included as Attachment AD.

CoProf requested that Council accept the report and approve these changes to the AMS Policy Statement on Ethical Guidelines.

Two amendments were suggested by Council and accepted by Chair Julie Mitchell on behalf of CoProf. These amendments are highlighted in Attachment AD.

Council approved the changes to the AMS Policy Statement on Ethical Guidelines.

4.9 Mathematical Reviews Editorial Committee

The Mathematical Reviews Editorial Committee (MREC) met virtually on October 19 and 22, 2021. The MREC annual report is attached (Attachment AE), and has been filed in the AMS Committee Report Book as Report Number 211205-021. Edward Dunne provided an oral report on behalf of MREC Chair Danny Calegari.

4.10 Report of the Fellows Program Selection Committee

The Fellows Program Selection Committee completed its work of selecting the AMS Fellows for the Class of 2022. The committee's annual report is attached (Attachment AF), and has been filed in the AMS Committee Report Book as Report Number 211022-005.

4.11 Report from the Joint Committee on Women in the Mathematical Sciences

The 2021 annual report of this committee is attached (Attachment AG), and has been filed in the AMS Committee Report Book as Report Number 211029-006.

4.12 Report from the Prize Oversight Committee

The 2021 annual report of this committee is attached (Attachment AH), and has been filed in the AMS Committee Report Book as Report Number 211116-007.

4.13 Report from Section A of AAAS

The 2021 annual report of this committee is attached (Attachment AI), and has been filed in the AMS Committee Report Book as Report Number 211119-011.

4.14 Report from the Fan Fund Travel Grant Committee

The 2021 annual report of this committee is attached (Attachment AJ), and has been filed in the AMS Committee Report Book as Report Number 211202-012.

4.15 Report from the Committee on Professional Ethics

The 2021 annual report of this committee is attached (Attachment AK), and has been filed in the AMS Committee Report Book as Report Number 211129-013.

4.16 Report from the AMS-ASA-MAA-SIAM Data Committee

The 2021 annual report of this committee is attached (Attachment AL), and has been filed in the AMS Committee Report Book as Report Number 211202-014.

4.17 Report from the Arnold Ross Lecture Committee

The 2021 annual report of this committee is attached (Attachment AM), and has been filed in the AMS Committee Report Book as Report Number 211202-015.

4.18 Report from the Young Scholars Award Committee

The 2021 annual report of this committee is attached (Attachment AN), and has been filed in the AMS Committee Report Book as Report Number 211202-016.

4.19 Report from the Mathematics Research Communities Advisory Board

The 2021 annual report of this committee is attached (Attachment AO), and has been filed in the AMS Committee Report Book as Report Number 211202-017.

4.20 Report from the Short Course Subcommittee

The 2021 annual report of this committee is attached (Attachment AP), and has been filed in the AMS Committee Report Book as Report Number 211202-018.

5 Old Business

5.1 AMS-ASA-MAA-SIAM Data Committee

The AMS-ASA-MAA-SIAM Data Committee (JTDATA) studies the continuing and long-range needs of the mathematical sciences community, and it makes recommendations concerning ongoing and new data collection and analysis efforts. Its charge is included as Attachment AQ. It currently contains ten voting members and three non-voting members.

In its January 2021 meeting, Council approved CoProf's recommended changes to the charge of the AMS-ASA-MAA-SIAM Data Committee to include three non-voting members with staggered three-year terms from the Association for Women in Mathematics (AWM), the Caucus for Women in Statistics (CWS), and the National Association of Mathematicians (NAM).

During the Council vote in January 2021, a motion to amend the recommendation by removing the word "non-voting" was made and seconded. After some discussion and vote, the amendment failed. There was a request to staff to ascertain whether (a) the three organizations wanted voting status and (b) whether the current voting membership supports this change. Staff have ascertained affirmative responses on both of these questions.

A motion was made and seconded that Council should amend the charge of the AMS-ASA-MAA-SIAM Data Committee to include voting status for each representative from the Association for Women in Mathematics (AWM), the Caucus for Women in Statistics (CWS), and the National Association of Mathematicians (NAM).

Council approved the amendment of the AMS-ASA-MAA-SIAM Data Committee charge.

5.2 Update on Possible AMS Prize in Game Theory

At the January 2021 Council meeting (Agenda item 4.6.10) the Development Committee shared ongoing conversations about a possible AMS prize in Game Theory. After soliciting feedback from Council, the revised prize name and description were approved at the May 2021 ECBT meeting (Agenda item 2E.1.2), contingent on CoProf and Council approval.

At the September 2021 CoProf meeting the *John F. Nash Prize in Game Theory* was recommended for Council approval (Agenda item 3.2). Subsequent to this meeting, the donor shared with the AMS his updated philanthropic plans in which this prize would be funded by his estate after his death. This updated timeline changes the protocol by which this prize would be established.

Following the precedent set by the ECBT in May 2021 in the discussion of the Krantz Prize in Complex Analysis (Agenda item 2E.1.3), proposals to establish prizes funded by future bequest intentions are not approved by CoProf and Council until a gift has been received, so that a new prize reflects the AMS policies, procedures, and priorities at that time. Given the updated donor timeline, the Development Office recommends that Council refrain from considering the John F. Nash Prize in Game Theory at this time. CoProf would then revisit the prize proposal when the donor's estate confirmed that the AMS is a beneficiary.

6 New Business

6.1 Additional Topics for Immediate or Future Consideration

Committee members were invited to introduce topics of interest or concern that were not on the agenda. The topics that were brought up were MathSafe, the dissolution of AMS blogs, and creating a process by which Council members can add items for discussion to the Council agenda.

6.2 Guidelines for the Fellows Selection Committee on the Number of New Fellows

Each year the January Council must provide a guideline for the number of Fellows to be selected that year. Attachment AR sets forth the process laid out in the Fellows Proposal that was approved by the membership. In particular, Item I.C, and Footnotes 1 and 5 of that document state that the target number of Fellows is determined by the AMS Council as a percentage of the membership. The Proposal's recommendation to Council is that the target be about 5% of members, to be attained over the first ten years of the program, and that the target percentage be revisited by Council at least once every ten years. It might be increased or decreased in light of the history of the nomination and selection process.

Attachment AS contains information about the number of AMS members, the number of Fellows, the number of new nominations received each year and the number of nominations reviewed by the selection committee.

The EC recommended to Council that the target number of Fellows selected in 2022 for the Class of 2023 be set at 35-45.

Council set the target number of Fellows selected in 2022 for the Class of 2023 at 35-45.

6.3 Fellows Program Review

The AMS Fellows Program will be going under review by the Prize Oversight Committee (POC) in 2023. Council is invited to discuss any thoughts that they have about the program or the review. Jared Wunsch, the Chair of the POC was present for this discussion and will report back to the committee.

6.4 Addition of Diversity Statement to the Charges of the Committee on Committees, Editorial Boards Committee, and Nominating Committee

In relation to the discussion of the Task Force Report "Towards a Fully Inclusive Mathematics Profession" at its May 2021 meeting, the ECBT proposed the idea that the charges for the Committee on Committees (Attachment AT) and the Nominating Committee (Attachment AU) should include a statement about the importance of diversity in the committees' work. This statement would also be very pertinent to the work of the Editorial Boards Committee, whose charge is included as Attachment AV. The proposed statement is below:

The AMS strives for diversity in gender, race, geography, and type of institution, for both its membership and its leadership. The (Committee on Committees or Editorial Boards Committee or Nominating Committee) is expected to keep diversity in mind when selecting candidates.

The Secretary recommended that the Council approve the addition of this statement to the charges of the Committee on Committees, Editorial Boards Committee, and Nominating Committee.

Council proposed two amendments (highlighted below), which were accepted by Secretary Hasselblatt:

The AMS strives for diversity in gender, race, geography, area of mathematics, and type of institution, for both its membership and its leadership. The (Committee on Committees or Editorial Boards Committee or Nominating Committee) is expected to keep diversity of all kinds in mind when selecting candidates.

Council approved the addition of this statement to the charges of the Committee on Committees, Editorial Boards Committee, and Nominating Committee.

6.5 Changes to AMS Bylaws

The bylaws of the AMS may be amended or suspended on recommendation of the Council and with the approval of the membership of the Society. Several proposals are being brought to Council to put bylaws changes to a vote of the membership.

6.5.1 Proposed Changes to the Membership Policies in the AMS Bylaws

In 2019, CoProf established a subcommittee to recommend changes in the membership-related bylaws. The subcommittee report was presented to CoProf. After some discussion, the committee agreed to consider a proposal after the Membership Director work in consultation with the Office of the Secretary to provide precise language for modifying the bylaws.

Megan Turcotte, AMS Director of Membership, worked with Boris Hasselblatt, AMS Secretary, to draft an updated proposal. The proposal was submitted to CoProf in its September 2021 meeting for discussion. The process determined the current membership language is restrictive as it: a) assigns specific benefits/privileges, b) defines specific membership categories, and c) dictates formula components for institutional dues calculations (i.e. scholarly activity). In addition, processes defined in the current bylaws are dated.

The proposal includes three recommendations for Council endorsed by the Committee on the Profession: (1) Replace dated language in AMS Bylaws articles regarding membership with best practices; (2) Introduce a policy to require membership for holding elective positions; and (3) Introduce a policy to define membership termination and resignation policies. These recommendations are described and explained in detail in Attachment AW.

CoProf recommended that Council approve the attached proposal to

- Update articles VIII and IX of the AMS Bylaws;
- Create a membership policy for holding elective positions;
- Create membership termination and resignation policies.

After some discussion in which concerns were raised, Council decided to postpone the vote on this item until the April 2022 Council meeting. Secretary Hasselblatt will work with Megan Turcotte and Torina Lewis to address the concerns of Council.

6.5.2 Communications of the AMS

Changes to the AMS bylaws that will make *Communications of the AMS* (CAMS) a primary journal are needed to implement prior Council decisions to this effect. Specifically, the Secretary proposes changes to the AMS bylaws that will (1) add *Communications of the AMS* to the list of primary journals, (2) clarify that regardless of the possibility of co-editors in chief, there will be one

Council representative for each primary journal, and (3) define “member journal” and “primary journal”.

The needed changes occur in the following places:

- Article III (Committees), Section 1. (To add the CAMS board to the list of primary editorial committees.)
- Article IV (Council) Section 1. (To put one CAMS representative on the Council.)
- Article XI (Publications) Section 1. (To add CAMS to the list of journals the bylaws provides for—and to take the opportunity to define “member journal” and “primary journal”.)

These changes are described and explained in Attachment AX.

The Secretary, with unanimous endorsement from the Committee on Publications and the Committee on the Profession, proposed that Council recommend these changes to the membership of the AMS.

Council accepted this proposal.

6.5.3 Communication Committees

The AMS Secretary proposed to remove references in Article VII (Election of Officers and Terms of Office) of the bylaws (Attachment AY) to the communications committee(s). These committees no longer exist. These references were meaningful when Article III mandated both Publications and Communications Committees, but that is no longer so; at the time of that bylaws change the need to remove those references was overlooked.

The Secretary proposed that Council recommend these changes to the membership of the AMS.

Council accepted this proposal.

6.6 Dues Renewal Development Funds

The checkoff boxes for 2023 dues renewal recommended by the Development Committee are unchanged from those that were approved by the ECBT and Council in 2022:

- \$40 Area of Greatest Need (unrestricted)
- \$40 2020 Fund (supports and promotes the scholarship of Black mathematicians)
- \$40 Next Generation Fund (supporting doctoral students and early career mathematicians)
- \$10 Friends of the International Mathematical Union

6.7 Future April Council Meetings

At the April 24, 2021 Council meeting, the Council voted to hold the April 2022 Council meeting remotely. There was some discussion about making all future April Council meetings remote, but a decision was not made at that time. Does the Council have any interest in making future April Council meetings remote?

Council decided to move this discussion to its April 2022 meeting.

6.8 Executive Director Report

AMS Executive Director Catherine Roberts provide an oral report. Her written report is included as Attachment BA.

6.9 Canadian Mathematical Society

The President of the Canadian Mathematical Society, Javad Mashreghi, reported. He talked about how two primary factors, COVID-19 and increased use of open access resources, have impacted revenue for the Canadian Mathematical Society and how this presents challenges for the organization.

7 Announcements, Information, and Record

7.1 Council Discussion on Task Force Report

On June 17, 2021, Kasso Okoudjou and Francis Su led a presentation about and discussion of "Towards a Fully Inclusive Mathematics Profession", the report from the Task Force on Understanding and Documenting the Historical Role of the AMS in Racial Discrimination.

7.2 Budget

The Board of Trustees adopted the 2022 budget as presented at its November 18-19, 2021 meeting.

7.3 Executive Committee Action

The Council has decided that Members of the Editorial Boards of the *Bulletin of the AMS* and the *Notices of the AMS* shall be nominated by the Chief Editors or Chief Editor-elect. Those nominations should be approved by the Council or, when appointments are made between meetings, by the Executive Committee of the Council. Members of the Editorial Board serve terms that end with the term of the Chief Editor nominating them. The following EC actions were taken.

7.3.1 *Bulletin of the AMS*

Following the recommendations of Chief Editor Susan Friedlander, the following appointments were made to the *Bulletin* of the AMS Editorial Board for Articles:

- **David Eisenbud**, MSRI, was appointed for the term February 1, 2021 through January 31, 2024.
- **Emmanuel Candes**, Stanford University, was re-appointed for the term February 1, 2021 through January 31, 2024.
- **Ivan Z. Corwin**, Columbia University was re-appointed for the term February 1, 2021 through January 31, 2024.
- **Daniel S. Freed**, University of Texas at Austin was re-appointed for the term February 1, 2021 through January 31, 2024.
- **Edward Frenkel**, University of California, Berkeley was re-appointed for the term February 1, 2021 through January 31, 2024.
- **Irene M. Gamba**, University of Texas at Austin was re-appointed for the term February 1, 2021 through January 31, 2024.
- **Mark Goresky**, Institute for Advanced Study was re-appointed for the term February 1, 2021 through January 31, 2024.
- **Andrew J. Granville**, University of Montreal was re-appointed for the term February 1, 2021 through January 31, 2024.
- **Robert M. Guralnick**, University of Southern California was re-appointed for the term February 1, 2021 through January 31, 2024.
- **Herwig Hauser**, University of Vienna was re-appointed for the term February 1, 2021 through January 31, 2024.
- **Bryna R. Kra**, Northwestern University was re-appointed for the term February 1, 2021 through January 31, 2024.
- **William P. Minicozzi II**, Massachusetts Institute of Technology was re-appointed for the term February 1, 2021 through January 31, 2024.
- **Ulrike Tillmann**, University of Oxford was re-appointed for the term February 1, 2021 through January 31, 2024.

- **Burt Totaro**, University of California, Los Angeles was re-appointed for the term February 1, 2021 through January 31, 2024.
- **Yuri Tschinkel**, New York University–Courant Institute was re-appointed for the term February 1, 2021 through January 31, 2024.
- **Maciej Zworski**, University of California, Berkeley was re-appointed for the term February 1, 2021 through January 31, 2024.

7.3.2 Notices of the AMS

Stephan Ramon Garcia's term on the *Notices* Editorial Board ended on December 31, 2021. Following the recommendations of Chief Editor Erica Flapan, the Executive Committee appointed Katelynn Kochalsky, SUNY Geneseo, to the Notices Editorial Board for the term January 1, 2022-December 31, 2024.

7.4 Next Council Meeting

The next AMS Council Meeting will be held remotely on Saturday, April 2, 2022. The Secretary requests that items for the Council Agenda be submitted by March 5, 2022.

7.5 Future Scientific and Governance Meetings

See the listing of future meetings in Attachment AZ.

8 Adjournment

Council adjourned at 7:50 p.m. PST.

Attachments

AMS Council Members
February 1, 2022–January 31, 2023
As of January 4, 2021

Officers

President	Ruth Charney	Brandeis University	31 Jan 2023
President Elect	Bryna Kra	Northwestern University	31 Jan 2023
Vice Presidents	Jesús A. De Loera	UC-Davis	31 Jan 2025
	Hee Oh	Yale University	31 Jan 2024
	Francis Su	Harvey Mudd College	31 Jan 2023
Secretary	Boris Hasselblatt	Tufts University	31 Jan 2023
Past Secretary	Carla D. Savage	North Carolina State University	31 Jan 2023
Associate Secretaries	Brian D. Boe	University of Georgia	31 Jan 2023
	Steven H. Weintraub	Lehigh University	31 Jan 2023
	TBD	TBD	31 Jan 2024
	TBD	TBD	31 Jan 2024
Treasurer	Douglas L. Ulmer	University of Arizona	31 Jan 2023
Associate Treasurer	TBD	TBD	31 Jan 2024

Chief Editors

Bulletin of the AMS	Susan J. Friedlander	USC	31 Jan 2024
Colloquium	Mark Kisin	Harvard University	31 Jan 2025
Journal of the AMS	Pavel Etingof	MIT	31 Jan 2025
Mathematical Reviews	Danny C. Calegari	University of Chicago	31 Jan 2024
Math Surveys & Monographs	Bryna Kra	Northwestern University	31 Jan 2026
Mathematics of Computation	Susanne C. Brenner	Louisiana State University	31 Jan 2024
Proceedings of the AMS	David Futer	Temple University	31 Jan 2026
Transactions and Memoirs	Dan Abramovich	Brown University	31 Jan 2025

Members at Large

Alina Carmen Cojocaru	University of Illinois at Chicago	31 Jan 2024
Gunnar Carlsson	Stanford University	31 Jan 2025
Duane Cooper	Morehouse College	31 Jan 2024
Stephan Ramon Garcia	Pomona College	31 Jan 2023
William Goldman	University of Maryland	31 Jan 2025
Sarah J. Greenwald	Appalachian State University	31 Jan 2024
Svetlana Jitomirskaya	UC-Irvine	31 Jan 2025
Kiran S. Kedlaya	UC-San Diego	31 Jan 2024
Lily S. Khadjavi	Loyola Marymount University	31 Jan 2025
Gail Letzter	National Security Agency	31 Jan 2025
Rosa C. Orellana	Dartmouth College	31 Jan 2023
Anne Joyce Shiu	Texas A&M University	31 Jan 2024
Maggy Tomova	University of Iowa	31 Jan 2023
Dylan P. Thurston	Indiana University	31 Jan 2023
Bianca Viray	University of Washington	31 Jan 2023

AMS Council Members
February 1, 2021–January 31, 2022
As of January 4, 2021

Executive Committee

Ruth Charney	Brandeis University	<i>ex officio</i> , 31 Jan 2024
Boris Hasselblatt	Tufts University	<i>ex officio</i> , 31 Jan 2023
Bryna Kra	Northwestern University	<i>ex officio</i> , 31 Jan 2026
Kasso A. Okoudjou	Tufts University	28 Feb 2024
Gigliola Staffilani	Massachusetts Institute of Technology	28 Feb 2023
Francis Su	Harvey Mudd College	28 Feb 2025
TBD	TBD	28 Feb 2026

Committee on Human Rights of Mathematicians

General Description

- Committee is standing
- Number of members is about nine
- Term is three years

Principal Activities

The AMS is committed to speaking whenever mathematicians are deprived of the opportunity to practice their profession due to violations of the freedoms enumerated in the Universal Declaration of Human Rights (<http://www.un.org/en/universal-declaration-human-rights/>) and the Affirmation¹ adopted by the U.S. National Academy of Sciences. This Committee will assist the Society in such matters by reviewing alleged violations of human rights of mathematicians and by recommending appropriate action to the AMS. For this purpose, a mathematician is a person professionally engaged in a mathematical science (such as pure mathematics, applied mathematics, mathematical statistics, computer science, or operations research) or trained for such activity.

The Committee should arrive at recommendations for action using common sense, any source of information available, and the advice of organizations which have had extensive experience in human rights cases such as the International League for the Rights of Man and Amnesty International. Some examples of recommendations that the Committee might make include (but are not limited to):

1. that the AMS President write a letter,
2. that the AMS membership be informed about a case (e.g., informed of a petition that members may wish to sign),
3. that a news item be posted to the AMS website,
4. that the AMS Council take an action in the name of the Council, or call a referendum on an action to be taken in the name of the Society.

The Committee files an annual report with the AMS Secretary's Office.

Other Activities

~~Two members will serve as the AMS representatives to the American Association for the Advancement of Science Human Rights Coalition of which the AMS is a full member. These representatives shall be chosen by the AMS President and will be expected to travel to the twice-yearly coalition meetings in Washington D.C. Their travel expenses will be reimbursed. The two representatives will sit on the Council of the AAAS-HRC and have full voting privileges.~~

Proposed change: The AMS President may appoint up to two members as representatives to the American Association for the Advancement of Science Human Rights Coalition, and any travel of theirs to coalition meetings in Washington D.C. (no more than twice a year) will be reimbursed.

¹ As expressed in the 2008 U.N. declaration on sexual orientation and gender identity, AMS considers sexual orientation and gender identity to be included under "other status" in the enumerated categories of "race, colour, sex, language, religion, political or other opinion, national or social origin, property, birth or other status" in Article 2 of the Universal Declaration of Human Rights.

Miscellaneous Information

The business of this committee can be done by mail, electronic mail, or telephone, expenses which may be reimbursed by the Society.

Note to the Chair

Work done by committees on recurring problems may have value as precedent or work done may have historical interest. Because of this, the Council has requested that a central file system be maintained for the Society by the Secretary. Committees are reminded that records of work should be kept and submitted annually to the Secretary for archival purposes. Confidential material should be noted, so that it can be handled in a confidential manner.

Authorization

15 January 2019 Council Minutes, Item 5.1 Principle Activities of the Committee were significantly modified.

Council minutes of 23 August 1976, p.3; Council minutes of 26 January 1977, attachment.

Council minutes of 03 April 2004, item 4.5;

Updated 10/31/90; 8/24/94; 5/04/95; 3/22/99; 4/3/04; 10/13 Other Activities, membership, Note, Misc Info

Past Members

A list of current and past members is available here:

<http://www.ams.org/about-us/governance/committees/humanright-past.html>

Von Neumann Symposium Committee

Monitoring of the Von Neumann Symposium was handled by the Summer Institutes and Special Seminars Committee until January 2000, when it was discharged. A need persists for a committee to oversee the quadrennial event and to select organizers. The Secretary recommends adoption of the following committee description and charge.

General Description

- Committee is standing
- Number of members is three
- New committee is formed for each selection cycle

Principal Activities

To administer the flow of proposals for the quadrennial Von Neumann Symposium, to select a topic by recommending an organizing committee to the Executive Committee of the Council for approval, and to set general policies as needed.

Other Activities

Miscellaneous Information

The business of this committee can be done by mail, electronic mail, or telephone, expenses which may be reimbursed by the Society.

Note to the Chair

Committee chairs should be informed, at the beginning of each fiscal period, the budget of their committees and cautioned to remain within the budget. Such items as travel reimbursement to, accommodations for, and meals for guests of any kind fall within these budgets.

Work done by committees on recurring problems may have value as precedent or work done may have historical interest. Because of this, the Council has requested that a central file system be maintained for the Society by the Secretary. Committees are reminded that a copy of every sheet of paper should be deposited (say once a year) in this central file. Confidential material should be noted, so that it can be handled in a confidential manner.

Authorization

Council minutes of January 5, 2002, item 3.1; *updated 8/09*

Past Members

A list of current and past members is available here:

<http://www.ams.org/about-us/governance/committees/vonneumann-past.html>

Short Course **Committee Subcommittee** ~~of the Program Committee for National Meetings~~

General Description

- Committee is standing
- Number of members is seven
- Term is three years

Principal Activities

This **committee subcommittee** ~~of the standing AMS Program Committee for National Meetings~~ is charged with the generation and sponsorship of short courses on fields of application of mathematics, directed to mathematicians seeking professional development and continuing education. The short courses will be held in conjunction with the Annual Joint Mathematics Meetings. It is expected that the proceedings of such short courses will be published in the series *PROCEEDINGS OF SYMPOSIA IN APPLIED MATHEMATICS*.

Other Activities

Miscellaneous Information

There is staff support for the Subcommittee from the Providence office, both for committee activities and for the coordination of the short course programs.

Note to the Chair

Committee chairs should be informed, at the beginning of each fiscal period, of the budget of their committees and cautioned to remain within the budget. Such items as travel reimbursement, accommodations, and meals for guests of any kind fall within these budgets.

Work done by committees on recurring problems may have value as precedent or work done may have historical interest. Because of this, the Council has requested that a central file system be maintained for the Society by the Secretary. Committees are reminded that a copy of every sheet of paper should be deposited (say once a year) in this central file. Confidential material should be noted, so that it can be handled in a confidential manner.

Authorization

Council minutes: March 21, 1991

MXF 4/18/91; updated 8/94; 5/95; 4/99; 8/09; 4/2013 Council Minutes 20 Apr 2013, Item 4.4.2; 7/2013 membership, edited Note to the Chair, removed mention of travel in Misc Info

Past Members

A list of current and past members is available here:

<http://www.ams.org/about-us/governance/committees/shortcourses-past.html>

AMS Website

A list of past short courses, the Short Course Manual, and a Call for Proposals are available here:

<http://www.ams.org/meetings/short-courses/short-course-general>

If you would like access to this attachment (Financial Analysis of 2023 Dues Proposal), please reach out to the AMS Membership Department at membership@ams.org.

If you would like access to this attachment (Financial Analysis of 2023 Dues Proposal), please reach out to the AMS Membership Department at membership@ams.org.

If you would like access to this attachment (Financial Analysis of 2023 Dues Proposal), please reach out to the AMS Membership Department at membership@ams.org.

If you would like access to this attachment (Financial Analysis of 2023 Dues Proposal), please reach out to the AMS Membership Department at membership@ams.org.

2023 Streamlined Dues Rate Structure Membership Department

Overview

In June 2020, in the midst of a national reckoning on issues of race, the American Mathematical Society (AMS) President Jill Pipher established the AMS Task Force on Understanding and Documenting the Historical Role of the AMS in Racial Discrimination to listen to the mathematics community, especially African American mathematicians, about their experiences with racial discrimination in the mathematics community. The Task Force report rests on a simple idea connected to the AMS mission: both the community of professional mathematicians and mathematics itself thrive when all can fully participate. One recommendation from the task force report is to develop and implement an engagement plan to welcome the participation of Black mathematicians in the AMS. A starting point is to affirm the important role Historically Black Colleges and Universities (HBCUs) play in the profession and ensure that they have a voice in the AMS if that is their choice. As a necessary step in the process, AMS plans to make membership more affordable for faculty at HBCUs. According to the National Education Association (NEA) 2019-20 Faculty Salary Analysis¹, there is a persistent penalty paid by faculty at HBCUs. On average, HBCU faculty earn \$18,000 less than those teaching in non-HBCU institutions, with HBCU faculty earning about \$69,180, on average, compared to \$87,385 for faculty in non-HBCUs. HBCU faculty members also earn significantly lower salaries than their peers teaching at non-HBCU institutions.

Another population that could benefit from a modified individual dues structure is Career Teaching Faculty (CTF). In 2019, the Committee on the Profession (CoProf) and the Committee on Education (COE) appointed a joint subcommittee to make recommendations to CoProf and CoE on how the AMS can better serve and be more attractive to CTF. The subcommittee explained that CTF is a vital and highly valuable group of the mathematical community whose interests and appetite for professional activities, programs, and professional development may differ from those traditionally served by the AMS. One barrier to AMS membership expressed in the report is the cost of membership.

Faculty from the populations described typically earn salaries significantly lower than \$90,000 – the AMS regular dues rate salary cutoff. The AMS inspires to become a rewarding choice of a professional society for these groups by addressing the cost barrier to membership and then systematically addressing inclusion barriers annotated in a 2020 CoProf subcommittee report. The discussion about making membership more affordable for these populations prompted the AMS to review the dues rate structure. This review determined that despite an increase in some dues-paying member categories from 2017-2019, others had experienced underutilization over the last seven years, and the salary cutoff for the regular dues rate categories was based on salaries of more affluent members of the mathematical community.

The AMS staff propose to streamline the dues rate structure by eliminating minimally used categories, redesigning other categories, and introducing a structure that will make membership opportunities accessible for a broader community of mathematicians.

Challenge

An explanation of the 2022 AMS dues rate structure can be found in *Appendix I: 2021 AMS Dues Categories*. A review revealed rates that have experienced routine enrollment and retention losses and underutilization from 2017-2020. During that time period, new member enrollments

¹ *The Calm before Covid: The Last Look at Faculty Salaries Before the Tumultuous Pandemic*. NEA Higher Education Faculty Salary Analysis: 2019-20. VOL. 39, NO.1 March 2021.

increased, specifically with the creation of the introductory and dues-paying student membership categories. In 2019, retention decreases slowed the most over the last seven years. However, family, reciprocity high (recip-h), and reciprocity low (recip-l) categories experienced underutilization.

The family dues rate categories offer a \$20 discount off the purchase of one family member’s regular high (reg-h) or reg low (reg-l) dues. The secondary family member is ineligible for print copies of member journals, but receives the \$20 discount and is eligible for other member benefits. In the past, a \$20 discount may have enticed family members to join and renew together. However, this rate has experienced minimal new enrollments and decreased renewals over the last decade, suggesting the discount is no longer a meaningful recruitment or retention incentive.

Reg-h and reg-l dues rates are available to members with an annual professional income either at/above or below the salary cutoff of \$90,000, respectfully. In response to changes in average salary rates of departments from the annual survey whose highest degree is a bachelor’s degree in mathematics, this salary cutoff has shifted over time from \$45,000 in 1998 to \$90,000 in 2019. However, a single salary cutoff excludes professionals with considerably lower salaries than \$90,000. The tentative results of the 2019-20 Annual Survey, shown in *Appendix III: Annual Survey 2019-20 Salaries Tentative Results for Departments whose highest degree is a bachelors degree in mathematics*, reported a mean salary of an assistant professor of \$65,681.

There are three types of reciprocity membership rates: reciprocity (recip), recip-h, and recip-l. Reciprocity members are those members residing outside of the United States who belong to one of the foreign societies with which the AMS has established a reciprocity agreement. This rate is utilized appropriately. The recip-h and recip-l rates are underutilized. The two rates are for members living in the US, who also belong to a society with which the AMS holds a reciprocity arrangement. The two dues categories have the same rate as reg-h and reg-l. There is no discount applied for this category. Offering too many dues rate categories has the potential to overwhelm applicants and make it challenging to identify trends. The total number of categories for colleague associations, which range from four to eleven, can be viewed in *Appendix II*.

Table 1: 2017-2020 Trends of Underutilized AMS Dues Rates				
Member Type	2017 (end of year)	2018 (end of year)	2019 (end of year)	2020 (end of year)
FAMILY-PRIMARY-HIGH	27	24	27	30
FAMILY-PRIMARY-LOW	23	20	15	16
FAMILY-SECONDARY-HIGH	20	21	14	12
FAMILY-SECONDARY-LOW	39	35	33	29
REGULAR HIGH	1798	1679	1696	1672
REGULAR LOW	2732	2719	2402	2114
RECIPROCITY HIGH	13	15	15	12
RECIPROCITY LOW	15	18	16	14
Grand Totals	4667	4531	4218	3899

During the review of the dues rate structure, it was determined that colleague societies offer a special dues category for professionals interested in the society's mission. These non-mathematician professionals may participate in the society's meetings or conferences and/or purchase products and services when their own "professional home" is with another society. In addition, it was found that colleague societies offer a low, flat student dues rate that does not experience annual cost-of-living increases.

Objective

This proposal will: 1) eliminate underutilized dues categories, 2) redesign categories to reflect current best practices, and 3) introduce new categories to make AMS membership accessible to a wider audience. These changes would reduce the current dues rate structure from 22 dues categories to 17 categories. **Changes, if approved, would be communicated with all AMS members via the 2023 dues renewal campaign, including that members may change their dues rate to an appropriate rate during the renewal process.** Details regarding all recommended changes can be found in *Appendix IV: Current vs. Proposed Dues Rate Categories Modifications*, but changes are outlined here:

Eliminate

Family high (fam-h) and family low (fam-l) rates: Eliminate the categories and *transition fam-h to reg-h and fam-l into the regular medium (reg-m) rate.*

Recip-h and Recip-l rates: Eliminate the rate categories and *transition recip-h to reg-h and recip-l into reg-m rates.*

Redesign

Student rate: The recommendation is based on current student rates as shown in *Appendix II: Colleague Association Membership Categories*. Combine all students (High School, Undergraduate, or Graduate) into a single student category. Decrease the price from \$52 to \$35 and model this rate similarly to the affiliate rate, which doesn't undergo an annual increase. Historically, this dues rate has increased with other annual dues rate increases. The Mathematical Association of America (MAA) is the most reciprocal of these comparisons as it relates to benefit offerings. AMS would continue to define student type (High School, Undergraduate, or Graduate) during the application process.

Introductory (Intro) rate: Decrease the intro rate benefit from five (5) years to two (2) years with the first year of membership in any category other than student or affiliate. Maintain current intro members in years 1-2. Transition current intro members in years 3-5 to reg-m.

The introduction of reg-m² and transition of reg-l will make dues rates more affordable for mathematicians with salaries significantly lower than \$90,000. In addition, *Appendix II* shows four out of nine associations in the Mathematical Sciences offer an introductory rate and only one offers the rate up to five years.

Reg-h: Applies after the first two consecutive years of regular membership. Annual professional income is \$90,000 or more.

Adjust availability to after two years of introductory membership. The 2022 reg-h members remain reg-h members in 2023.

² Continue reading through to Introduce: Regular Medium for further clarification.

Reg-l: Applies after the first two consecutive years of regular membership. Annual professional income is below \$65,000. Transition current reg-l members to reg-m.

Adjust availability to after two years of introductory membership. The 2022 reg-l members become reg-m members in 2023.

Introduce

Regular Medium: Applies after the first two consecutive years of regular membership. Annual professional income is greater than or equal to \$65,000 and less than \$90,000. Introducing a regular category (reg-h, reg-m, and reg-l) rate ladder allows a more affordable rate for mathematicians whose salaries are significantly lower than \$90,000 (current reg-h rate cutoff). A review of the AMS Annual Survey 2019-2020 Bachelors Group, Assistant Professor's mean salary was used to determine the reg-l/reg-m threshold.

Non-mathematician "Friend of Math" rate: Non-mathematicians whose professional home may not be the AMS, but who want to support the AMS mission through use of its products, programs, and services as a member. We propose that these members be eligible for electronic member benefits only and ineligible to vote for elections (similar to nominee members). For consistency, the AMS dues rate would be the same as introductory and retired members.

Maintain the following categories as written (see *Appendix I: 2021 AMS Dues Categories* for further descriptions):

- Affiliate
- Contributing
- Emeritus
- Life
- Nominee
- Nom-G
- Nom-S
- Reciprocity
- Reciprocity-Life
- Regular - High
- Retired
- Unemployed

Megan E. Turcotte
Director, Membership
October 2021

Appendix I: 2021 AMS Dues Categories

<u>Abbreviation</u>	<u>AMS Dues Category Description</u>
Affil	Affiliate: members who reside in an AMS-defined developing country. Rate is fixed at \$20.
Cont	Contributing: charitable category allowing the portion which exceeds the regular-high dues level to be treated as a charitable contribution. Rate is 1.5 x Reg-H.
Emer	Emeritus: members in good standing with 20 years or more of uninterrupted membership who have retired from the profession. Rate is fixed at \$0.
Fam-P-H	Family Primary High: members paying regular-high dues so another family member, who also pays a regular dues rate based on their income, becomes eligible for a \$20 discounted rate. <i>These members are eligible to receive paper copies of Notices and the Bulletin.</i> Rate is Reg-H rate.
Fam-P-L	Family Primary Low: members paying regular-low dues so another family member, who also pays a regular dues rate based on their income, becomes eligible for a \$20 discounted rate. <i>These members are eligible to receive paper copies of Notices and the Bulletin.</i> Rate is Reg-L rate.
Fam-S-H	Family Secondary High: members paying regular-high dues less \$20. <i>These members are not eligible to receive paper copies of Notices and the Bulletin.</i> Rate is Reg-H rate minus \$20.
Fam-S-L	Family Secondary Low: members paying regular-low dues less \$20. <i>These members are not eligible to receive paper copies of Notices and the Bulletin.</i> Rate is Reg-L rate minus \$20.
GradSt	Graduate Student: members who are full-time graduate students. Rate is .25 x Reg-H.
Intro	Introductory: members in the first five consecutive years of regular membership
Life	Life: members who have purchased either the Life 40, 50, or 60 dues rate. Rates are either 15, 10, or 5 x the Reg-H rate.
Nom	Nominee: institutional member-nominated members who are faculty. Rate is \$0.
Nom-G	Graduate Student Nominee: institutional member-nominated members who are graduate students. Rate is \$0.
Nom-S	Student Nominee: institutional member-nominated members who are undergraduate students. Rate is \$0.
Recip	Reciprocity: members who belong to one of the foreign societies with which the AMS has established a reciprocity agreement. Rate is .5 x Reg-H.
Recip-H	Reciprocity High: members paying the Reg-H rate while belonging to a reciprocating society. There is no discount applied--just a category that acknowledges their membership in the reciprocating society. Rate is Reg-H rate.
Recip-L	Reciprocity Low: members paying the Reg-L rate while belonging to a reciprocating society. There is no discount applied--just a category that acknowledges their membership in the reciprocating society. Rate is .75 x Reg-H.
Recip-Life	Reciprocity Life: members who are reciprocity members and have purchased either the Recip-Life 40, 50, or 60 dues rate. Rates are either 7.5, 5, or 2.5 x the Reg-H rate.
Reg-H	Regular High: members whose annual professional income is \$90,000 or more.
Reg-L	Regular Low: members whose annual professional income is below \$90,000. Rate is .75 x Reg-H.
Ret	Retired: members who have retired from the profession. Rate is .375 x Reg-H and rounded up.
Student	Student: members who are full-time undergraduate students. Rate is .25 x Reg-H.
Unem	Unemployed: members who currently unemployed and actively seeking employment. Rate is option of .25 x Reg-H, \$20, or \$0.

Appendix II: Colleague Association Membership Categories

<u>Association</u>	<u>Total Number of 2021 Membership Categories</u>	<u>2021 Student Membership Rates</u>	<u>2021 Rate for Related Professional</u>	<u>2021 Introductory (or applicable) Rate Availability</u>
American Association for Advancement of Science	6	\$65 or \$95	Yes: "Science Advocate"	N/A
American Chemical Society	5	\$29, \$65, \$43.75, or \$87.50	Yes: "Non-Scientist/Society Affiliate"	N/A
American Physical Society	10	\$25 or \$39	N/A	Yes-available for 5 yrs.
American Statistical Association	9	\$25	Yes, 2 rates: Comm Coll & K-12	Yes-available for 1 yr.
Association for Women in Mathematics	11	\$20	Yes: "Subscription Member"	N/A
Mathematical Association of America	9	\$35	Yes: "VITAL Member"	Yes-available for 2 yrs.
National Association of Mathematicians	5	\$30	N/A	N/A
National Council of Teachers of Mathematics	4	\$49	N/A	N/A
Society for Industrial & Applied Mathematics	9	\$0, \$15, or \$25	N/A	Yes-available for 3 yrs.

Appendix III: Annual Survey 2019-20 Salaries Tentative Results for Departments whose highest degree is a bachelors degree in mathematics

Bachelors Group, 227 responses out of 1492 (15%)						
Rank	2019-20					
	Gender	No. Reported	Q1	Median	Q3	Mean
New Asst Professors	All	90	54,100	61,700	73,100	64,592
	Male	57	53,300	60,800	75,400	64,079
	Female	33	56,300	63,100	71,900	65,478
Assistant Professor*	All	418	56,100	63,200	74,000	65,681
	Male	259	54,800	62,100	73,200	64,450
	Female	159	57,800	65,900	74,700	67,687
Associate Professor	All	558	65,300	71,300	83,400	75,466
	Male	384	65,600	72,800	82,900	75,526
	Female	174	64,000	72,100	89,600	75,333
Full Professor	All	688	76,100	89,200	111,000	96,750
	Male	505	76,700	91,100	111,700	97,656
	Female	183	74,300	85,800	108,300	94,251
Non-tenure-track faculty	All	688	45,200	51,600	60,400	53,869
	Male	505	44,900	53,900	64,200	55,636
	Female	183	45,300	50,400	57,100	52,047
* Includes newly hired assistant professors.						

Appendix IV: Current vs. Proposed Dues Rate Categories Modifications

<u>Recommended Changes</u>	<u>2022 Individual Dues Category</u>	<u>2023 Proposed Individual Dues Category</u>	<u>Recommended % of highest paid dues rate OR Recommended flat dollar rate</u>
Eliminate	Family - high	Regular - High	100.00%
Eliminate	Family - low	Regular - Medium	75.00%
Eliminate	Reciprocity in US - high	Regular - High	100.00%
Eliminate	Reciprocity in US - low	Regular - Medium	75.00%
Redesign: Apply a set rate that includes all student and is not eligible for annual dues increases, similar to the affiliate rate	Grad Student/Student	Student: High School, Undergraduate, or Graduate	\$35
Redesign: Decrease available from 5 yrs. to 2 yrs.	Intro (aka Reg - Entry - E)	Introductory	37.50%
Redesign: Lower salary range threshold	Regular - Low	Regular-Low: professional income below \$65,000	50%
Introduce		Non-mathematician "Friend of Math"	37.50%
Introduce		Regular - Medium: professional income between \$65,000 ≤ x < \$90,000	75%
Maintain this as currently written	Affiliate	Affiliate	\$20
Maintain this as currently written	Contributing	Contributing	150%
Maintain this as currently written	Emeritus	Emeritus	\$0
Maintain this as currently written	Life	Life	At age 60 and above, by paying 5 times the regular high dues rate. At age 50 to 59, by paying 10 times the regular high dues rate. At age 40 to 49, by paying 15 times the regular high dues rate.
Maintain this as currently written	Nominee	Nominee	\$0
Maintain this as currently written	Nom-G	Nom-G	\$0
Maintain this as currently written	Nom-S	Nom-S	\$0

Maintain this as currently written	Reciprocity	Reciprocity	50%
			At age 60 and above, by paying 2.5 times the regular high dues rate. At age 50 to 59, by paying 5 times the regular high dues rate. At age 40 to 49, by paying 7.5 times the regular high dues rate.
Maintain this as currently written	Reciprocity-Life	Reciprocity-Life	
Maintain this as currently written	Regular - High	Regular - High: professional income is above \$90,000	100%
Maintain this as currently written	Retired	Retired	37.50%
Maintain this as currently written	Unemployed	Unemployed	25%, \$20, or \$0

2023 Individual Member Dues Recommendation

Divisions of Finance and Administration & Meetings and Professional Services (MPS)

The procedure used for setting individual dues requires that discussions begin in year X, in order to set the dues rate for year X+2. The procedure for setting individual dues is the following:

- In November of year X, staff makes a recommendation about dues, guided by the principles described below. The ECBT then recommends a dues rate for year X+2 to the Council.
- In January of year X+1, the Council reviews the ECBT recommendation and sets the dues rate for year X+2.
- In May of year X+1, the Board of Trustees approves the dues set by Council.

In May 2015 the Board of Trustees approved the following principles to guide the setting of individual member dues:

Principle 1: The total revenue from individual and institutional dues should exceed the total net direct costs of the following membership related areas: privilege journals, members-only services, membership development, membership administration and governance, as reported to the Board of Trustees.

Principle 2: When an increase in dues rates is deemed to be appropriate, the following factors should guide the Council and the Board of Trustees in establishing the new dues rates:

- The current rate of inflation.
- The recent rate of growth in faculty salaries.
- The rate of growth in the net direct costs of the membership related areas listed in Principle 1.

Principle 3: A single increase in dues rates substantially beyond the level of the factors listed in Principle 2 should be avoided in favor of several successive moderate annual increases.

Recommendation for 2023 Dues

AMS staff recommends that the regular high dues rate for 2023 be set at \$214, with the salary threshold for the regular high dues rate category remaining at \$90,000. This is a \$6 (2.88%) increase over the dues rate for 2022. Note that the usual practice of increasing regular dues rate by \$4 per year was suspended during the pandemic, and the 2020 dues rates were kept constant for 2021. See Table 1 for historical regular high dues rate increases. If ECBT does not approve the 2023 proposed dues structure, staff recommends a \$4 (1.92%) regular high dues rate increase.

Year	Dues Rate	Year	Dues Rate	Year	Dues Rate
2000	\$ 132.00	2008	\$ 160.00	2016	\$ 188.00
2001	\$ 136.00	2009	\$ 164.00	2017	\$ 192.00
2002	\$ 140.00	2010	\$ 168.00	2018	\$ 196.00
2003	\$ 144.00	2011	\$ 168.00	2019	\$ 200.00
2004	\$ 148.00	2012	\$ 172.00	2020	\$ 204.00
2005	\$ 152.00	2013	\$ 176.00	2021	\$ 204.00
2006	\$ 152.00	2014	\$ 180.00	2022	\$ 208.00
2007	\$ 156.00	2015	\$ 184.00		

Principal 1: Staff reviewed and updated the categories in membership related areas: privilege journals, members-only services, membership development, membership administration, and governance as written in the B pages. This update was completed by Lucy Maddock, chief financial officer, and Megan Turcotte, director of membership. Table 2 below shows the total revenue from individual and institutional dues exceeds the total net direct costs of the specified membership-related areas. **Thus, the requirement of Principle 1 has been met.**

<u>Year</u> Rate	Individual Dues Revenues	Institutional Dues Revenues	Net Direct Cost of Membership Activities	Surplus (Deficit) of Revenue over Costs
2020 Actual	1,159	1,348	(1,976)	531
2021 Projection	1,075	1,316	(2,330)	61
2022 Budget	1,067	1,211	(2,116)	161
2023 - \$208	1,053	1,211	(2,116)	148
2023 - \$212	1,073	1,211	(2,116)	168
2023 - \$214	1,094	1,211	(2,116)	189

Explanatory Notes:

- Membership activities under Principle 1 are:
 - Notices, Bulletin, Abstracts (60%)
 - Member services (Communications (50%), Public Awareness (50%), Membership Retention and Promotions)
 - Membership development and administration, and
 - Governance
- The amounts are taken directly from the B-Pages, as presented to the ABC.
- The 2021 dues revenue reflects projected amounts and 2022 dues revenue is as budgeted. The three scenarios presented for 2023 dues assume a paying membership similar to that budgeted for 2019.

Principle 2: This principle describes factors to consider when a dues rate increase seems appropriate. Shown in Appendix II are the economic data related to growth in faculty salaries and the consumer price index. The data on salaries relate to the general ability of members and potential members to pay dues with personal income. The American Association of University Professors (AAUP) reports an annual salary decrease (-0.40%) in 2020 salaries, and the AMS Annual Survey reports a positive increase (1.4%) in annual salaries for tenured and tenure-eligible faculty in doctoral departments. At the end of 2020

(the last year of actual data), the AAUP and the AMS cumulative salary increase since 1996 has been growing at a rate faster than the cumulative dues increase.

The inflation rate has a one-year lag. In 2022, the estimated inflation rate of 5.9 represents a possible percentage increase of prices in 2023. Note that staff is recommending an increase over 2022 dues of less than 5.9%. It should be noted that members generally pay dues for year X in the last quarter of year X-1, so the inflationary effect of dues on discretionary income felt by the individual member is likely somewhere in between the cumulative increase of year X (dues paid during dues year) and X-1 (dues paid in advance). Appendix II shows salary and consumer price index values.

Principle 3: AMS staff is proposing a new dues structure for 2023. Using membership data from 2019, staff projected the impact of the 2023 proposed dues rate structure. One model shows an increase of approximately \$12 over the 2018 regular high dues rate would have been necessary to create a near revenue-neutral model. The recommendation of a \$6 increase in individual membership dues is more than the typical increase to account for uncertainty in membership revenue if ECBT approves the 2023 proposed dues rate structure. The \$6 increase is 50% less than the near revenue-neutral model projection using 2019 data.

Principle 1 is met. Staff considered recommendations of larger increase, but given supporting data for Principle 2 and the description of Principle 3, it seems prudent to consider smaller increases over time.

Summary: The AMS Membership Department was established on January 30, 2017, with two full-time staff members. The department focused on new member enrollment and retention. These efforts managed to slow the decline of membership in 2018 and 2019. In 2020 and 2021 (as of 10/17/2021), paid membership counts suffered their largest loss, 458 and 798, respectively, since 2014. The pandemic and other factors facilitated a shift in a holistic approach to attracting new members. Communications and membership departments overhauled the membership webpages to represent a sense of belonging for members and highlight new member benefits. A new dues structure will be proposed to the 2021 November ECBT to make membership financially accessible for a broader group of mathematicians. Financial models for the 2023 proposed dues rate structure using 2019 data suggest that a financial loss is highly likely until efforts to attract new members are amplified.

Although AAUP reports an annual decrease and AMS reports a slight increase in faculty salaries for 2020, an increase in individual dues rates is needed to account for possible financial losses that may result as a consequence of implementing the proposed 2023 dues rate structure. AMS staff recommends that the regular high dues rate for 2023 be set at \$214, with the salary threshold for high dues rates remaining at \$90,000. This increase is a \$6 (2.88%) increase over the regular high dues of 2022.

Appendix 1 shows the 2022 dues rates, and the 2023 projected dues rates based on two recommendations.

*Torina Lewis, Associate Executive Director (AED), MPS
Lucy Maddock, Chief Financial & AED, Finance & Administration
October 2021*

Appendix I: 2022 Approved and 2023 Recommended Dues Categories and Rates

Dues Category	2022 Rate (\$208 Approved)	2023 Rate (\$212 Recommendation)	2023 Rate (\$214 Recommendation)
Regular - h	\$208	\$212	\$214
Regular - l	\$156	\$159	\$107
Reg - Introductory Member	\$78	\$80	\$80
Contributing	\$312	\$318	\$321
Family - low	\$156	\$159	N/A
Family - high	\$208	\$212	N/A
Family - low - no sub	\$136	\$139	N/A
Family - high - no sub	\$188	\$192	N/A
Reciprocity outside US	\$104	\$106	\$107
Reciprocity in US - high	\$208	\$212	N/A
Reciprocity in US - low	\$156	\$159	N/A
Retired	\$78	\$80	\$80
Affiliate	\$20	\$20	\$20 (flat)
Graduate Student	\$52	\$53	N/A
Student	\$52	\$53	\$35 (flat)
Unemployed - Variable	\$0, \$20, \$52	\$0, \$20, \$52	\$0, \$20, \$52
Life 60	\$1040	\$1060	\$1070
Life 50	\$2080	\$2120	\$2140
Life 40	\$3120	\$3180	\$3210
Life Recip 60	\$520	\$530	\$535
Life Recip 50	\$1040	\$1060	\$1070
Life Recip 40	\$1560	\$1590	\$1605
Friend of Math	N/A	\$80	\$80
Regular - m	N/A	\$159	\$159

Appendix II: Factors for Consideration in Setting Individual Dues Rates for 2023

Academic Year Beginning	Faculty Salaries Data						Inflation Data			Regular High Dues Rates		
	AAUP Reports			AMS Annual Survey			Calendar Year	Annual Increase CPI-U	Cumulative Increase CPI-U	Actual Dues	Cumulative Increase	High/Low Cutoff
	Annual Salary Increase	Cumulative Salary Increase	Annual Salary Increase Doctoral Departments	Annual Salary Increase Doctoral Departments	Cumulative Salary Increase							
1996	3.0%						1996	3.3%		120		45,000
1997	3.3%	3.3%	2.7%	2.7%			1997	1.7%	1.7%	124	3.3%	45,000
1998	3.6%	7.0%	3.8%	6.6%			1998	1.6%	3.3%	128	6.7%	45,000
1999	3.7%	11.0%	3.8%	10.7%			1999	2.7%	6.1%	132	10.0%	55,000
2000	3.5%	14.9%	5.0%	16.2%			2000	3.4%	9.7%	132	10.0%	65,000
2001	3.8%	19.2%	4.2%	21.1%			2001	1.6%	11.4%	136	13.3%	75,000
2002	3.0%	22.8%	3.3%	25.1%			2002	2.4%	14.1%	140	16.7%	75,000
2003	2.1%	25.4%	2.0%	27.6%			2003	1.9%	16.2%	144	20.0%	75,000
2004	2.8%	28.9%	2.2%	30.4%			2004	3.3%	20.0%	148	23.3%	80,000
2005	3.1%	32.9%	4.0%	35.6%			2005	3.4%	24.1%	152	26.7%	80,000
2006	3.8%	37.9%	3.5%	40.2%			2006	2.5%	27.2%	152	26.7%	80,000
2007	3.8%	43.2%	4.2%	46.1%			2007	4.1%	32.4%	156	30.0%	80,000
2008	3.4%	48.0%	1.6%	48.5%			2008	0.1%	32.6%	160	33.3%	80,000
2009	1.2%	49.8%	3.0%	53.0%			2009	2.7%	36.1%	164	36.7%	80,000
2010	1.4%	51.9%	0.7%	54.1%			2010	1.5%	38.2%	168	40.0%	85,000
2011	1.8%	54.6%	3.6%	59.6%			2011	3.0%	42.3%	168	40.0%	85,000
2012	1.7%	57.2%	1.3%	61.7%			2012	1.7%	44.7%	172	43.3%	85,000
2013	2.2%	60.7%	1.8%	64.6%			2013	1.5%	46.9%	176	46.7%	85,000
2014	2.2%	64.2%	3.0%	69.5%			2014	0.8%	48.0%	180	50.0%	85,000
2015	4.0%	70.8%	4.4%	77.0%			2015	0.7%	49.1%	184	53.3%	85,000
2016	2.5%	75.1%	3.0%	82.2%			2016	2.1%	52.2%	188	56.7%	85,000
2017	2.8%	80.0%	1.5%	84.9%			2017	2.1%	55.4%	192	60.0%	85,000
2018	2.0%	83.6%	0.6%	86.1%			2018	1.9%	58.4%	196	63.3%	85,000
2019	2.8%	88.7%	-4.0%	78.6%			2019	2.3%	62.0%	200	66.7%	90,000
2020	-0.4%	87.9%	1.4%	81.1%			2020	1.6%	64.6%	204	70.0%	90,000
2021							2021	1.3%	64.1%	204	70.0%	90,000
2022							2022	5.9%	74.3%	208	73.3%	90,000
							2023 est	2.0%	77.8%	208	73.3%	90,000
							2023 est	2.0%	77.8%	212	76.7%	90,000
							2023 est	2.0%	77.8%	214	78.3%	90,000

Explanatory Notes:

- American Association of University Professors (AAUP) (<https://www.aaup.org/our-work/research/FCS>) data: Percentage increase in average nominal salaries for institutions reporting comparable data for adjacent one-year periods
- AMS Survey: Percentage increase in weighted mean salary for tenured and tenure-eligible faculty in doctoral departments.
- For the 2019 Salary Survey, the addition of a new section on compensation for part-time and paid-by-the-course instructional staff resulted in some salary figures being reported incorrectly.
- CPI-U data: Based on the Dec. to Dec. annual change in the index, with an estimate for 2023 (previous 10 years).
- The Social Security Administration website (<https://www.ssa.gov/cola/>) was used for CPI-U projections.

American Mathematical Society Committee on Science Policy Annual Report

The AMS Committee on Science Policy (CSP) met March 23-24, 2021. The meeting was held virtually, due to the COVID-19 pandemic.

Deborah Lockhart (retired) is chair of the committee in 2021.

Committee Actions:

1. A subcommittee was formed in 2018 to conduct a comprehensive review of the AMS National Policy Statement and to potentially draft a new statement for consideration by AMS Council. This effort is still underway and a new subcommittee was formed at this year's meeting to continue this work. As part of this work, CSP passed a motion recommending that Council strike the last section of the AMS National Policy Statement. This is the section titled "Toward the year 2000." This was presented to Council at its April 2021 meeting. Council accepted this recommendation. The statement is found here: <http://www.ams.org/about-us/governance/policy-statements/sec-nat-policy>
2. A subcommittee was created at the 2019 CSP meeting to review the AMS Public Policy Award to determine if the AMS should make these awards in the future. This award was established in 2007 on the recommendation of CoProf and approved by the Council, but has never been given for various reasons. The subcommittee proposed to abolish this award. Their motion failed at the 2020 CSP meeting. A new subcommittee was formed to continue the examination of the award and make a recommendation to CoProf. At the 2021 CSP meeting, it was decided that the CSP recommends that AMS decline to go forward with the Public Policy Award. CoProf was informed of this recommendation.
3. In spring 2019, a joint subcommittee between COMC and CSP formed to consider whether or not the AMS should revise policies having to do with selection of sites for Sectional meetings. In 2020, COMC met a few weeks before CSP and requested that the work for this subcommittee continue. CSP agreed to this, however the CSP member was not included in the conversations. At the 2021 CSP meeting, the committee discussed COMC recommendations, and has no formal input.
4. Each year the AMS sponsors a mathematician to serve as the AMS Congressional Fellow. Dr. A.J. Stewart is the AMS congressional Fellow for 2021-2022. He is working in the office of Senator Raphael Warnock (GA). A subcommittee of CSP was formed to help with the selection process for the 2022-2023 Fellow.
5. A subcommittee was formed to plan for the CSP panel at the JMM in Seattle, WA in 2022. The panel is entitled "What's after science policy? – *How getting involved in science policy enhances careers.*"
6. A subcommittee was formed to help recruit a diverse pool of applicants for the AMS Congressional Fellowship program.
7. At the 2021 CSP meeting, the committee heard from NSF Assistant Director Sean Jones. A very lively discussion followed. A subcommittee was formed to write a summary of CSP ideas, that AMS Government Relations Director Karen Saxe will deliver to Dr. Jones in a follow up meeting.

Previous reports, the committee charge, and the current committee roster are available on the CSP webpage: www.ams.org/about-us/governance/committees/csp-home

*Submitted by Karen Saxe
Associate Executive Director for
Government Relations
April 26, 2021*

American Mathematical Society Committee on Education Annual Report

The AMS Committee on Education (CoE) met September 30 – October 2, 2021. The meeting was held in a hybrid format with both in-person and virtual attendance options.

Committee Actions:

- A subcommittee was formed to investigate systemic change in graduate education in the mathematical sciences.
- A subcommittee was formed to plan for the CoE 2022 Mini-conference on Education and a CoE-sponsored panel at the JMM in Boston, MA in 2023. In addition, this subcommittee will propose a 3-5-year vision—identifying audience, structure, and desired outcomes—for the CoE mini-conference.
- A standing committee—on teaching faculty and teaching assistants—was formed.
- A subcommittee was formed to facilitate a town hall on the status of K-12 mathematics education. In addition, this subcommittee will consider drafting a statement for AMS.
- Each year, CoE appoints a subcommittee to review portions of the AMS education portfolio. In 2021, a subcommittee was formed to review K-12 and undergraduate mathematical sciences education activities at the AMS.
- A CoE member was appointed to serve as AMS representatives for the American Association for the Advancement of Sciences (AAAS) Section Q on education.
- A CoE member was appointed as the federal education policy liaison.
- A CoE member was appointed to the AMS JMM Lecture on Education Selection Committee.
- A subcommittee of the Committee on Science Policy (CSP) was formed in 2018 to conduct a comprehensive review of the AMS National Policy Statement and to potentially draft a new statement for consideration by AMS Council. The statement was written in 1994; in 2021 minor changes were made, but this effort is still underway. Two CoE members were appointed—to collaborate with CSP—to review the current statement's education sections and potentially draft new sections on education, to be included in the statement.

Previous reports, the committee charge, and the current committee roster are available on the CoE webpage: <https://www.ams.org/about-us/governance/committees/coe-home>

*Submitted by Katherine Stevenson
CoE Chair
November 15, 2021*

2021 Annual Report
AMS Committee on Meetings and Conferences (CoMC)
Division of Meetings and Professional Services (MPS)

The Committee on Meetings and Conferences (COMC) met on March 6, 2021, by videoconference and was chaired by Martin Bridgeman of Boston College (term February 1, 2021 – January 31, 2022).

Much of the CoMC meeting was devoted to reporting changes of the reimagined 2022 Joint Mathematics Meetings (JMM) and brainstorming about the future of AMS meetings following reporting on the 2020 virtual Fall Sectional Meetings and the 2021 virtual JMM. Catherine Roberts, AMS executive director, reported that the Mathematical Association of Mathematics (MAA) decided to organize three events for the 2022 JMM, the Porter Lecture, Project NeXT activities, and the AMS MAA SIAM Hrabowski-Gates-Tapia-McBay (HGTM) Lecture. Committee members expressed concern about the MAA type programming following MAA's withdrawal from the JMM and provided ideas to attract more proposals from the mathematical community to diversify the JMM program. Boris Hasselblatt, AMS secretary, informed CoMC that the 2022 Erdős Lecture, traditionally scheduled as part of the sectional meetings, will be an expository lecture targeting undergraduates during the 2022 JMM. Committee members weaved lively dialogue about offering in-person, virtual, and/or hybrid modes for future meetings throughout the meeting.

Ruth Charney, AMS president, led a discussion about 2021 JMM events promoting equity, diversity, and inclusion to brainstorm policies and activities the AMS might adopt or implement to broaden participation at AMS meetings. She informed CoMC that increasing diversity in the AMS has been a top priority of the Society. She explained the task force's work which was constructed to study the history of the AMS and make recommendations to increase diversity and serve a broader community. Ruth Charney mentioned that meetings are an obvious point to draw more people into the AMS and invited the committee to think about actions the AMS could take to make meetings more attractive to a diverse group. The committee recommended the following:

- Ensure speakers who are invited to give talks represent the broader community.
- Make sure the activities offered at these events are appealing to a broader audience.
- Make events more accommodating to participants with time and financial constraints. Sectional meetings, by virtue of the regional locations and weekend schedule, have fewer of these constraints. Reenvision sectional meetings to have more activities to draw in a diverse audience.
- This committee seems homogenous; get mathematicians of color involved in the organization of the AMS. Welcome more diverse mathematicians into the organization and allow them an opportunity to build the organization. Reach out to active younger mathematicians on social media and bring them into the AMS with the idea that they have a stake in building the AMS.
- Actively invite mathematicians into the community, but do not ask them for proposals. Let them do whatever is best for their audience.
- Encourage organizers of special sessions to showcase diverse speakers within normal programming instead of having separate events.

- Publish proceedings of special sessions online. Participants should feel more included in social events.
Society for Industry and Applied Mathematics (SIAM) does a workshop, *Celebrating Diversity*, which encourages people to talk to people they do not know.
- AMS should also consider conducting a climate study.
- AMS should zoom in on efforts to include HBCU faculty and students.
- Solicit assistance from NAM and/or Mathematical Gifted and Black (MGB) involvement during sectional meetings. AMS could encourage organizers to choose speakers from the MGB list to give talks. Invite the speakers to take up space in this professional setting without constraints.

CoMC's annual review topic this period was studying and addressing issues surrounding #DisruptJMM organized by Piper H. The subcommittee discussed the call to action constructively by reaching out to members of the mathematical community to determine ways the JMM could be more welcoming. Stephan García reported ideas from the broader community, and CoMC members offered methods to address some of the community's concerns. These methods included: AMS should inform selection committees to be more diverse in their selection processes, having a larger venue at JMM to discuss issues impacting marginalized mathematicians, AMS being more open about serving a larger community, one year without inviting speakers from R1 institutions at JMM, and a high-profile panel discussion on the main stage. In addition, the subcommittee included a report on the hurt that resulted from the delay in naming the new Fellowship for a Black Mathematician.

In other business, CoMC created a subcommittee, Broadening and Diversifying AMS Programming at Meetings, and Virtual/In-person Meetings as the topic for its next annual review.

ECBT and Council Action:

The MAA SIAM AMS Hrabowski-Gates-Tapia-McBay (HGTM) Lecture was previously organized by MAA and co-sponsored by SIAM and AMS. MAA has decided to withdraw from the MAA AMS Invited Address. As a result, the MAA SIAM AMS Hrabowski-Gates-Tapia-McBay Lecture and panel event will be elevated to the main ballroom for the 2022 JMM and beyond. Catherine Roberts and Boris Hasselblatt presented a charge for the MAA SIAM AMS HGTM Lecture that is similar to the Porter Lecture. As a result of its discussion, COMC recommended that Council approves the proposed charge for the MAA SIAM AMS Hrabowski-Gates-Tapia-McBay (HGTM) Lecture recognizing it as a MAA, SIAM, and AMS joint lecture with shared responsibilities.

2021 Semi-annual Report AMS Committee on Meetings and Conferences (CoMC)

In its March 2021 annual meeting, CoMC voted to include a 2-hour semi-annual meeting to become nimbler and more effective, as well as provide the subcommittees an opportunity to give a mid-year report.

The Committee on Meetings and Conferences (COMC) held a semi-annual meeting on September 14, 2021, by videoconference chaired by Martin Bridgeman of Boston College (term February 1, 2021 – January 31, 2022).

Martin Bridgeman reported that in April 2021, CoMC conducted business by mail to approve organizing a CoMC panel at the 2022 Joint Mathematics Meeting (JMM). The panel, "Holding AMS Sectional Meetings in Localities with Discriminatory Practices," is scheduled for January 8, 2022, at 8:00 am. Boris Hasselblatt, AMS secretary, presented two discussion items. He explained MathSafe – a collaborative project with the Joint Policy Board for Mathematics (JPBM), initiated during Jill Pipher's presidency and motivated in large part by concerns about safety at the 2022 International Congress of Mathematicians (ICM) scheduled July 6 – 14, 2022 in Saint Petersburg, Russia. CoMC members were invited to participate in and review a MathSafe pilot program set for the 2022 JMM. Martin Bridgeman, Ruth Charney, AMS president, and Boris Hasselblatt volunteered to participate in the MathSafe training and review. In other business, CoMC discussed JMM plenary events, and decided to continue the discussion at the next CoMC meeting.

ECBT and Council Actions:

Modifying the structure of the JMM Program Committee. Since the MAA decided to no longer partner with AMS in organizing the JMM, the associate secretaries accepted sole responsibility for organizing the scientific portion of the JMM. For this reason, Council created two committees, the Committee on Special Sessions and Contributed Paper Sessions (CSSCPS) and the JMM Program Committee (JMMProg).

In order to give more representation to our level A partners (place level A partner's names here) serving on the JMMProg Committee, the following change is recommended to the current committee member definition:

- Increase representation for each level A partner society from one member (current) to up to two members.

CoMC unanimously voted to recommend that Council approves the change to the JMM Program Committee charge.

AAAS AMS Invited Address. In its January 2021 meeting, the AMS Liaison Committee with the American Association for the Advancement of Science (AAAS – triple A, S) addressed the idea of creating a AAAS presence at JMM beginning in 2022. The group approached the AMS Executive Director about hosting a AAAS AMS Invited Address with the premise that

the invited address would be a more accessible talk than the typical experience from AMS Invited Addresses. A description of the AAAS AMS Invited Address was prepared by Ken Ono, AAAS Section A (Mathematics) Chair, and Boris Hasselblatt.

CoMC unanimously voted to recommend that Council approve the description of the AAAS-AMS Invited Address.

Statements to support in-person meetings. Judy Walker, Chair of the AMS Board of Trustees, referred to CoMC a request for the AMS to consider drafting language explaining the advantages of in-person meetings and conferences. Noting that mathematicians can provide language to administrators and supervisors to justify supporting their attendance for in-person conferences, especially if there is a virtual option. A motion was proposed to initiate drafting a statement in support of in-person meetings. The motion passed unanimously by the committee, and a subcommittee was formed including Ruth Charney, Stephan Garcia, Boris Hasselblatt, and Steven Weintraub. The subcommittee plans to complete their work in time to present a statement in support of in-person meetings at the January 2022 Council meeting.

The next annual CoMC meeting will be held on February 26, 2022, at the AMS headquarters in Providence, RI.

Torina Lewis
Associate Executive Director, MPS
October 2021

The JMM Program Committee

General Description

The committee has eight or more members defined as

- One member of the Secretariat
- One member of CoMC
- Six at large members appointed by the President, in consultation with the Secretariat; members should be chosen to reflect the full spectrum of interests and values of the community
- At most two members from each level A society, as decided by that society
- The Chair is appointed by the President
- Terms are one year, renewable

Principal Activities

The committee

1. Reviews proposals for panels, workshops and other events.
2. Maintains an overview of the scientific/educational/professional portion of the meeting and how events coordinate to achieve meeting goals.
3. May propose to invite the organization of a special event, such as a minicourse or tutorial.

Authorization

04 January 2022 Council, Item 4.6.1. The number of members from each level A society was changed from one to at most two members.

25 April 2020 Council Minutes, Item 4.5.2.2. Committee was created and charge was approved.

AAAS-AMS Invited Address Selection Committee

General Description

- Committee is joint and standing.
- Number of members is four; two from each organization.
- Term is three years.

Principal Activities

The AAAS-AMS Invited Address Selection Committee will select the lecturer for the AAAS-AMS Invited Address to be given each year at the Joint Mathematics Meetings.

AAAS-AMS Invited Address Description:

The American Association for the Advancement of Science (AAAS), the largest general scientific society in the world, seeks to advance science, engineering, and innovation throughout the world for the benefit of all people. To support this mission, Section A (Mathematics) of AAAS co-organizes the AAAS-AMS Invited Address to be delivered at the Joint Mathematics Meetings. Speakers will be mathematical scientists who embody the importance of mathematics in improving the human condition. In addition to the scientific merits of the address, this event offers a forum for raising the awareness of AAAS within the AMS membership.

The chair of the committee will rotate between AAAS and AMS with an AAAS representative chairing for the selection of the 2023 AAAS-AMS Invited Address speaker.

Miscellaneous Information

The business of this committee can be done by mail, electronic mail, or virtual meeting, expenses for which may be reimbursed by the Society.

Note to Chair

Committee chairs should be informed, at the beginning of each fiscal period, the budget of their committees and cautioned to remain within the budget. Such items as travel reimbursement to, accommodations for, and meals for guests of any kind fall within these budgets. Support for the speaker will be shared among the two societies and will follow the practices in effect at the time, with extra consideration given toward providing the selected speaker with an honorarium.

Work done by committees on recurring problems may have value as precedent or work done may have historical interest. Because of this, the Council has requested that a central file system be maintained for the Society by the Secretary. Committees are reminded that a copy of everything should be deposited (say once a year) in this central file. Confidential material should be noted, so that it can be handled in a confidential manner.

Authorization

January 2022 Council; Item...

Current and Past Members

URI to be added.

Committee on Publications (CPub) 2021 Annual Meeting SUMMARY REPORT

A meeting of the AMS Committee on Publications (CPub) was held on Friday and Saturday, September 24-25, 2021 at AMS Headquarters in Providence, RI and via Zoom web conference. Steven Bradlow, chair, presided.

Actions taken by CPub:

- **Minutes of Business by Email**

The December 29, 2020 minutes of business by email were approved. The business conducted was to approve the minutes of the October 16, 2020 CPub meeting.

- **AMS Compliance with the Committee on Publication Ethics ([COPE](#))**

The AMS is applying for membership to COPE with the goal of providing enhanced guidance and support to journal editors handling infringements of publication ethics. To become a COPE member, certain criteria for transparency and best practices in publishing must be met. Toward this end, Associate Executive Director for Publishing, Robert Harington presented the following draft policies for authors, editors and reviewers and requested CPub's endorsement for adoption:

1. Author Name Changes
2. Authorial Integrity Policy
3. Authorship Policy
4. Process for Filing, Investigating, Communicating Results, & Appealing Claims
5. Removal of Offensive Material Policy
6. AMS Reviewer Rights & Responsibilities

CPub endorsed implementing these publishing policies (with revisions) for recommendation to Council.

- **Action Required for *Communications of the AMS* (CAMS)**

The AMS bylaws state that the chairs of AMS primary journal editorial committees are automatically appointed to Council as voting members. Since CAMS will be considered a new AMS primary journal, CPub was asked to consider if the journal's two co-chairs (co-editors-in-chief) should both be made Council members.

Since CAMS will be considered a primary journal, the required action is to change the AMS Bylaws accordingly in several places. The discussion moved in the direction of approving changes to the Bylaws. Subsequently, CPub acted (via email) on specific change proposals drafted by Secretary Hasselblatt for recommendation to Council.

- **CPub Sponsored Panel at the Joint Mathematics Meeting (JMM)**

CPub approved sponsoring a panel on Doubly Anonymous Refereeing at the 2023 JMM.

- **Modifying the *Journal of the AMS (JAMS)* Statement of Scope**

Stemming from the 2019 Report of the CPub Subcommittee Reviewing the Primary Journals (CPub Agenda 2020 item 3.4.3), former CPub Chair Douglas Arnold (2020-2021) consulted with JAMS Managing Editor Pavel Etingof regarding CPub's recommendation to modify the JAMS statement of scope. In response, the JAMS Editorial Board prepared and submitted a recommendation to CPub to modify the statement of scope by replacing "...all areas of pure and applied mathematics" with just "mathematics," such that the statement will read, "This journal is devoted to research articles of the highest quality in mathematics."

CPub approved the editorial board's suggested change to the JAMS statement of scope and moved to recommend the revised statement to Council for approval.

- **Increasing the Editorial Board Size of *Transactions of the AMS (TAMS)***

CPub was asked to consider a proposal from TAMS Managing Editor Dan Abramovich to increase the number of TAMS/MEMO editorial board members from 21 to 30 editors, reorganize its sections, and redistribute allotted pages.

CPub endorsed the proposal to increase the size of the TAMS/MEMO editorial board from 21 to 30 editors for approval by Council, provided that the entire TAMS/MEMO editorial board approves of the increase. Subsequently, all 21 TAMS/MEMO board members approved of the increase.

- **Submission Statements for AMS Research Journals (Agenda Item 5.1.2)**

Submission statements for AMS research journals contain the statement:

"The author should suggest an appropriate Editor to review the paper."

CPub was asked to suggest and consider an alternative statement to clarify that editor consideration is, in itself, peer review, and desk rejects are thus appropriate.

- **Modifying the Journal Overviews to Reflect Quick Reject (Agenda Item 5.1.3)**

Most AMS journal overviews start with the statement, "All articles submitted to this journal are peer-reviewed," and the following statement is also displayed on the main journal page <https://www.ams.org/journals>:

All articles submitted to journals published by the AMS are peer-reviewed.

CPub was asked to consider changing these journal overview statements to reflect the practice of quick reject and the future incorporation of doubly anonymous review.

Notes for Agenda items 5.1.2 and 5.1.3: CPub did not take any action on these two agenda items and after discussion, moved to form a subcommittee tasked to consider if these statements should be changed, and if so, why.

- **Review of AMS Member Journals**

This year, the AMS members journals, *Abstracts of the AMS*, *Bulletin of the AMS*, and *Notices of the AMS* were reviewed. Review subcommittee members indicated that groundwork on the review was completed and provided a brief overview to the committee. Since the subcommittee chair had not yet had an opportunity to comment on it, the subcommittee's report was not submitted for inclusion in the agenda.

Subcommittee work will continue with the expectation that the finalized report will be circulated via email to CPub by January 2022 for review and consideration of any recommendations.

Discussion items and informational reports provided by staff:

- **Overview of AMS Policies:**
 1. [AMS Conflict of Interest Policy for Officers and Committee Members](#)
 2. [AMS Statement on Equity, Diversity and Inclusion](#)
 3. [AMS Policy on a Welcoming Environment](#)
 4. Society Governance
 5. The Role of the Committee on Publications and its [Charge](#)
- **Report from the AMS Executive Director**
- **Report from the Task Force Co-chair, Kasso Okoudjou**
- **Report from the AMS Publisher**
- **Report from the AMS Executive Editor for Mathematical Reviews/MathSciNet®**
- **Open Access updates from the Associate Executive Director for Publishing**
- **Establishing a Data Repository for Code and other Files Associated with AMS Journal Papers**
- **Additional Topics for Immediate or Future Consideration**
 1. Could CPub consider its ambit to include video for publication, e.g. video abstracts for journal articles and videos of lecture series or courses.
 2. Robert Guralnick (Committee member, University Lecture Series) suggested that an expedited screening process be implemented for the *University Lecture Series*.

Other Business:

- **2022 Annual Review**

CPub's charge calls for reviews according to the following schedule:

 - Year 1: AMS Book Program
 - Year 2: Primary Journals (JAMS, MCOM, PAMS, TAMS)
 - **Year 3:** Member Journals (*Bulletin, Notices, Abstracts*) and All Other Journals (electronic only, translation, and distributed journals)

In accordance with the CPub review schedule, a review of the AMS Book Program will take place in 2022.

- **Next Meeting**

The next CPub meeting will be held *September 16-17, 2022* at the AMS Headquarters in Providence, RI.

Produced by:
Steven Bradlow
Chair, Committee on Publications
Robert M. Harington
Associate Executive Director, AMS Publishing (CPub Liaison)
December 1, 2021

Author Name Changes

The AMS will facilitate author name changes after publication:

- Requested name changes may be made directly in the article, without the need for a formal correction.
- Authors may request name changes with or without a note or indication, within the article or otherwise, that a change has been made. The presence or wording of any notification of a change will be agreed in consultation with the author, and need not detail the nature of the change.
- The AMS respects the right to privacy of those involved.
- The AMS will authenticate the requester's identity by asking them to log in to the AMS submission and peer review system to make the requested change there.
- Once the update is complete, all co-authors on the manuscript (if not the requesting author) will be informed that a change has been made to their paper. This notification will be carried out only with express permission from the requesting author and with due sensitivity. Updated article meta-data should be resupplied to indexers.
- The AMS will retain an original copy of the article to ensure that changes have been made accurately, and to be able to demonstrate what versions of the article have been published at any given point, should that be required (e.g. for legal purposes). The original version will not be made publicly available.

September 2021

Authorial Integrity Policy

This document is intended as an overview of AMS's policies and procedures related to authorial integrity and integrity of research and data, meaning intellectual honesty and personal responsibility for distinguishing between the work of others and one's own work. These policies apply to all of AMS's publications, including journals, conference proceedings, books, and *AMS Notices*. They cover materials that are submitted, in review, accepted for publication, or already published in an AMS publication.

AMS considers two specific violations of authorial integrity to be misconduct: plagiarism and duplicate publication (sometimes called "self-plagiarism"). It is the responsibility of every author who submits a book, paper, or article to AMS to avoid plagiarism and duplicate publication. It is the responsibility of editors, referees, and members of book editorial boards to ensure that the highest standards of authorial integrity are maintained.

The AMS Committee on the Profession also includes this statement including ethical guidelines for AMS editors, referees, and authors: <http://www.ams.org/about-us/governance/policy-statements/sec-ethics>.

Authorial Misconduct

Plagiarism

The most common form of authorial misconduct is plagiarism, for which there is no single accepted definition. In the context of research proposals, the U.S. National Science Foundation defines plagiarism broadly as "the appropriation of another person's ideas, processes, results, or words without giving appropriate credit" (45 Code of Federal Regulations, Section 689.1). Material can be plagiarized even if it is publicly available (e.g., posted on the Internet). In scientific publications, plagiarism normally requires a knowing misrepresentation, explicit or implicit, of someone else's work as one's own.

Plagiarism arises in a range of forms that vary widely in ease of identification. The form of plagiarism that is most straightforward to identify involves verbatim or near-verbatim copying, or very close paraphrasing, of text, figures, images, tables, graphs, or results from another's work. The AMS utilizes plagiarism software to highlight potential instances of plagiarism. A report from the service accompanies each paper into peer review for an editor's examination.

The least clear-cut form of plagiarism (and the subject of the most complaints to AMS) is an inadequacy of relevant citations, i.e., insufficient acknowledgement of the work of other authors. Allegations of this form of plagiarism often arise when authors include or mention results originally obtained by others without citing the associated publications. AMS's assessment of whether an inadequacy of citations constitutes plagiarism will involve questions such as:

- Does the omission of citations give a false or misleading impression that the author is the originator of the relevant results?
- Was the author aware of the work that they omitted to cite?
- Are results in the omitted citations essential to the work presented in the author's paper?
Are the results in question regarded as common knowledge in the AMS community?

Duplicate Publication

A related form of authorial misconduct is duplicate publication, meaning unacceptably close replication of the author's own previously published text, figures, images, tables, graphs, or results without acknowledgment of the source. This is sometimes called "self-plagiarism".

AMS applies a "reasonable person" standard when deciding whether a submission constitutes duplicate publication. If a few identical sentences previously published by the current author appear in a subsequent work by the same author, this is unlikely to be regarded as duplicate publication. In contrast, it is unacceptable for an author to include significant verbatim or near-verbatim portions of their own work, or to depict their previously published results as new, without acknowledging the source.

Notify AMS of Any Plagiarism Issue

AMS may receive complaints or allegations of plagiarism from a variety of sources. When discovered in the review process, it is often a referee or editor who first hears of allegations. The purpose of this section is to identify the appropriate people to be notified when any claims of plagiarism or charges of author misconduct are raised.

Any person receiving information about charges of plagiarism or author misconduct should notify the Director of Journal Production who will notify the Associate Executive Director of Publications. The managing editor(s) of the publication in question and the authors involved will typically also be informed.

The initial notification is the same in all three cases:

- Allegations that an author of an AMS-published paper or book is guilty of plagiarism.
- Allegations that an AMS author's work has been copied and published by someone else, even if the offending work is published elsewhere.
- Concerns about a paper or book under review raised by an editor or reviewer.

Notification should be sent via email, detailing the concerns or allegations. Information required to substantiate these claims may include a detailed description of the alleged violation(s), citations to the material in question, and any other relevant information that would help resolve the issue. Copies of the material and/or links to websites on which they appear may be required as well.

Process for Examining Claims of Author Misconduct

Once a complaint or allegation is received and sufficient information is provided, the following steps will be followed:

1. The AMS Associate Executive Director of Publications will first ask the managing editor of the publication in question to look into the issue and report back on the merits of the allegations. The editor may inform the corresponding author of allegations and seek a response. Issues of inadequate citations, when not intentional and not egregious, may be resolved at this level in a way that satisfies all parties if this process occurs prior to final publication.
2. If further investigation is warranted (the issue is deemed serious and can't be resolved by all parties) and there is sufficient information to proceed, the AMS Associate Executive Director of Publications will assemble a group of experts to examine the allegations. The AMS Associate Executive Director of Publications will coordinate this action with the appropriate people (journal managing editor, book series editor, etc., as appropriate) and may ask one of those people to lead the investigation process. The committee investigating the claims will file a formal report with the AMS Associate Executive Director of Publications that provides expert judgment on the validity of claims.
3. Once the report is submitted, the AMS Associate Executive Director of Publications may pursue a variety of remedies, in consultation with the AMS Committee on Publications (CPub), if the allegations are found to be valid by the ad hoc committee. Note that the formal investigation only occurs if the editor-in-chief is unable to resolve the issue among the parties directly involved. The results of the formal investigation will be shared with the parties directly involved, and an attempt will be made to once again resolve the issue at the lower level. If the issue cannot be resolved at the lower level, and if the reviewing committee determines that author misconduct of any kind occurred, then further action must be taken.

For a paper or book in review, further action may include outright rejection of the manuscript for publication. It could even include, in extreme circumstances, involving the offending author's institution (but only after suitable legal review by AMS's counselor).

The case where the offending material has already been published is more serious, as one must ensure that scholarly records remain correct.

If the offending material has already appeared in an AMS publication, then additional steps may be required. These steps might include publishing a formal notice (with or without the consent of the plagiarizing author) that states the facts about the source of the work and provides the appropriate citations to that work. If the error is found to be unintentional, minor, and correctable, a correction will be published that indicates which parts of the work appeared earlier and providing the citations to that work.

If errors are present in a large portion of the paper and/or affect the conclusions of the paper, it may be necessary to issue a retraction.

The AMS office may need to contact the publisher of the original work and inform them of the problem and its resolution. That publisher may request additional remedies.

Results will be communicated via e-mail to both parties (the person who filed the complaint and the author alleged to have committed plagiarism). Further consequences may include notification of institutional authorities and possible loss of publishing privileges.

For further information, please refer to this [flowchart](#) from the Committee on Publication Ethics (COPE).

Link to Guidelines for Journal Editors:

<https://www.ams.org/about-us/governance/policy-statements/sec-guidelines-jrl-editors>

September 2021

Authorship Policy

Order of Authorship

Authors are often listed in alphabetical order.

Any changes in authorship (order, addition, deletion) should be discussed among and approved by all authors.

Any requests for such changes after initial manuscript submission should be explained in writing to the editor in a letter signed by all authors or an email with copy to all authors.

Requests to add or remove authors after publication are rarely justified.

Corresponding Author – Roles and Responsibilities

- Serves as primary correspondent for all co-authors.
- If the manuscript is accepted, the corresponding author is responsible for:
 - Ensuring accuracy of the manuscript, author byline, funding notice, conflict of interest statement, etc.
 - Reviewing edited manuscript/proof, consulting co-authors as needed to compile one set of changes
 - Serving as primary correspondent on any post-publication communications, including corrections

Non-Author Contributors

Contributions to the following are recommended to be recognized in the acknowledgements (permission should be obtained before inclusion):

- General advice, review, guidance, supervision
- Data collection or analysis
- Research or technical assistance
- Writing, editorial, or bibliographic assistance
- Clerical assistance or manuscript preparation
- Financial, material, and grant support

AMS Process for Filing, Investigating, Communicating Results, and Appealing Claims

Filing a Claim

Any individual is entitled to make a formal claim that a violation of a policy has occurred. It is not necessary for a claimant to have any formal relationship (e.g., author, reviewer, program committee member) to the Work that is claimed to be in violation of AMS Publications Policy, nor is it required that the claimant be a member of AMS; however, it is necessary that the claim involves an AMS work.

In order to make a formal claim that a violation has occurred, the claimant should:

- identify themselves (i.e., anonymous reports are not considered),
- indicate whether there is or is not a formal relationship to the Work (e.g., author of violated work, reviewer, or editor of violating Work),
- provide a detailed written description of the claim,
- provide detailed evidence supporting the claim,
- any other information that would help AMS efficiently to investigate the claim.

Claims should be submitted to:

Robert Harington, Associate Executive Director of Publications, rmh@ams.org

Investigating Claims

Provided the minimum information required has been provided in writing, AMS will investigate a claim of Publications Policy violations. AMS will take some or all of the steps outlined below based on the circumstances of each individual case. AMS reserves the right to close an active investigation if additional information is requested but not provided by the claimant.

Some or all of the investigation steps to be taken:

- Upon receipt of a claim that this Policy has been violated, AMS will review the submitted claim and supporting documentation. If any additional documentation is needed AMS will request that documentation from the claimant, who shall provide that documentation to AMS before the formal investigation can proceed.
- When AMS formally opens an investigation into a claim the Associate Executive Director of Publications will inform appropriate AMS Governance and Publications staff.
- The managing editor (for journals) or series editorial committee chair(s) (for books) shall take the lead on the investigation and shall notify appropriate parties that a claim has been received and an investigation has been initiated. If the managing editor or committee chair(s) are unwilling, unable, or conflicted with the claim, the Committee on Publications (CPub) chair(s) shall take the lead on the investigation and shall follow the same steps outlined here, as appropriate.
- A manual review of the materials will be conducted.
- The Journal Managing Editor will notify the accused that a claim has been submitted but will keep the identity of the claimant confidential as outlined by policy. AMS will provide

as much supporting documentation as possible to the accused without breaching confidentiality.

- The accused will be allowed to respond to the claim in a timely manner and provide supporting documentation. The accused's response will inform the next steps to be taken by AMS.
 - If the accused denies the details of the claim AMS will continue to investigate.
 - If the accused admits that the violation occurred and waives the right to appeal AMS's decision, then AMS will move to the penalty phase of the case.
- As appropriate and/or necessary AMS legal counsel may be consulted.
- The managing editor in collaboration with AMS staff will communicate with the individuals involved on both sides to update them on the status of the investigation and to inform both sides of decisions taken by AMS with respect to the claim(s).

Communicating Results of Investigations

Once a decision has been reached in relation to an allegation, that decision will be communicated to all parties immediately by the AMS Associate Executive Director of Publications or by the managing editor(s) or series committee chair(s), as appropriate. Upon notification, the investigative phase will be deemed to have ended, and there will be no further communication with any party by AMS unless there is an appeal to the AMS President.

Once a determination has been reached that decision will be communicated in writing to all affected parties by the AMS Associate Executive Director of Publications.

In all cases, if a violation has been found, all parties will be informed of the penalties and the actions to be taken.

Upon notification, the investigative phase will be deemed to have ended, and there will be no further communication with any party by AMS unless there is an appeal to the AMS President.

Confidentiality Rights of Stakeholders

All aspects of an investigation are treated with the utmost regard for confidentiality. The names and contacts of the person(s) making a claim and their relationship to the allegation will be kept strictly confidential and used only for the purpose and duration of the investigation.

However, to ensure timely and effective resolution, details of a claim may be circulated to individuals on a need-to-know basis. As part of the investigation, it may be necessary for AMS to contact current and/or past employers of the accused. Additionally, some institutions have specific requirements for their employees to disclose any pending legal/ethical matters. If either the claimant or accused's institutions contact AMS to request information regarding the investigation, it is AMS's policy to disclose that a claim has been received and to indicate whether a formal investigation is ongoing but to restrict the amount of information that is shared at AMS's discretion. If AMS is contacted with an official request to provide evidence, documentation, and/or testimony for a related judicial proceeding, AMS will comply with such a request.

Stakeholders Right of Appeal

All claimants and the accused have the right to appeal official decisions. All appeals must be in writing to the AMS President no more than 30 days from the date of notification, with a copy sent to the AMS Associate Executive Director of Publications. An appeal must contain new material that was not already evaluated or substantive information that might lead the AMS President to issue a different decision than the one initially made.

If no appeal has been requested, the decision shall stand and the appropriate penalties shall be implemented.

In the event an appeal has been requested, the AMS President's decision shall be final and once communicated to the parties, the decision shall be carried out with both parties being notified of the final decision within 120 days.

September 2021

Removal of Offensive Material Policy

Offensive images and other materials are not appropriate for publication in AMS publications.

AMS journal Managing Editors are the content decision-makers for their respective publications. This editorial freedom—and responsibility—is all-encompassing, and on occasion may involve ruling on editorial content (be it text, imagery, video, audio, etc.) that may violate the standards of our community.

The AMS defines inappropriate content as explicit/exploitive, obscene, or degrading images/pictures/illustrations, video, audio, or text.

If a Managing Editor of an AMS journal believes that the use of some material (text, images, etc.) may offend AMS readers, there will be an exchange with the authors on potential alternatives that may be identified to express the same results. Unless the authors can make convincing arguments that the particular material is essential to convey the scientific contribution, it is expected that the material be replaced prior to review and further consideration for publication.

September 2021

AMS Reviewer Rights and Responsibilities

Responsibilities of AMS Reviewers

- Reviewers are obliged to treat the author and the manuscript with respect. When reviewers have a conflict of interest with the research or its sponsors, or for some other reason would be unable to judge it fairly, they must make it known to the editors or recuse themselves.
- Reviewers should not contact the author(s) directly.
- Reviewers should not disclose that they are performing a review.
- Reviewers should provide an honest and constructive assessment of the value of the manuscript. An appropriate assessment includes an analysis of the strengths and weaknesses of the study; suggestions on how to make the manuscript more complete, relevant, and readable; and specific questions for the authors to address to make any revision of the manuscript acceptable and useful to the intended audience. Whenever possible, complete citations should be provided for important work that has been omitted.
- Reviewers must maintain confidentiality about the manuscripts they review. Using manuscripts before they are published, or otherwise made publicly available, is inappropriate. Sharing the data with colleagues is equally inappropriate, as is reproducing the manuscript for any purpose. If reviewers wish to use information from a manuscript that has been accepted for publication, they should ask the Editor to contact the author(s) for permission.
- Reviewers must not use the peer-review process as a means to further their own research aims, specifically by requiring authors to respond to questions that are interesting to the reviewers but that the study was not designed to answer or by suggesting that the editor reject work that contradicts or is in conflict with their own. Reviewers must also not use the peer-review process or recommend acceptance simply to further the careers of their students or colleagues.
- Reviewers who receive invitations to review manuscripts with which they have a clear conflict of interest should decline the invitation and reveal the specific conflict of interest. Conflicts of interest can be defined as sets of conditions (such as academic competition or particular philosophic values and beliefs) that could result in a biased or unfair evaluation of the manuscript. The Editor may deliberately choose a reviewer with a known stance on a particular issue in order to obtain a balanced review of the manuscript. Reviewers who have any questions in this regard should consult with the Editor.
- Reviewers who have reviewed a manuscript before for another journal should inform the Editor before they complete the review. The Editor can then decide whether a re-review is appropriate.
- Unless appropriate, reviewers should resist the temptation to use their reviews as an opportunity to suggest that their own published work be referenced.
- Reviewers who receive a request to review a manuscript and cannot do so within the specified time period should decline the request.
- Reviewers who agree to review a manuscript must complete their reviews within the specified time period. If it becomes impossible to complete the review on time, reviewers should so inform the editorial office and ask for guidance about whether to decline to review the manuscript or to take an additional specified period of time.

Rights of AMS Reviewers

- Reviewers can expect to be informed of the Editor's decision regarding manuscripts they reviewed for the Journal.

- Reviewers can expect to receive the comments of the other reviewers for their edification.
- Reviewers can expect to be thanked for the time they take to review manuscripts. A list of the members of the Editorial Board will be published in each issue of the Journal. Ad hoc reviewers will be identified in a list of occasional reviewers published in the last issue of the publication year.

Reviewer Anonymity

Editors and administrators of AMS publications must keep the identities of all reviewers of particular manuscripts hidden from authors, other reviewers, and the public. To facilitate this, reviewers access and perform their review of the text via a manuscript submission system and their identities are not released. Identities of reviewers may be divulged to members of a publication's Editorial Board or to AMS staff as needed to solicit expert advice in special circumstances. In such cases, identities of a reviewer may also be made known to other reviewers of the same manuscript, provided that the consent of all affected reviewers is obtained. Reviewers must also maintain the confidentiality of reviewer identities, as well as of the reviews themselves.

September 2021

Proposal for Modifying the JAMS Statement of Scope

Dear Colleagues,

In response to CPub’s report on appropriateness of coverage in JAMS in comparison with its stated scope, our proposal is to replace “all areas of pure and applied mathematics” from the statement of scope just by “mathematics”. So it would read **“This journal is devoted to research articles of the highest quality in mathematics.”** Let us describe the rationale behind it.

1. It is true that JAMS publishes rather few papers in applied mathematics, although exactly how few depends on what we consider applied mathematics; see the analysis appended below. So there is indeed a mismatch between the stated and actual scope of the journal in this respect. However, we do not see a way to secure a significant number of top quality applied math submissions to JAMS in the foreseeable future. In particular, while we don’t currently have applied mathematicians among the main editors, we don’t think that having one would help, as we had such editors in the past and still got very few applied submissions, let alone ones of the appropriate level. The publication culture in applied mathematics is just different from pure mathematics, and the strongest papers in this field simply get submitted elsewhere, to more traditional venues for this field (for example, the typical time of consideration in applied mathematics is much shorter).

Also, now that Communications of the AMS has been launched with so many prominent applied mathematicians as editors, it seems reasonable to advertise CAMS, rather than JAMS, as AMS’s top venue for applied papers.

At the same time, the new formulation does not preclude submission of applied papers, and we will continue to consider such submissions in the same way as before. It just removes the misleading emphasis on applied mathematics in the original statement of scope.

2. We hear the CPub’s concerns regarding area distribution, and will pay more attention to this issue in our editorial decisions. We have started to discuss this at our Editorial Board meetings and will take this issue into consideration when we discuss papers and choose future Editors and Associate Editors.

At the same time, we don’t feel that the MathSciNet statistics is a good measure of representation of various areas in JAMS, for several reasons. First, MathSciNet contains information about all math papers, while JAMS publishes only top quality ones, and the representation of particular areas is not the same in these two categories. This statistics is also biased because of the difference of cultures in different fields - in some fields people publish significantly more (and shorter)

papers per year than in others, on average. Also, MSC classifications are assigned to papers rather mechanically, and this assignment is not always meaningful.

We also note that our analysis of the area distribution for JAMS papers during the 5-year period 2016-2020 (see below) shows that our area coverage is more spread out than that of our peers – Annals and Inventiones.

Finally, we would be happy to be part of preliminary discussions leading to such reports in the future.

Sincerely,
Pavel Etingof
Managing Editor, JAMS
on behalf of JAMS editors:
Laura DeMarco
Simon Donaldson
Michael Larsen
Sylvia Serfaty
Richard Taylor
Shmuel Weinberger

Appendix 1. Applied Mathematics papers in JAMS

The CPub report says that less than 1% of the papers published in JAMS in 2014–2018 belong to Applied Mathematics. To corroborate this statement, the report restricts Applied Mathematics to MSC 65 through 94, and then says that during 2014-2018, “only a single paper (classified as 83, relativity and gravitational theory) was published by JAMS in any of these 17 classifications”. However, in 2014-2018 JAMS published 3 papers under Primary MSC between 65 and 94, namely MR3486171, MR3369909, and MR3718450. (Here and below, we use Math Reviews identifiers.) In addition, JAMS published during that period:

- a paper in machine learning (MR3522608, Primary MSC 62 Statistics);
- a paper on nonlinear Schrödinger equation (MR3522607);
- two papers on PDE’s of fluid dynamics (MR3327535, MR3486169);
- a paper on the spectral theory of Schrödinger operators (MR3300702);
- a paper in theoretical CS, specifically algebraic complexity theory (MR3556292);
- a paper in operations research, specifically semidefinite programming (MR3486176).

Most of these papers had an “applied” MSC among their *secondary* classifications. For example, the authors of the last two papers chose to categorize them under Primary MSC 14 (Algebraic geometry), while designating the “applied” classifications (68 and 90, respectively) as secondary.

The above list is not exhaustive: several other papers had substantial applied content. All told, **more than 10%** of the papers published by JAMS within the specified time frame had significant applied mathematics content.

For comparison, during 2014-2018, Annals of Mathematics published 4 papers with Primary MSC in the interval [65, 94], exactly as many as JAMS did — even though the Annals published 209 papers during those 5 years, compared to JAMS’s 129.

MathSciNet search of all journals named “SIAM Journal of...” shows that during the time interval 2014-2018, these journals published 6986 papers. Almost all of them, one has to presume, were papers in applied mathematics. Which MSC classifications were most popular among these 6986 papers? It turns out that among the six most common Primary MSC’s of these papers, only three are in the interval [65, 94] chosen by CPub. It appears that as SIAM defines it, the concept of

applied mathematics is broad enough to include much more than 1% of the papers recently published in JAMS.

Appendix 2. Area distribution in JAMS

**Number of papers over the period 2016-2020
 (top 10 areas):**

<i>Annals</i>		<i>JAMS</i>		<i>Inventiones</i>	
Number theory	36	Alg. geometry	18	Alg. geometry	62
Alg. geometry	28	Number theory	12	Dyn. systems	47
Diff. geometry	20	Diff. geometry	11	Diff. geometry	44
PDE	11	Group theory	9	Number theory	33
Combinatorics	10	SCV	9	PDE	26
Dyn. systems	10	Geom. topology	8	Group theory	22
Group theory	8	PDE	7	Geom. topology	19
Geom. topology	7	Dyn. systems	7	SCV	14
Global analysis	6	Lie groups	6	Lie groups	12
Harm. analysis	6	Probability	6	Probability	9
Total	193	Total	125	Total	377

This translates to percentages as follows:

**Percentages of papers over the period 2016-2020
 (top 10 areas):**

<i>Annals</i>		<i>JAMS</i>		<i>Inventiones</i>	
Number theory	18.5	Alg. geometry	14.5	Alg. geometry	16.5
Alg. geometry	14.5	Number theory	9.5	Dyn. systems	12.5
Diff. geometry	10	Diff. geometry	9	Diff. geometry	11.5
PDE	6	Group theory	7	Number theory	9
Combinatorics	5	SCV	7	PDE	7
Dyn. systems	5	Geom. topology	6.5	Group theory	6
Group theory	4	PDE	5.5	Geom. topology	5
Geom. topology	3.5	Dyn. systems	5.5	SCV	4
Global analysis	3	Lie groups	5	Lie groups	3
Harm. analysis	3	Probability	5	Probability	2

Transactions and Memoirs Editorial Committee

General Description

- Committee is standing
- The Editorial Board is to consist of the Managing Editor, ~~five~~ **six** Coordinating Editors, and about ~~15~~ **24** Editors
- Term is four years

Principal Activities

To solicit, acquire, review, edit and publish articles in *Transactions and Memoirs*. *Transactions* papers should exceed 15 published pages.

Other Activities

The chair of the committee acts as Managing Editor and selects or nominates editors.

Miscellaneous Information

The chair of the Editorial Committee will be elected by the Council, upon nomination by the EBC. The other editors and the coordinating editors are appointed by the President upon recommendation of the EBC in consultation with the Managing Editor. This committee will conduct at most one face-to-face meeting per year. Travel reimbursement for this committee has been designated at **LEVEL B**.

Editors normally serve no more than two consecutive terms.

From the charge to the Editorial Boards Committee:

The [Editorial Boards] Committee shall recommend appointees to certain editorial committees to the AMS President and the Council. To that end, it shall solicit suggestions for those editorial committees by consulting with managing editors, current editorial committees, and other interested parties. The committee should take into account both the interests of the publications and the overall interests of the Society.

Note to the Chair

Work done by committees on recurring problems may have value as precedent or work done may have historical interest. Because of this, the Council has requested that a central file system be maintained for the Society by the Secretary. Committees are reminded that records of work should be kept and submitted annually to the Secretary for archival purposes. Confidential material should be noted, so that it can be handled in a confidential manner.

Authorization

created 2/10/92dlh; updated 5/04/95; 11/01; 8/09; 8/11; 1/12; 9/12; 7/13 membership, Misc. Info. and Note to Chair

January 03, 2017 Council Minutes, Item 4.9.2

Changed the structure of the Editorial Committee to include Coordinating Editors.

*09 January 2018 Council Item 4.7.3: Clarified appointment process. *

04 January 2022 Council Item 4.8.3: Increased the size of the editorial board.

Past Members

A list of current and past members is available here:

<http://www.ams.org/about-us/governance/committees/tams-past.html>

Proposal for Rearrangement and Enlargement of the *Transactions of the American Mathematical Society* (TAMS) Board

Rationale: many of the current TAMS editors have unsustainable loads. This is not surprising, as submissions almost doubled in the past decade (from 871 articles of 22,519 pages in 2010 to 1504 articles of 44,243 pages in 2020). In addition, some core specialties do not have a current editor who specializes in them, and as a result it is harder for the handling editor to make informed decisions.

At the same time TAMS continues to have a long backlog.

The AMS established TAMS as a venue to publish strong articles of broad interest, not as an elite journal. At present we are rejecting an enormous number of TAMS-level papers. Current board members suffer from the dual pressures of the strong commitment to serve the community which brings them on board, and the backlog pressures forcing them to reject an ever-increasing number of appropriate submissions.

If the AMS wishes to serve the community as originally intended, it may wish to do something about this situation. This proposal cannot address this. I am concentrating on an attempt to make the work of our editors a bit more manageable. The broad strokes of this proposal were approved by the entire board; details such as page allotments were discussed and approved by the coordinating editors.

The proposal below will be much easier to implement if the AMS agrees to increase the allotted published pages. This is a sore point among editors and a serious obstacle for any proposed action.

Proposal Highlights

1. Add 10 new carefully placed board members, resulting in a 50% increase in number.
2. Realign the sections of the board so that editors can more easily work together.
3. Change editorial workflow, and Editflow settings, so that section editors share key decision.

Detail

The current editorial board is structured as follows:

- **Group A** (analysis, probability, lie theory): Vaes (coordinator), Khoshnevisan, Mayboroda
- **Group B** (ergodic theory, dynamics and combinatorics): Bergelson (coordinator) Haglund, Melbourne, Pemantle
- **Group C** (Geometric analysis and PDE): Fraser (coordinator), Krieger, Malinnikova, Visan
- **Group D** (geometry, topology and logic): Canary (coordinator), Karshon, Soskova, Westerland
- **Group E** (algebra and number theory): Darmon (coordinator), Abramovich, Caporaso, de Shalit, Kessar, Peeva, Pierce.

Part 1 and 2:

I propose that beginning January 2022 the board will have 30 editors in 6 sections. Each editor is allotted 290 pages (this leaves 96 pages not specifically allotted). I rush to point that nobody is happy with this page allotment, and sooner or later something drastic must be done.

- **Group A:** Analysis (Vaes (coordinator), Mayboroda, two carefully placed new editors).
current allotted pages: 1440, proposed allotted pages: 1160
- **Group B:** Dynamics, Probability and Combinatorics (Haglund, Khoshnevisan, Pemantle, two replacement editors in dynamics and ergodic theory and one new editor.)
current allotted pages: 1524, proposed allotted pages: 1740
- **New Group C:** Pure and applied PDE (Krieger, Visan, two new editors to support the subject).
current allotted pages: 762, proposed allotted pages: 1160
- **Group D:** Topology and logic (Canary (coordinator), Karshon, Soskova, Westerland, one new editor).
current allotted pages: 1595, proposed allotted pages: 1450
- **Group E:** Algebra and Number theory (Darmon (coordinator), Abramovich, de Shalit, Kessar, Peeva, Pierce, one new carefully placed editor.)
current allotted pages: 2568, proposed allotted pages: 2030
- **New Group F:** Geometry and geometric analysis (Fraser (coordinator), Malinnikova, two carefully placed new editors)
current allotted pages: 906, proposed allotted pages: 1160

Part 3:

I propose that the submission page is changed so that authors are requested to suggest 2 or more possible handling editors.

When a handling editor receive an article, they discuss it within the group and, when appropriate, hand it over to a different editor perhaps with lower load.

As indicated below, current Editflow settings will hopefully change soon to facilitate editor interaction better.

Discussion:

Recruitment of new editors must take into account the needs of the board; past recruitment efforts created gaps in coverage and undue loads on editors in certain heavily practiced subjects. Some topics require almost identical overlap in order to withstand the stream of submissions. Some topics require particular gaps to be closed.

In particular,

- **Group A** needs an additional editor in functional analysis and operator theory, with expertise in Banach spaces, and an additional editor in complex analysis.
- In **Group C**, Kiselev used to cover topics in PDE (with large number of submissions) that now fall heavily on editors with less expertise.
- In **Group D**, Canary and Westerland indicated topics that the current board struggles with
- In **Group E**, there is an enormous flow of general algebra submissions that fall on Kessar and Darmon. This topic needs support.
- In the **Group F**, Fraser indicated a specific need in complex geometry and a heavy burden of submissions to her in Geometric Analysis broadly construed.

The bottom line is, that we need more cooperation from the Editorial Boards Committee, especially during such transition, as continuing to recruit excellent editors in areas where they are not needed will exacerbate the situation. and only add to the stress of board members.

I am working on increased cooperation between editors and am now introducing changes in Editflow settings to facilitate that.

With increased overlap between editors' subjects they will be able to share decisions more readily.

I have discussed implementing Part 3 of the proposal with editors independently of Parts 1 and 2. With current page counts this is next to impossible.

Notes:

- In the current structure, Pierce moved from Group A to Group E, but Lie Theory is no longer covered.
- Abramovich and Caporaso share their subject, and Caporaso wishes to end her term early in January 2022. I am not considering her being replaced by a new editor, hence the new total is 30 editors.
- I have been able to bring several coordinating editors' loads to within reason. Once this effort is completed, and the board is large enough to allow it, papers will be submitted to coordinating editors, who will discuss papers within their section and assign accordingly, keeping their own loads low. This might take another year to achieve.

*Professor Dan Abramovich
Managing Editor, Transactions and Memoirs of the AMS
November 2021*

2021 Annual Report
AMS Committee on the Profession (CoProf)
Division of Meetings and Professional Services (MPS)

The Committee on the Profession (CoProf) held its annual meeting on September 25-26, 2021, at the AMS Headquarters in Providence, Rhode Island with a virtual option. Julie Mitchell of Oak Ridge National Laboratory chaired the meeting.

The agenda spanned a broad scope of proposals for consideration. An overview of the 2021 Task Force report was led by Kasso Okoudjou. He discussed that it might be tempting to shift work to the Committee on Equity, Diversity, and Inclusion, and reminded CoProf of their responsibility to ensure the AMS is inclusive for all and explained that the 1996 Task Force report had good ideas but minimal progress has been made over many years. Kasso suggested that AMS take leadership on making suggestions and developing policies for departments that could have a national impact on the profession. Members of CoProf participated in the discussion by providing the following comments, thoughts, and suggestions:

- Staff operating plans speak to their thinking about the task force recommendation in a holistic approach.
- Actions taken at the staff level should transfer to governance.
- Increase participation in a substantial manner by reaching out to institutions that have been involved in the work.
- Speak with historically black colleges and universities (HBCUs) to build connections, partnerships, and programs.
- Host sectional meetings in a manner to get more HBCUs involved in AMS meetings.
- Collaborate with the National Alliance for Doctoral Studies in the Mathematical Sciences.
- Determine an institutional award for programs that graduate the most black mathematicians.
- Give attention to institutions that have a teaching focus.
- Continue the design of a structure for departmental reviews.
- Create a fellowship for early career mathematicians to shadow faculty with research experiences for undergraduates.
- Review the [American Institute of Physics task force report](#).
- Ensure that equity, diversity, and inclusion conversations occur broadly across the Society.

In 2019, the Committee on Publications (CPub) asked CoProf to consider adding a few sentences to the statement *on Citation and Impact in Mathematical Publications* 2009 listed Annual Review Information Statements on the Culture of Research and Scholarship in Mathematics. CoProf reviewed the supplemental language and with a small amendment approved CPub's recommendation.

When evaluating a particular researcher, the use of an individual's citation data, h-index, or other citation metrics is best avoided when making decisions regarding hiring, tenure, promotion and performance evaluation. The widely varying criteria used in producing such citation metrics generally do not correspond with what mathematicians consider important.

In other business, CoProf reviewed a proposal to streamline the dues rate categories for AMS memberships by eliminating the minimally used categories, redesigning other categories, and introducing categories that will make membership opportunities accessible for a broader community of mathematicians (reducing the total rates categories from 22 to 17). CoProf discussed the possible impact of eliminating some categories but had no recommendations for edits.

CoProf appointed three subcommittees, the Joint Mathematics Meeting Panel Supporting Faculty in Mentoring Students for Jobs Outside of Academia: Making Non-academics feel welcome in AMS, Review of the Task Force Report, and Committee on Professional Ethics Report Review, replaced members on the Members and Member Benefits standing committee, and selected to review the AMS Human Rights Activities/Membership in the Science and Human Rights Coalition for the American Association for the Advancement of Science (AAAS). CoProf also agreed to review a policy statement to support in-person meetings prepared by CoMC.

Agenda items that were endorsed by CoProf and will be forwarded to Council for consideration:

- **John Forbes Nash Jr. Prize in Game Theory:** At the request of the Development Committee, CoProf reviewed the prize description of the John Forbes Nash Jr. Prize in Game Theory and recommended this item for approval to the Council.
- **Proposed changes to the AMS Bylaws:** CoProf reviewed proposed changes to membership-related bylaws and policies submitted by the Membership Director in consultation with the AMS Secretary.
- **Discontinuation of the AMS Public Policy Award:** CoProf recommended that the AMS Public Policy Award be discontinued.
- **Dissolution of the AMS-MAA Committee on Teaching Assistants & Part Time Instructors:** CoProf recommended that the AMS-MAA Committee on Teaching Assistants & Part Time Instructors be dissolved since CoE has Appointed a standing subcommittee to handle the Responsibilities of the joint committee.
- **Dissolution of the AMS-MAA Committee on Cooperation:** CoProf recommended that the AMS-MAA Committee on Cooperation be dissolved.
- **Career Teaching Faculty in Research Departments:** CoProf reviewed a draft policy statement in support of Career Teaching Faculty and recommended this item to be adopted by Council.
- **CoProf review of the Committee on Professional Ethics (COPE) Report Changes:** CoProf recommended changes to the AMS Ethical Guidelines for approval.

CoProf will hold its next meeting on September 17-18, 2022 at AMS Headquarters in Providence, Rhode Island.

*Prepared by Torina Lewis
Associate Executive Director, MPS
December 2021*

Memo to CoProf, from CSP, regarding the AMS Public Policy Award
March 25, 2021

At its 2021 annual meeting, the CSP discussed the AMS Public Policy Award. This award was established in 2007 on the recommendation of CoProf and approved by the Council. At last year's CSP meeting (2020), the subcommittee was set up to deliberate and then make a recommendation to CoProf.

At the meeting on March 24, 2021, CSP voted to recommend to CoProf that the AMS discontinue this award.

Rationale: Until 2007, the AMS gave a joint award with the American Astronomical Society and the American Physical Society. At its January 2007 meeting the Council decided that instead of continuing to participate in an AAS-AMS-APS Joint Public Service Award the Society would make such an award on its own (see minutes of the Council January 2007). Subsequently, the AMS made plans to give its own award. These changes were on CoProf's recommendation.

The first award was supposed to be given to now House Speaker Nancy Pelosi. However, the award was never given because a time could never be scheduled for her to receive the award.

The 2021 CSP voiced the opinion that awarding a politician could be viewed as politically divisive by some members of the AMS and, years later, the political connection may look different than at the time of the award. Additionally, leaders such as Pelosi receive many awards, are very busy, and it may not serve the AMS well to take their time on an award from a relatively small group that the AMS is. Our political capital might be better spent in other ways.

The AMS is already well represented in various awards given by other science organizations. For example, the AMS is a member of the Task Force on American Innovation which, in turn, is a member of the Science Coalition. The Science Coalition gives out "Science Champion" awards to members of Congress "whose actions and votes consistently reflect their belief that fundamental scientific research, conducted at universities and national labs across the country, is essential to the nation's ability to address pressing issues in health, security, energy and the environment, and additionally, that a strong federally supported fundamental research enterprise drives innovation that fuels the U.S. economy."

AMS-MAA Committee on Teaching Assistants and Part-Time Instructors

General Description

- Committee is standing
- Number of members is eight
- Term is three years

Principal Activities

The committee shall identify and address concerns related to the orientation, training, supervision and evaluation of teaching assistants and part-time instructors. The committee shall coordinate maintenance of data to establish current situations and practices and dissemination of information through meetings and publications. The committee shall coordinate efforts with other appropriate committees of the American Mathematical Society and the Mathematical Association of America.

Other Activities

Miscellaneous Information

Note to the Chair

Work done by committees on recurring problems may have value as precedent or work done may have historical interest. Because of this, the Council has requested that a central file system be maintained for the Society by the Secretary. Committees are reminded that records of work should be kept and submitted annually to the Secretary for archival purposes. Confidential material should be noted, so that it can be handled in a confidential manner.

Authorization

created 4/88 established; updated 8/94; 5/95; 4/99; 8/09;10/13 Misc Info, Note to Chair, and membership

Past Members

A list of current and past members is available here:

<http://www.ams.org/about-us/governance/committees/jttapti-past.html>

AMS-MAA Committee on Cooperation

General Description

- Committee is special
- Number of members is eight (PRES, IMPP, PREL, EXDIR, SEC of both orgs)

Principal Activities

Other Activities

Miscellaneous Information

The business of this committee can be done by mail, electronic mail, or telephone, expenses which may be reimbursed by the Society.

Note to the Chair

Committee chairs should be informed, at the beginning of each fiscal period, of the budget of their committees and cautioned to remain within the budget. Such items as travel reimbursement, accommodations, and meals for guests of any kind fall within these budgets.

Work done by committees on recurring problems may have value as precedent or work done may have historical interest. Because of this, the Council has requested that a central file system be maintained for the Society by the Secretary. Committees are reminded that a copy of every sheet of paper should be deposited (say once a year) in this central file. Confidential material should be noted, so that it can be handled in a confidential manner.

Authorization

When was the committee created. List related minutes/agenda (i.e. Council, January 16, 1990, item 4.3).

00/00/90; updated 8/24/94; updated 5/04/95; 1/01; 8/09

Past Members

Year Members

1995	Donald J Albers, Gerald L Alexanderson, Michael G Crandall, John H Ewing, Robert M Fossum, Ramesh A Gangolli, Donald L Kreider, M Susan Montgomery, Cathleen S Morawetz, Kenneth A Ross, Mary E Rudin, Doris W Schattschneider, Marcia P Sward, Alan C Tucker
1996	Donald J Albers, Gerald L Alexanderson, John H Ewing, Robert M Fossum, Arthur M. Jaffe, Cathleen S Morawetz, Kenneth A Ross, Doris W Schattschneider, Marcia P Sward
1997	Gerald L Alexanderson, John H Ewing, Robert M Fossum, Arthur M. Jaffe, Cathleen S Morawetz, Kenneth A Ross, Martha J. Seigel, Marcia P Sward
1998	Gerald L Alexanderson, Thomas F. Banchoff, Felix Browder, John H Ewing, Robert M Fossum, Arthur M. Jaffe, Martha J. Seigel, Marcia P Sward
1999	Gerald L Alexanderson, Thomas F. Banchoff, Felix Browder, Robert J Daverman, John H Ewing, Robert M Fossum, Arthur M. Jaffe, Martha J. Seigel, Marcia P Sward
2000	Thomas F. Banchoff, Felix Browder, Robert J Daverman, John H Ewing, Arthur M. Jaffe,

- Martha J. Seigel, Tina Straley, Marcia P Sward
- 2001 Thomas F. Banchoff, Hyman Bass, Felix Browder, Robert J Daverman, John H Ewing, Martha J. Seigel, Tina Straley, Ann Watkins
- 2002 Hyman Bass, Robert J Daverman, David Eisenbud, John H Ewing, Ronald L Graham, Martha J. Seigel, Tina Straley, Ann Watkins
- 2003 Hyman Bass, Carl C. Cowen, Robert J Daverman, David Eisenbud, John H Ewing, Ronald L Graham, Martha J. Seigel, James J. Tattersall
- 2004 James G. Arthur, Carl C. Cowen, Robert J Daverman, David Eisenbud, John H Ewing, Ronald L Graham, Martha J. Seigel, James J. Tattersall
- 2005 James G. Arthur, Carl C. Cowen, Robert J Daverman, David Eisenbud, John H Ewing, Ronald L Graham, Martha J. Seigel, James J. Tattersall
- 2006 James G. Arthur, Carl C. Cowen, Robert J Daverman, John H Ewing, Joseph A. Gallian, James Glimm, Martha J. Seigel, Tina H. Straley
- 2007 James G. Arthur, Carl C. Cowen, Robert J Daverman, John H Ewing, Joseph A. Gallian, James Glimm, Martha J. Seigel, Tina H. Straley
- 2008 George Andrews, David M. Bressoud, Robert J Daverman, John H Ewing, Joseph A. Gallian, James Glimm, Martha J. Seigel, Tina H. Straley
- 2009 George Andrews, David M. Bressoud, Robert J Daverman, Joseph A. Gallian, James Glimm, Donald McClure, Martha J. Seigel, Tina H. Straley
- 2010 George E. Andrews, David M. Bressoud, Robert J. Daverman, Barbara T. Faires, Eric M. Friedlander, Donald E. McClure, Tina H. Straley, Paul Zorn
- 2011 George E. Andrews, David M. Bressoud, Robert J. Daverman, Barbara T. Faires, Eric M. Friedlander, Donald E. McClure, Tina H. Straley, Paul Zorn
- 2012 Robert J. Daverman, Robert Devaney, Barbara T. Faires, Eric M. Friedlander, Donald E. McClure, J. Michael Pearson, David Vogan, Jr., Paul Zorn
- 2013 Robert Devaney, Barbara T. Faires, Eric M. Friedlander, Donald E. McClure, J. Michael Pearson, Carla Savage, David Vogan, Jr., Paul Zorn

PROPOSED STATEMENT CONCERNING CAREER TEACHING FACULTY

Prepared by the CoProf subcommittee: Solomon Friedberg (Chair), Peter Ebenfelt, David Morrison, Mary Lynn Reed.

Career Teaching Faculty in mathematics are an important part of the community of professional mathematicians. As experts focused on teaching, they add a great deal to their departments. They often play leading roles in the education of undergraduates, both non-majors and majors. They can be a source of innovations in curriculum and teaching, follow the literature around teaching and learning, and bring to their departments the latest innovations concerning these topics. They are often well prepared to sponsor independent studies for majors, supervise undergraduate research projects, and serve as departmental advisors for math majors. They may evaluate institutional data related to the teaching of math and undertake scholarship around the learning of mathematics. Math departments with Career Teaching Faculty should value and support these faculty members as professional colleagues; they should encourage their institutions to develop pathways for the professional advancement of Career Teaching Faculty, and to systematically support them in their career growth. The AMS supports Career Teaching Faculty and strongly encourages their active participation in all activities of the society.

Draft: February 10, 2021

Amended at the January 4, 2022 Council meeting. The amendments are in orange above.

The Ethical Guidelines of the AMS: Recommendations by CoProf to the AMS Council

The AMS Ethical Guidelines were adopted by the AMS Council in January 2005, and modified in January 2019. The Guidelines are organized in four parts:

- I. Mathematical Research and Presentation
- II. Social Responsibilities of Mathematicians
- III. Education and Granting of Degrees
- IV. Publications.

The guidelines are not enforced by the AMS and are regarded as advisory.

After a process described at the end of this report and by a unanimous vote, the Committee on the Profession (CoProf) recommends the following changes to the guidelines (changes in red) to the AMS Council.

Recommendation 1. There are various ways in which communication of mathematics takes place that are outside the scope of the prior guidelines. In reflection of this, we recommend that the bullet point in I. Mathematical Research and Presentation stating

- *"To give appropriate credit, even to unpublished materials and announced results (because the knowledge that something is true or false is valuable, however it is obtained)"*

be changed to

- *"To give appropriate credit, even to unpublished materials, **materials on websites**, and announced results (because the knowledge that something is true or false is valuable, however it is obtained)"*

Recommendation 2. The present guidelines state (in the section Social Responsibilities of Mathematicians) *"Mathematical ability must be respected wherever it is found, without regard to race, gender, ethnicity, age, sexual orientation, religious belief, political belief, or disability."*

This statement is not sufficiently strong and has not always been effective. We recommend that it be replaced by the following more elaborate statement, which includes a motivation and an evaluation component:

*"It is important to mathematics as a whole that the profession draw upon the talents of all. Mathematical ability must be **encouraged and promoted** wherever it is found, without regard to race, gender, ethnicity, age, sexual orientation, religious belief, political belief, or disability. **It is important that mathematics departments look at the outcomes of their programs and consider their effectiveness in terms of promoting talent among the full range of students.**"*

Recommendation 3. The topic of safety is not mentioned in the current Guidelines. For example, what risks is it ethical to require faculty or students to assume in a public health emergency? We recommend the addition of a sentence in Section II:

*"**Mathematics departments and mathematicians share the responsibility to provide a safe working and learning environment for all, and not to require students or colleagues to assume a risk of bodily harm.**"*

Recommendation 4. There is a need to broaden Section III, Education and Granting of Degrees, in order to mention degrees besides the PhD and in order to include support for PhDs in mathematics who pursue career paths outside of academia (this support is already common at the bachelor's and master's levels). We recommend that Section III, Education and Granting of Degrees,

*"**Holding a Ph.D. degree is virtually indispensable to an academic career in mathematics and is becoming increasingly important as a certificate of competence in the wider job market. An institution granting a***

degree in mathematics is certifying that competence and must take full responsibility for it by ensuring the high level and originality of the Ph.D. dissertation work, and sufficient knowledge by the recipient of important branches of mathematics outside the scope of the thesis. Mathematicians and organizations involved in advising graduate students should fully inform them about the employment prospects they may face upon completion of their degrees.

be replaced by:

"An institution granting a degree in mathematics -- bachelor's, master's, or doctoral -- is certifying competence at the appropriate level, and must take full responsibility for doing so. In particular, a Ph.D. degree is a certification of both mathematical knowledge and independent achievement in mathematics. Institutions are responsible for ensuring both sufficient knowledge by the recipient of important branches of mathematics outside the scope of the thesis and the high level and originality of the Ph.D. dissertation work. [end paragraph]

*Holding a Ph.D. degree is virtually indispensable to an academic career in mathematics and is becoming increasingly important as a certificate of competence in the wider job market. Mathematicians and organizations involved in advising **doctoral** students should fully inform them about **the employment opportunities, both within and outside academia, that may be available to them** upon completion of their degrees."*

Recommendation 5. The Guidelines do not mention preparing graduate students to take on teaching as part of their professional duties. Though it seems that most departments are already doing it, we believe that it is appropriate to affirm this. We also believe that departments should be encouraged to support students in developing skills in programming, modeling, data analysis and the like that are important outside academia. We recommend the following addition at the end of Section III, Education and Granting of Degrees:

Departments should provide all graduate students with training about teaching that enables them to communicate mathematics effectively and to carry out their teaching assignments well. Departments should also provide access to training that is useful for mathematicians in the non-academic workforce, such as training in computer science, data analysis, finance, or mathematical modeling.

History of these recommendations:

This work began with a review by COPE of the Ethical Guidelines of the AMS. A report based on this review was submitted to CoProf. A subcommittee of CoProf, consisting of Ellen Eischen, Solomon Friedberg (Chair) and Julie Mitchell, was charged with reviewing the COPE Review and then making recommendations for changes to the Guidelines. A subcommittee report was prepared and submitted to CoProf. This topic was then discussed in the 2020 meeting. The recommendations above were the unanimous recommendations of CoProf at the conclusion of this discussion, with the exception of parts of recommendation number 4, which were made later in response to feedback from the Council. The content of recommendation 4 was agreed to and approved unanimously at the 2021 CoProf meeting and then the wording was finalized by a subcommittee consisting of Solomon Friedberg (Chair), Boris Hasselblatt (Secretary) and Julie Mitchell (CoProf Chair).

The first draft of this present report was prepared in July 2021 at the suggestion of the AMS's leadership to assist the Council in considering these recommendations, and presented to CoProf in September 2021. This draft, written in October 2021, includes the new wording concerning bachelor's and master's degrees in recommendation 4 above. The supporting statements

concerning the above recommendations very closely follow the subcommittee report to CoProf that was discussed and approved in 2020. For the convenience of the Council, we connect these recommendations to the COPE report (once again following the subcommittee report).

1. The COPE report notes various ways in which communication of mathematics takes place that are outside the scope of the prior guidelines. Our recommendation reflections this.
2. The COPE report makes a number of suggestions around the statement in II. Social Responsibilities of Mathematicians. Our recommendation reflections this.
3. Not discussed in the COPE report.
4. The COPE report offers a number of comments about Section III, Education and Granting of Degrees. We appreciate the interest of COPE in broadening this section, but we must also report that many of their comments are themselves disappointing, suggesting a mindset that the only good job is an academic job and viewing other positions in a derogatory way. (The phrase "advisors should let students know if they think the student will make it in academics" is particularly unfortunate; perhaps this was unintentional.). Our recommendations are in the spirit of the COPE report but go beyond it in supporting non-academic pathways. We also mention bachelor's and master's degrees.
5. The COPE report notes that the Guidelines do not mention preparing graduate students to take on teaching as part of their professional duties, and suggests this gap be addressed. The COPE report views this in terms of job preparation, but it is also needed from the point of view of training graduate students to be successful TAs while they are in the program. Our recommendation also go beyond the COPE report in supporting non-academic pathways.

The subcommittee offered CoProf the following comment on the COPE report, which may also be useful to the Council. "We appreciate the thoroughness with which the COPE committee undertook its analysis. We believe that a number of questions raised concern outlying cases that do not need to be addressed in a revision of the guidelines (do we really need an AMS guideline concerning given due credit to someone who announces a theorem over Twitter?; would anyone really read the obligation to be knowledgeable about the profession as requiring following mathematicians on Facebook?). The report also raised ideas that we are unenthusiastic about (double blind refereeing was mentioned, but how would double blind refereeing work in view of the arXiv?). Accordingly, we recommend only the above 5 changes to the Ethical Guidelines of the AMS."

*Submitted by Torina Lewis
Associate Executive Director of AMS Meetings and Conferences
October 5, 2021*

American Mathematical Society

Policy Statement on Ethical Guidelines

Preamble:

In January 1994 the AMS Council received the report of its Special Advisory Committee on Professional Ethics. The Committee, which consisted of Murray Gerstenhaber, Frank Gilfeather, Elliott Lieb, and Linda Keen (Chair), presented ethical guidelines for adoption by the Council. Those draft guidelines were published twice in the Notices of the AMS, with a request to the membership for responses and suggestions for changes or improvements. These were sent to the Committee, which considered all suggestions. The Committee then redrafted the guidelines and presented the redraft to the January 1995 Council. At that meeting, the Council voted to adopt the guidelines as a resolution of the Council (by a vote that was unanimous save for one abstention), and shortly thereafter the Council adopted them "so as to speak in the name of the Society", a more official designation.

Acting upon recommendations from the AMS Committee on the Profession, in January 2004 the Council approved a general revision to the document, which also incorporated additional statements describing and deploring plagiarism. In January 2005, the Council adopted these guidelines "so as to speak in the name of the Society."

Acting upon recommendations from the AMS Committee on the Profession, in January 2019 the Council approved changes to the charge to the AMS Committee on Professional Ethics, which then required changes to this Ethical Guidelines document.

ETHICAL GUIDELINES OF THE AMERICAN MATHEMATICAL SOCIETY

Adopted by the Council of the American Mathematical Society in January 2005 so as to speak in the name of the Society. Modified by the Council of the American Mathematical Society in January 2019 and in January 2022.

To assist in its chartered goal, "...the furtherance of the interests of mathematical scholarship and research ...", and to help in the preservation of that atmosphere of mutual trust and ethical behavior required for science to prosper, the Council of the American Mathematical Society sets forth the following ethical guidelines. These guidelines reflect its expectations of behavior both for AMS members, as well as for all individuals and institutions in the wider mathematical community, including those engaged in the education or employment of mathematicians or in the publication of mathematics. These guidelines are not a complete expression of the principles that underlie them. The guidelines are not meant to be a complete list of all ethical issues. They will be modified and amplified by events and experience. These are guidelines, not a collection of rigid rules.

The AMS cannot enforce these guidelines, however, and it cannot substitute for individual responsibility or for the responsibility of the mathematical community at large.

I. MATHEMATICAL RESEARCH AND ITS PRESENTATION

The public reputation for honesty and integrity of the mathematical community and of the Society is its collective treasure and its publication record is its legacy.

The knowing presentation of another person's mathematical discovery as one's own constitutes plagiarism and is a serious violation of professional ethics. Plagiarism may occur for any type of work, whether written or oral and whether published or not.

The correct attribution of mathematical results is essential, both because it encourages creativity, by benefiting the creator whose career may depend on the recognition of the work and because it informs the community of when, where, and sometimes how original ideas entered into the chain of mathematical thought. To that end, mathematicians have certain responsibilities, which include the following:

To endeavor to be knowledgeable in their field, especially about work related to their research;

- To give appropriate credit, even to unpublished materials, **materials on websites**, and announced results (because the knowledge that something is true or false is valuable, however it is obtained);
- To publish full details of results that are announced without unreasonable delay, because claiming a result in advance of its having been achieved with reasonable certainty injures the community by restraining those working toward the same goal;
- To use no language that suppresses or improperly detracts from the work of others;
- To correct in a timely way or to withdraw work that is erroneous.

A claim of independence may not be based on ignorance of widely disseminated results. On appropriate occasions, it may be desirable to offer or accept joint authorship when independent researchers find that they have produced identical results. All the authors listed for a paper, however, must have made a significant contribution to its content, and all who have made such a contribution must be offered the opportunity to be listed as an author. Because the free exchange of ideas necessary to promote research is possible only when every individual's contribution is properly recognized, the Society will not knowingly publish anything that violates this principle.

II. SOCIAL RESPONSIBILITY OF MATHEMATICIANS

The Society promotes mathematical research together with its unrestricted dissemination, and to that end encourages all to engage in this endeavor. **It is important to mathematics as a whole that the profession draw upon the talents of all.** Mathematical ability must be ~~respected~~ **encouraged and promoted** wherever it is found, without regard to race, gender, ethnicity, age, sexual orientation, religious belief, political belief, or disability. **It is important that mathematics departments ~~look at the outcomes of review~~ their programs and consider their effectiveness in terms of promoting talent among the full range of students.**

The growing importance of mathematics in society at large and of public funding of mathematics may increasingly place members of the mathematical community in conflicts of interest. The appearance of bias in reviewing, refereeing, or in funding decisions must be scrupulously avoided, particularly where decisions may affect one's own research, that of colleagues, or of one's students. When conflicts of interest occur, one should withdraw from the decision-making process.

A recommendation accurately reflecting the writer's views is often given only on the understanding that it be kept confidential; therefore, a request for a recommendation must be assumed to carry an implicit promise of confidentiality, unless there is a statement to the contrary. Similarly, a referee's report is normally provided with the understanding that the name of the writer be withheld from certain interested parties, and the referee must be anonymous unless otherwise indicated in advance. The writer of the recommendation or report must respond fairly and keep confidential any privileged information, personal or mathematical, that the writer receives. If the requesting individual,

institution, agency or company becomes aware that confidentiality or anonymity cannot be maintained, that should be immediately communicated.

Where choices must be made and conflicts are unavoidable, as with editors or those who decide on appointments or promotions, it is essential to keep careful records that would demonstrate the process was indeed fair when inspected at a later time.

Freedom to publish must sometimes yield to security concerns, but mathematicians should resist excessive secrecy demands whether by government or private institutions.

When mathematical work may affect the public health, safety or general welfare, it is the responsibility of mathematicians to disclose the implications of their work to their employers and to the public, if necessary. Should this bring retaliation, the Society will examine the ways in which it may want to help the "whistle-blower", particularly when the disclosure has been made to the Society.

No one should be exploited by the offer of a temporary position at an unreasonably low salary and/or an unreasonably heavy workload.

~~Mathematics departments and mathematicians share the responsibility to provide a safe working and learning environment for all, and not to require students or colleagues to assume a risk of bodily harm.~~

III. EDUCATION AND GRANTING OF DEGREES

~~An institution granting a degree in mathematics -- bachelor's, master's, or doctoral -- is certifying competence at the appropriate level, and must take full responsibility for doing so. In particular, a Ph.D. degree is a certification of both mathematical knowledge and independent achievement in mathematics. Institutions are responsible for ensuring both sufficient knowledge by the recipient of important branches of mathematics outside the scope of the thesis and the high level and originality of the Ph.D. dissertation work.~~

Holding a Ph.D. degree is virtually indispensable to an academic career in mathematics and is becoming increasingly important as a certificate of competence in the wider job market. (Moved to top) ~~An institution granting a degree in mathematics is certifying that competence and must take full responsibility for it by ensuring the high level and originality of the Ph.D. dissertation work, and sufficient knowledge by the recipient of important branches of mathematics outside the scope of the thesis.~~ Mathematicians and organizations involved in advising graduate ~~doctoral~~ students should fully inform them about the ~~employment prospects they may face~~ **employment opportunities, both within and outside academia, that may be available to them** upon completion of their degrees.

~~Departments should provide all graduate students with training about teaching that enables them to communicate mathematics effectively and to carry out their teaching assignments well. Departments should also provide access to training that is useful for mathematicians in the non-academic workforce, such as training in computer science, data analysis, finance, or mathematical modeling.~~

IV. PUBLICATIONS

Editors are responsible for the timely refereeing of articles and must judge articles by the state of knowledge at the time of submission. Editors should accept a paper for publication only if they are reasonably certain the paper is correct.

The contents of submitted manuscript should be regarded by a journal as privileged information. If the contents of a paper become known in advance of publication solely as a result of its submission to or handling by a journal, and if a later paper based on knowledge of the privileged information is

received anywhere (by the same or another journal), then any editor aware of the facts should refuse or delay publication of the later paper until after publication of the first---unless the first author agrees to earlier publication of the later paper.

At the time a manuscript is submitted, editors should notify authors whenever a large backlog of accepted papers may produce inordinate delay in publication. A journal may not delay publication of a paper for reasons of an editor's self interest or of any interest other than the author's. The published article should bear the date on which the manuscript was originally submitted to the journal for publication, together with the dates of any revisions. Editors must be given and accept full scientific responsibility for their journals; when a demand is made by an outside agency for prior review or censorship of articles, that demand should be resisted and, in any event, knowledge of the demand should be made public.

Both editors and referees must respect the confidentiality of materials submitted to them unless these materials have previously been made public, and above all may not appropriate to themselves ideas in work submitted to them or do anything that would impair the rights of authors to the fruits of their labors. Editors must preserve the anonymity of referees unless there is a credible allegation of misuse.

All mathematical publishers, particularly those who draw without charge on the resources of the mathematical community through the use of unpaid editors and referees, must recognize that they have made a compact with the community to disseminate information, and that compact must be weighed in their business decisions.

The Society will not take part in the publishing, printing or promoting of any research journal where there is some acceptance criterion, stated or unstated, that conflicts with the principles of these guidelines. It will promote the quick refereeing and timely publication of articles accepted to its journals.

Amendments proposed by Council are highlighted in gray. They were accepted by CoProf Chair Julie Mitchell on behalf of CoProf.

Mathematical Reviews Editorial Committee (MREC) 2021 Report to Council

The 2021 meeting of the Mathematical Reviews Editorial Committee (MREC) took place via Zoom on October 19 and 22, 2021. The following members participated in the meeting: Danny Calegari (Chair), Pam Cook, Sergey Fomin, Marlis Hochbruck, Motoko Kotani, Pham Huu Tiep, Catherine Roberts (AMS Executive Director), Ziggy Nitecki (AMS Associate Treasurer). Also present were: Edward Dunne (Executive Editor), Michael Jones (Managing Editor) and the Associate Editors: Andrés Caicedo, Dean Carlson, Justin Eilertsen, Christopher Elmer, Amanda Francis, Robert Hladky, Guo Ying Jiang, Heather Jordon, Klaus Kirsten, Milan Lukic, Alison Miller, Irina Sivergina, Margaret Stawiska-Friedland, James F. Tian, and Ursula Whitcher.

MREC Membership: Pam Cook and Motoko Kotani are ending their terms on the committee, after serving one term each. Cook has asked not to be reappointed for a second term. Kotani is willing to serve a second term. Calegari, as Chair of MREC, will communicate with the Editorial Boards Committee (EBC) about a successor to Cook and Kotani's willingness to serve another term.

The date for the next meeting was chosen as Monday, October 18, 2022, with the plan being to have it in person.

The *Minutes of the 2020 Meeting* were approved.

Mathematical Reviews Departments. In lieu of the traditional tour of the MR building, the managers each gave a presentations on major changes or activities in their departments.

Dunne presented an *update on MR Activities of the past year*, as described in the MR operating plan. The report included information on general operations at MR, including data on the number of items added to the database, the number of reviews published, usage counts, and information about the reviewers. Separately, MREC received information on MR and the pandemic, including reports on changes to arriving material, reviews, and the rate at which items were being posted to MathSciNet. The reports included information on how the internal operations had been affected and a description of the new virtual production pipeline.

Roberts presented an *update on the AMS*, including the conclusion of the five-year strategic plan.

Jones presented *data about MR and MathSciNet*, including statistics on reviewers and reviews, items added to the MR Database, and usage.

Nine journals and three book series (collections) were added to the *reference list program*. This brings the total of reference list journals to 661 and reference list book series to 11.

At the 2020 meeting of MREC, Dunne was instructed to draft a *statement to be added to items in MathSciNet that have an Author Summary and the name of a reviewer*, to be voted on

by electronic means after the meeting. This was done and approved. The implementation has to wait until technical changes to MathSciNet have been made.

Each member of MREC held a small-group meeting with the MR Associate Editors, in accordance with their role as an oversight committee for the Associate Editors of Mathematical Reviews.

At the 2020 meeting of MREC, a working group was created to develop a proposal for a procedure for removing a journal or series from Reference List Status for consideration at MREC's 2021 meeting. The working group members are Calegari, Cook, Dunne, and Jones. The proposal was presented and discussed, with minor changes suggested by MREC. A modified proposal will be voted on by email.

The *MR Editorial Statement* was reviewed and affirmed.

The Committee then moved into *executive session*.

Danny Calegari,
Chair of MREC

Edward Dunne,
Executive Editor

Fellows Program Selection Committee

Comments by Qiang Du (Chair) in a Zoom Meeting on Friday, October 22, 2021

The committee selected 45 Fellows for the 2022 class from the 138 candidates who were nominated. 13 of the new Fellows are female.

The committee primarily did their work from May to August. Before starting, they met with AMS President Ruth Charney and AMS Secretary Boris Hasselblatt who provided them with some guidance about the process. The committee then met to discuss the selection process and timeline for their work. Initially, each nominee was reviewed and ranked by two committee members. Those nominee reviews and rankings were then discussed with the whole committee. Nominees who had more favorable reviews and higher rankings were then divided into several groups (by proximity in research areas) and were discussed by subcommittees. The subcommittees made recommendations about the nominees which were then discussed by the whole committee. Once the committee had made their selections, they submitted a preliminary list of candidates to the AMS for comments. When the list was finalized and approved, the committee met one final time to discuss citations and the feedback that they wanted to give to the AMS.

Feedback to the AMS

Rodolfo Torres, the chair of the Fellows Program Selection Committee in 2020, met with Qiang Du prior to the beginning of the committee's work to provide some guidance and helpful information that he learned as chair of the committee. They continued to stay in close touch throughout the selection process. Qiang Du reported that this was extremely helpful and believes that this process should be highly encouraged in the future.

The committee also finds the early meeting with the AMS leadership as particularly helpful and recommends that such a practice be continued. Members of the committee have devoted much time and effort over the summer to ensure a rigorous and thorough selection process with different viewpoints presented and discussed. They are also grateful to the support provided by the AMS staff.

In the committee discussions, the importance of encouraging nominations more widely has been emphasized. One item mentioned is that SIAM has a committee whose work is devoted to thinking about potential candidates and reaching out to nominators to encourage them to submit nominations. Something similar to this could also be helpful for the AMS Fellows program.

In conjunction with their discussions on encouraging nominations, the committee talked about the importance of improving diversity and inclusivity. Demographic data about the nominees, Fellows, and AMS members, would be extremely helpful for this purpose, and the committee members feel that it would be desirable if AMS can have more of these statistics available to them. Other areas that some committee members would like to receive more guidance from the AMS are on the years of a nominee's affiliation with the AMS and comparisons of domestic and international nominees.

Additionally, the committee hopes that nominations should contain a holistic presentation on relevant contributions, including excellence in all aspects of research, broad impact and service, so that members could assess nominations more comprehensively. Moreover, nominators should have the option to address any relevant obstacles that the nominee has overcome in light of difficult circumstances. They also recommend that the AMS create more guidance and resources

for putting together high-quality nomination packets and making clear that the search for Fellows is meant to be inclusive. They think that an annual webinar, similar to what NSF does, about creating strong nominations would be especially helpful, in addition to providing more information on the AMS Fellows webpage.

Nov 2021 Report of JCW for the American Mathematical Society (AMS)

The Joint Committee on Women in the Mathematical Sciences (JCW) is a joint committee of nine mathematical and statistical societies: American Mathematical Association of Two Year Colleges (AMATYC), American Mathematical Society (AMS), American Statistical Association (ASA), Association for Women in Mathematics (AWM), Institute of Mathematical Statistics (IMS), Mathematical Association of America (MAA), National Association of Mathematics (NAM), National Council of Teachers of Mathematics (NCTM), and Society for Industrial and Applied Mathematics (SIAM).

Due to pandemic, the committee met through zoom on Feb 25 2021, April 29 2021, and Sept 17 2021. JCW has worked on a broad range of topics related to attracting, retaining, and advancing women in the mathematical sciences, issues of representation, issues of “Diversity, Equity, and Inclusion” (EDI), and more. These include a social media campaign for women’s history month in March and co-sponsoring events at conferences like the JMM, just to name a few. More specifically, we have following main items discussed in each meeting:

- February 25, 2021: One event sponsored annually by JCW is publicizing women mathematicians during Women’s History Month, March 2021. One woman is recognized in each of the areas of Applied/Industrial math, Math Education, Statistics, and Pure Math. The names, accomplishments, and a short biography of each are provided to others in the field through social media.” Information will be placed on the JCW Facebook page and information will be sent through Twitter. In addition, this year, JCW is co-sponsoring a special issue of PRIMUS (Problems, Resources, and Issues in Mathematics Undergraduate Studies) on promoting Women in Mathematics.
- April 29 2021: A new item for JCW this year is on the issue of “Diversity, Equity, and Inclusion” (EDI). We started to look for practices of each society on involving women and underrepresented keynote speakers at conferences, in various programs, etc. We discussed the panel for the January 2022 Joint Meetings in Seattle. A suggestion was to discuss underrepresented groups and intersectionalities. In addition, we also discussed report of each societies’ recent activities. This included that
 - (1) the International Prize in Statistics won by woman for first time (Nan Laird) for her work in developing analysis techniques for longitudinal data analysis;
 - (2) JSM (joint Statistical Meetings) 2021 will be virtual again, so is the Women in Statistics and Data Science Conference (WSDS).

- (3) ASA puts statements on EDI at
<https://www.amstat.org/asa/files/pdfs/JEDI-Statement.pdf?v=1.0>
and
- (4) ASA also puts statement on anti Asian-hate crime at
<https://www.amstat.org/ASA/News/ASA-Announces-New-Anti-Racism-Task-Force.aspx>
- (5) We presented the following select AMS activities
 - * In January 2020, the AMS Committee on Women in Mathematics folded into the new AMS policy Committee on Equity, Diversity and Inclusion. A policy committee is a top-level committee.
 - * AMS works with other societies to collect annual survey data and publish data on the profession in the AMS Notices and on the web. For example, see
<http://www.ams.org/profession/data/emp-survey>
<http://www.ams.org/profession/data/annual-survey/phds-awarded>
 - * AMS has an “About the AMS” webpage on diversity <http://www.ams.org/about-us/diversity>
 - * A recent AMS report (March 22, 2021): “Towards a Fully Inclusive Mathematics Profession”
<https://www.ams.org/about-us/understanding-ams-history>
 - * Related special sessions at the 2021 JMM were sponsored by AMS:
 - 2021 AMS-AWM Special Session on Women of Color in Applied Math and Analysis
 - 2021 AMS-AWM Special Session on Women of Color in Topology and Algebra
 - 2021 AMS Special Session on Women Advancing Mathematical Biology Through Computational and Analytical Techniques. (Associated with MAA-AMS-SIAM Gerald and Judith Porter Public Lecturer Trachette Jackson)
 - * AMS has posters on Women Doing Mathematics
<https://www.ams.org/women-mathematicians>
 - * AMS books include *Women Who Count: Honoring African American Women Mathematicians* by Shelly M. Jones:
<https://bookstore.ams.org/mbk-124>
 - * AMS has the Joan and Joseph Birman Fellowship for Women Scholars
http://www.ams.org/prizes-awards/paview.cgi?parent_id=42
 - * AMS Colloquium Lecturers (collated by Bettye Anne Busbee Case for her article in the AWM 50th anniversary book). The following is a list of the names of women lecturers and how many men were lecturers before and in between.

23 men

Anna Johnson Pell Wheeler 1927

59 men

Julia Robinson 1980

9 men
Karen Uhlenbeck 1985
21 men
Sun-Yung Alice Chang 2004
8 men
Alice Guionnet 2013
Dusa McDuff 2014
5 men
Ingrid Daubechies 2020

[Karen E. Smith was originally scheduled for 2021 before it was cancelled due to the pandemic and has been rescheduled for 2022]

- * AMS Presidents (collated by Bettye Anne Busbee Case for her article in the AWM 50th) The following is a list of how many men served as president for each time period and the names of women who served in that position.

46 men
Julia Robinson 1983–1985
5 men
Cathleen Morawetz 1995–1997
11 men
Jill Pipher 2019–2021
Ruth Charney 2021–2023

- Sept 17 2021: We discussed the panel discussion at the JMM on January 6, 2022 from 1-3 p.m. This panel will focus on intersectionality, the way in which multiple privileges, or lack thereof, advance or slow an individual's mathematical trajectory. Confirmed panelists include [NS1] Pamela Harris (Williams College), Puttipong Pongtanapaisan (University of Saskatchewan, post doc), Robin Wilson (Cal Poly Pomona), Joycelyn Wilson (Spelman College), Shelley Harvey (Rice University). Nancy Sattler (Terra CC & Walden University) and Jennifer Schultens (UC Davis) will be moderating.

We also discussed our 2021 Society Reports. For example, our AMS is proud to participate in MathSafe, a program by and for the mathematical community to support a safe and welcoming environment at meetings. see

<https://www.ams.org/mathsafe/ams-mathsafe>

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. See

<https://www.ams.org/about-us/governance/policy-statements/anti-harassment-policy>

<https://www.ams.org/about-us/edi-reporting>

2021 Report of the Prize Oversight Committee

In its January 2021 meeting, the Council approved the Fellowship revocation policy that the POC formulated in 2020.

In 2021, the POC discussed the question of how to ensure that nominators (for AMS honors and awards as well as committees and electoral positions), are not knowingly proposing candidates whom they know to be guilty of professional misconduct. The committee agreed on the implementation of an appropriate "radio button" on the nomination form where nominators will attest that they know of no such misconduct.

The POC reviewed the procedures for generating prize nominations, and discussed the degree to which prize committees should be permitted or even encouraged to generate nominations. It was agreed that committees will be encouraged to solicit nominations from a wide variety of sources, but committee members should not be permitted to write nominations themselves; this will be reflected in the instructions to committees. The POC has also approved policies allowing for sharing of nomination materials among prize committees, should one committee determine that the nomination might be of value for other prizes. (Nominators have to check a box in the nominating forms to give permission for this.)

In its April and August meetings, the POC discussed priorities for creation of new prizes, and created a subcommittee to formulate a list of such priorities. Discussion of these priorities by the full POC remains work in progress.

*Prepared by Jared Wunsch
Chair of the Prize Oversight Committee*

REPORT ON AAAS SECTION A ACTIVITIES 2021

November 15, 2021

AAAS Section A (Mathematics) is led by the Steering Committee, consisting of the secretary, the chair elect, the current chair, the retiring chair, and four members-at-large. For the reporting period, this group included:

Ken Ono, Chair (2022)
Barbara Keyfitz, Retiring Chair (2022)
Reinhard Laubenbacher, Secretary (2022)
Bonnie Berger (2023), Irene Fonseca (2022), Michel Lapidus (2024), Members-at-Large

To be precise, membership changes at the time of the annual AAAS meeting, held typically around the middle of February. The steering committee as listed took office in February 2021.

AAAS is undergoing a major reform of its governance structure, which has led to several disruptions. In particular, it has prevented the annual nomination and election for steering committee members. A draft of the changes affecting sections and their steering committees have been made available to the committees. They will in particular change the composition and responsibilities of committee members.

The regular strength of the steering committee is 8, including three members in the chair line and four members-at-large. In February 2022, three members will rotate off, including B. Keyfitz, R. Laubenbacher, and I. Fonseca, leaving three members.

We were fortunate to recruit Santiago Schnell, Dean of A&S at Notre Dame University, to be the next Secretary, starting in February 2022. There is currently no incoming chair nominated. The steering committee is currently discussing staffing for 2022.

Important activities of this committee include

- Selection and nomination of currently four candidates for Fellow of the AAAS (the annual number depends on the number of Section A members)
- Identification of potential topics for scientific symposia for the AAAS annual meeting, and solicitation of mathematical scientists to organize symposia
- Conduct the Section A business meeting at the annual AAAS meeting
- Carry out any other activities that benefit the role of the mathematical sciences within AAAS and as part of the annual meetings

Fellows: The Steering Group nominated four fellows. Three more nominations were submitted through the "Three Fellows" general nomination process. All 7 nominees were elected. They include:

Dan Abramovich, Brown University
Helene Barcelo, MSRI
Robert Bryant, Duke University
Fariba Faroo, U.S. Department of Defense
Philip Maini, Oxford University
Jill Pipher, Brown University
Judy Walker, University of Nebraska

Scientific Symposia: Since there seems to be some confusion about how the scientific symposium process works at AAAS, it is important to clarify that symposium proposals are submitted by *individuals* rather than by sections. The only formal input the sections have is that they can endorse **one** proposal from all the submissions. Thus, the Steering Group's efforts are limited to identifying topics and individuals for submissions. In addition, the contribution of financial support strengthens the chances of a proposal to be accepted.

The theme for the February 2022 meeting is "Empower With Evidence." Section A endorsed the proposal "Quantifying biological form and symmetry using the concept of relative entropy" by Karl Niklas, Cornell University. This proposal was accepted and is on the program.

There are many other scientific sessions of interest to the mathematical sciences committee, such as:

Human microbiome and data science

Why diversity and inclusion initiatives matter in STEM: the evidence

Ensuring privacy in synthetic data sets

[Crowdsourced Science: Volunteers and Machine Learning Protect the Wild for All](#)

[Diversity, Equity, and Inclusion in STEM Organizations: Evidence-Based Change](#)

[Quantum for the People: Connecting Quantum Information Science and Society](#)

2021 Business Meeting: The meeting was held virtually, as was the entire AAAS annual meeting. Over 40 AAAS section members attended the meeting. The bulk of the discussion focused on ideas for scientific symposia, increasing membership, and activities connecting the AMS and AAAS.

AAAS-AMS Activity: At the JMM 2022, there will be a AAAS-AMS invited address by Kavita Ramanan, Brown University. Kavita was elected a AAAS fellow in 2020.

*Prepared by:
Reinhard Laubenbacher
Secretary, Section A
Member, AMS-AAAS Liaison Committee*

2021 China Fan Fund Report

The Fan Fund Travel Grant Committee members reviewed the 2020-2021 applications individually and met via Zoom on May 11, 2021 to discuss the funding recommendations. The drafted recommendation was submitted to Kayla Roach on the same date after the meeting was conducted. It was updated on May 18, 2021 based on an additional information from Kayla Roach regarding the balance of a previous award. The final recommendation is as follows.

Shen (Ph.D. 2007, 24 publications at Mathscinet) & Piersanti (Ph.D. 2019, 10 publications at Mathscinet): It is proposed that Shen will visit Indiana University (IU) from July-August for **one month in 2022**. Proposed budget: \$6,948 (travel + local expenses + insurance + computer equipment + other fees). The US collaborator Piersanti is a **Postdoc** at IU while Shen (Ph.D. 2007) is currently an **Associate Professor** Xiaan University of Technology. They have **two** joint papers so far. It looks like the proposed award will benefit both collaborators' career and research developments. **The committee recommends it to be funded (up to \$6,700 for AY21-22) if the proposed in-person visit is able to take place.**

Liu (Ph.D. 2014, 9 publications at Mathscinet) & Yang (Ph.D. 2009, 48 publications at Mathscinet): It is proposed that Liu will visit Texas State from August-September for **2 months in 2021**. (There is a concern about how likely this will happen.) The proposed budget is \$5,300 (travel +local expenses + other fees). Yang will contribute an additional \$1000 from his Simons Grant. The US collaborator Yang is an **Associate Professor** at Texas State University while the visiting Professor Liu is currently a **lecturer** at Tianjin Normal University. They have **two** joint papers so far. Yang is a very prolific and active researcher and has been awarded the AMS-Fan Fund multiple times (2018-2019, 2019-2021). The proposed visit is seemingly a good boost for Liu's career and will be beneficial for them to build long term collaborations. As Yang has a balance around \$2,000. **The committee recommends it to be funded (up to \$3,300 for AY21-22) if the proposed in-person visit is able to take place. Yang is recommended to use the previous balance from AMS Fan Fund first.**

*Submitted by:
Ling Long, Chair
Guofang Wei
Wei Zhang*

**Review of the Ethical Guidelines of the American Mathematical Society
Committee on Professional Ethics
Fall 2021**

Section 0: Introduction.

The charge of the AMS COPE Committee is as follows:

- *Advising AMS governance and staff on ethics policy and concerns;*
- *Fostering awareness of ethical issues and promoting ethical behavior amongst individuals and institutions working within the field of mathematics by recommending policies and/or educational programs;*
- *Maintaining the AMS Ethical Guidelines, including reviewing the guidelines, recommending updates to Council and offering high level interpretations.*

Neither COPE nor any of its members shall solicit or otherwise invite complaints, nor shall they provide advice on individual cases. COPE does not have the authority to investigate, disclose, make public, act on, rule on, mediate or arbitrate ethical complaints, alleged violations, or other ethical matters.

The current charge may be found here:

<http://www.ams.org/about-us/governance/committees/profethics-charge.pdf>

The COPE was tasked with the review of the AMS Ethical Guidelines (found here: <http://www.ams.org/about-us/governance/policy-statements/sec-ethics>) with a particular request to reconsider and possibly rewrite Section 3 regarding Education and Grant of the Degrees to make it more inclusive to non-PhD granting institutions. This document consists of our preliminary review and recommendations.

Section 1: Preliminary Review Summary

The 2021 COPE agreed with many of the recommendations made by the 2019 COPE. Upon considering the request from the Committee on the Profession and our own reading of the Ethical Guidelines, we've made suggestions to subsections 2. Social Responsibility of Mathematicians, 3. Education and Granting of Degrees, and 4. Publications. At the core of these suggestions are consideration of the profession and its adaptability to new social and technological situations--namely it is out of date with the current ways we teach, do research, publish, and interact within our global community inside and outside of mathematics.

Section 2: Recommendations on Social Responsibility of Mathematicians

We will start by stating this subsection's guidelines and reminding CoProf of the pending suggestions from the 2019 AMS COPE as we address these ideas more generally.

Current Wording:

II. SOCIAL RESPONSIBILITY OF MATHEMATICIANS

The Society promotes mathematical research together with its unrestricted dissemination, and to that end encourages all to engage in this endeavor. Mathematical ability must be respected wherever it is found, without regard to race, gender, ethnicity, age, sexual orientation, religious belief, political belief, or disability.

The growing importance of mathematics in society at large and of public funding of mathematics may increasingly place members of the mathematical community in conflicts of interest. The appearance of bias in reviewing, refereeing, or in funding decisions must be scrupulously avoided, particularly where decisions may affect one's own research, that of colleagues, or of one's students. When conflicts of interest occur, one should withdraw from the decision-making process.

A recommendation accurately reflecting the writer's views is often given only on the understanding that it be kept confidential; therefore, a request for a recommendation must be assumed to carry an implicit promise of confidentiality, unless there is a statement to the contrary. Similarly, a referee's report is normally provided with the understanding that the name of the writer be withheld from certain interested parties, and the referee must be anonymous unless otherwise indicated in advance. The writer of the recommendation or report must respond fairly and keep confidential any privileged information, personal or mathematical, that the writer receives. If the requesting individual, institution, agency or company becomes aware that confidentiality or anonymity cannot be maintained, that should be immediately communicated.

Where choices must be made and conflicts are unavoidable, as with editors or those who decide on appointments or promotions, it is essential to keep careful records that would demonstrate the process was indeed fair when inspected at a later time.

Freedom to publish must sometimes yield to security concerns, but mathematicians should resist excessive secrecy demands whether by government or private institutions.

When mathematical work may affect the public health, safety or general welfare, it is the responsibility of mathematicians to disclose the implications of their work to their employers and to the public, if necessary. Should this bring retaliation, the Society will examine the ways in which it may want to help the "whistle-blower", particularly when the disclosure has been made to the Society.

No one should be exploited by the offer of a temporary position at an unreasonably low salary and/or an unreasonably heavy workload.

2019 AMS COPE Recommendations

II. Social Responsibility of Mathematicians

A. The guidelines state that "[m]athematical ability must be respected wherever it is found, without regard to race, gender, ethnicity, age, sexual orientation, religious belief, political belief, or disability." It is important that the AMS has recognized these protected identity characteristics. Other identity characteristics which are protected by state and federal laws include country of origin and first language spoken.

B. The key sentence above is also too vague and lacking in conviction. What does it

mean to find mathematical talent? All too often mathematical talent is overlooked in women, LGBTQ, Black, Latinx, and Native American individuals and in people with disabilities. There are also regional biases, and the mathematical community does not search with enthusiasm for mathematical talent in Appalachia, the rural south, and low income urban communities.

C. Continuing with this same sentence, what does it mean for mathematical talent to be “respected”? “Encouraged” might better reflect the intent here. For instance, an instructor may respect the mathematical talent they find in a Latinx student, but nonetheless discourage this student from continuing in mathematics because the instructor assumes the student will not be happy in mathematics graduate school, not based on mathematical talent, but for “cultural reasons.”

D. With these points in mind, the position of the AMS should be strong and clear. The Ethical Guidelines should clearly state that the AMS encourages participation in mathematics among people who self-identify as members of groups historically excluded from mathematics, including people who self identify as women, Black, Latinx, Native American or LGBTQ. This is an opportunity for the AMS to play a leadership role.

E. Continuing in this section, it is noted that “a referee’s report is normally provided with the understanding that the name of the writer be withheld from certain interested parties, and the referee must be anonymous unless otherwise indicated in advance.” The AMS Ethical Guidelines do not supply justification here. Certainly double-blind refereeing is more objective than single-blind. Why not move in this direction?

2021 AMS COPE response and recommendations

Bullets A-D above relate to the issues of representation and inclusion in the mathematics committee--particularly those who have felt or been excluded from the community. The language in this section should be changed, in particular the word "respected", as the previous COPE acknowledged. The word doesn't imply encouragement nor cultivation of mathematical talent. The language should seek broader engagement of practitioners in both the field and in this society. However, it is difficult to find words that are both specific and inclusive. We have provided some possible considerations of language below including language borrowed from the ASA.

Considerations:

Option 1: The Society promotes mathematical research **and activity** together with its unrestricted dissemination, and to that end encourages all to engage in this endeavor. Mathematical ability must be **both encouraged and cultivated** without regard to race, gender, ethnicity, age, sexual orientation, religious belief, political belief, or disability.

Option 2: The Society promotes mathematical research **and activity** together with its

unrestricted dissemination, and to that end embraces all to engage in this endeavor. Mathematical ability must be both encouraged and cultivated without regard to human differences. Typical human differences include ancestral populations and racial categories; sex; gender identities and sexual orientation; age cohorts; religion; citizenship and national origin; health, disability and reproductive status; socioeconomic status; educational attainment; and ideological viewpoints. This list is not exhaustive. Significantly, the list is not constrained by legally mandated anti-discrimination language.

Additionally, this subsection actually contains some language regarding publications. These sentences could either be shifted to IV. Publications or replicated there. Since here they are comparing it to a recommendation.

Finally, the CoProf may want to consider tasking a future COPE with making this section more inclusive of all the work of the mathematics practitioner and not so specific to the research but including teaching and public-facing presentation.

Section 3: Recommendations on Social Responsibility of Mathematicians

We will start by stating this subsection's guidelines and reminding CoProf of the pending suggestions from the 2019 AMS COPE as we address these ideas more generally. Additionally, we summarize the request we received from CoProf to consider this section.

Current Wording:

III. EDUCATION AND GRANTING OF DEGREES

An institution granting a degree in mathematics is both certifying competence and taking responsibility for it by ensuring the high level of education and experience. Additionally, a department is committed to the standards of the practice for and education of anyone in mathematics courses, both users and creators. All members of the mathematics community who are teaching or supervising students should be stewards of the discipline, eschewing gatekeeping and cultivating inclusive culture, to orient new and established mathematical practitioners to the many paths through the profession. In particular, Ph.D. granting institutions must ensure the high level and originality of the Ph.D. dissertation work, and sufficient knowledge by the recipient of important branches of mathematics outside the scope of the thesis.

Summary of 2021 Request from CoProf

The council believes "degree" should be updated to pertain to undergraduate and master's degrees. I think it is already aligned with conversations we have had, namely that these guidelines seem to leave out many mathematicians and students.

The paragraph begins with "Holding a Ph.D. degree is virtually indispensable to an academic career in mathematics and is becoming increasingly important as a certificate of

competence in the wider job market. An institution granting a degree in mathematics..." which should speak to a far broader range of institutions than those granting PhDs in Mathematics -- but it then reverts to speaking about "the Ph.D. dissertation work" and "the thesis". The Council does not object to statements about what PhD programs should do, but notices that at present the AMS is signaling that the PhD is the only degree, or the only one the AMS cares about. The Council urgently requests that III. be rewritten carefully so that "Degrees" includes undergraduate degrees and master's degrees in a way that is truly reflected in what is being said about degrees. Put differently, there is a desire for III. to speak to all departments that grant any degree in the mathematical sciences -- even if *parts* of III refer to considerations that pertain to graduate degrees. It likely needs to be re-written, not just edited.

2019 AMS COPE Recommendations

III. Education and Granting of Degrees

A. Section III makes no mention of teaching or supervising, despite the fact that almost all professional mathematicians have teaching and student supervision as central, if not primary, responsibilities. It is noted that "[h]olding a Ph.D. degree is virtually indispensable to an academic career in mathematics and is becoming increasingly important as a certificate of competence in the wider job market." The presumption is that holding a PhD is also a certificate of competence in academic positions as well. But nearly all permanent academic positions require teaching. And the vast majority of PhD programs in mathematics do not specifically train students for positions outside of the professoriate. Is it good practice to design graduate programs focused on preparation for academic careers, where graduates will almost surely be required to teach, but to exclude teaching training from the expectations for mathematics PhD programs?

B. It is further noted that "Mathematicians and organizations involved in advising graduate students should fully inform them about the employment prospects they may face upon completion of their degrees." However PhD advisors may be relatively uninformed about career options outside of research-centered academic positions. So, advisors may be unable to comply with this guideline. An alternate interpretation of this subject is that advisors should let students know if they think the student will make it in academics. But it is dangerous for advisors to serve as gatekeepers of the discipline, especially with our current understanding of inherent bias and the gender inequity and underrepresentation in mathematics. Rather, advisors should be encouraged to support their students to the best of their abilities.

2021 AMS COPE response and recommendations

Given the CoProf and the 2019 AMS COPE has similar reflections and requests regarding broader inclusion, we have reworked the language in this section. Here is our recommended language:

III. EDUCATION AND GRANTING OF DEGREES

An institution granting a degree in mathematics is both certifying competence and taking responsibility for it by ensuring the high level of education and experience. Additionally, a department is committed to the standards of the practice for and education of anyone in mathematics courses, both users and creators. All members of the mathematics community who are teaching or supervising students should be stewards of the discipline, eschewing gatekeeping and cultivating inclusive culture, to orient new and established mathematical practitioners to an evolving profession recognizing the multitude of contributions to academic and industrial enterprises. In particular, Ph.D. granting institutions must ensure the high level and originality of the Ph.D. dissertation work, and sufficient knowledge by the recipient of important branches of mathematics outside the scope of the thesis.

Section 4: Recommendations on Publications

We will start by stating this subsection's guidelines and reminding CoProf of the pending suggestions from the 2019 AMS COPE as we address these ideas more generally.

Current Wording:

IV. PUBLICATIONS

Editors are responsible for the timely refereeing of articles and must judge articles by the state of knowledge at the time of submission. Editors should accept a paper for publication only if they are reasonably certain the paper is correct.

The contents of submitted manuscript should be regarded by a journal as privileged information. If the contents of a paper become known in advance of publication solely as a result of its submission to or handling by a journal, and if a later paper based on knowledge of the privileged information is received anywhere (by the same or another journal), then any editor aware of the facts should refuse or delay publication of the later paper until after publication of the first--unless the first author agrees to earlier publication of the later paper.

At the time a manuscript is submitted, editors should notify authors whenever a large backlog of accepted papers may produce inordinate delay in publication. A journal may not delay publication of a paper for reasons of an editor's self interest or of any interest other than the author's. The published article should bear the date on which the manuscript was originally submitted to the journal for publication, together with the dates of any revisions. Editors must be given and accept full scientific responsibility for their journals; when a demand is made by an outside agency for prior review or censorship of articles, that demand should be resisted and, in any event, knowledge of the demand should be made public.

Both editors and referees must respect the confidentiality of materials submitted to them unless these materials have previously been made public, and above all may not appropriate to themselves

ideas in work submitted to them or do anything that would impair the rights of authors to the fruits of their labors. Editors must preserve the anonymity of referees unless there is a credible allegation of misuse.

All mathematical publishers, particularly those who draw without charge on the resources of the mathematical community through the use of unpaid editors and referees, must recognize that they have made a compact with the community to disseminate information, and that compact must be weighed in their business decisions.

The Society will not take part in the publishing, printing or promoting of any research journal where there is some acceptance criterion, stated or unstated, that conflicts with the principles of these guidelines. It will promote the quick refereeing and timely publication of articles accepted to its journals.

2019 AMS COPE Recommendations

IV. Publications

A. It is stated that “[a]ll mathematical publishers, particularly those who draw without charge on the resources of the mathematical community through the use of unpaid editors and referees, must recognize that they have made a compact with the community to disseminate information, and that compact must be weighed in their business decisions.” This gives vague guidance to publishers, but does not discuss the role of the individual. If a mathematician perceives that a publisher has broken such a compact, what are they to do? Given the boycotts and other actions of recent years, the AMS would play an important leadership role in clarifying the Societies

2021 AMS COPE response and recommendations

The 2021 AMS COPE discussed recommendations to improve this section with some suggested wording. However, it deemed in need of a full rewrite the CoProf could task the next COPE to specifically consider this section. The main themes of our recommendations are transparency and addressing the advent and evolving practices of online publishing.

A. For both practitioners and those working with mathematicians, it would be appropriate to link to and reference pertinent documents like the **AMS Author Statement** guidance document (<https://www.ams.org/profession/leaders/culture/JointResearchandItsPublicationfinal.pdf>) when discussing related issues of publishing.

B. Publishers, now with forward facing websites for journals should practice increased transparency. We suggest replacing the sentence “At the time a manuscript is submitted, editors should notify authors whenever a large backlog of accepted papers may produce inordinate delay in publication.”, with: “Current information of journal backlog should be available to authors at the time of submission. A large backlog should not be used as the sole reason to reject a paper with favorable recommendations from referees.”

C. We suggest changing the sentence “Editors must preserve the anonymity of referees unless there is a credible allegation of misuse.” to “Editors must preserve the anonymity of

referees unless there are credible grounds to suspect misuse the privilege of access to confidential information.”

D. Again, with respect to increase and prevalence of online publishing, the topic of predatory publishers should be included in the guidelines. Suggested language: "Citation metrics are increasingly used to compare the scholarship of both individuals and institutions. Changes to publication and citation patterns intended to affect these metrics can have a corroding effect on the mathematical literature. It is incumbent on publishers, editors, referees, and authors to uphold the standards of the mathematical literature and not facilitate or engage in practices that primarily seek to affect citation metrics."

E. There are references to single-blind vs. double-blind publishing in the Social Responsibility of Mathematicians subsection; however it belongs here. It reads that single-blind is acceptable. If so, explicit mention that it is traditionally acceptable should be included; however, also acknowledge the possible issues in single-blind regarding issues and equity.

2021 ANNUAL REPORT OF THE AMS-ASA-MAA-SIAM DATA COMMITTEE

The AMS-ASA-MAA-SIAM Joint Data Committee guides the collection and dissemination of data under the aegis of the Mathematical and Statistical Sciences Annual Survey on matters of concern to the mathematical and statistical sciences community. The committee held its annual meeting virtually during the Joint Mathematics Meetings in March 2021. There it discussed data gathered, summarized, and published during the previous year and made recommendations on data to be gathered in 2021. AMS Staff in Providence, under the direction of T. Christine Stevens, Associate Executive Director for Meetings and Professional Services, carry out the collection and analysis of data and the writing of the reports jointly with the committee chair. AMS staff members involved in this work during 2021 included Thomas Barr, Director of Programs, Colleen Rose, Manager of Programs, Kayla Roach, Programs Specialist, and Vina Macias, Survey Assistant.

Based on data gathered in questionnaires sent to departments of mathematical sciences in the U.S. and to new doctoral recipients that earned degrees between July 1, 2018–June 30, 2020, three reports were published in the *Notices of the AMS* during 2020.

Members of the committee for 2021 and the organization they represent are given below. Terms expire on January 31 of the listed year.

Thomas Barr	AMS	Ex Officio	Mary D. Shepherd	MAA	2024
Sarah Bryant	AWM	2022	Amanda L. Golbeck	ASA	2022
Karl-Dieter Crisman	MAA	2024	Douglas Meade	AMS	2023
Duane Cooper	AMS	2022	Maria Helena Noronha	AMS	2022
Nusrat Jahan	CWS	2023	Bogdan Vernescu	SIAM	2022
Brittany Mosby	NAM	2024	Andrew Whelan	AMS	2022

What's New:

- 1) Here are the Annual Survey reports published during the past year and in press; the authors are Amanda L. Golbeck, Thomas H. Barr, and Colleen A. Rose:
 - 2018 – 2019 Academic Recruitment, Hiring, and Attrition, to appear in *Notices of the AMS*, April 2022
 - 2019 – 2020 Faculty Salaries Report, to appear in *Notices of the AMS*, April 2022
 - Report on the 2018-2019 Doctorate Recipients, to appear in *Notices of the AMS*, May 2022
 - Report on the 2019-2020 Doctorate Recipients, to appear in *Notices of the AMS*, March 2022

Attachment:

AMS-ASA-IMS-MAA-SIAM Surveys of U.S. Mathematical Sciences Departments

Submitted by: Amanda L. Golbeck
JTDATA Chair
September 2021

AMS-ASA-IMS-MAA-SIAM Surveys of U.S. Mathematical Sciences Departments

The AMS-ASA-MAA-SIAM Data Committee gives advice to AMS staff about annual data gathering from U.S. departments in the mathematical sciences. This data gathering was started by AMS in 1957 and has continued uninterrupted since that time. The MAA joined this effort in 1989 and in more recent times IMS, ASA and SIAM have become sponsors. AMS staff, under the Associate Executive Director for Meetings and Professional Services, carries out the survey work. The Chair of the Data Committee and appropriate personnel at AMS currently write reports each year which are published in *Notices of the AMS* based on the annual surveys. The current reports are highlighted below.

New Doctoral Recipients: Each calendar year the data gathering begins in April. Doctoral granting departments in the mathematical sciences in the U.S. are asked to provide information about their new doctoral recipients from July 1 the previous year through June 30 of the current year. The departments are asked for the names of their new doctoral recipients, dissertation titles, addresses, citizenship, current employment status, etc. Using the names and addresses provided, a questionnaire is sent to each new doctoral recipient asking for current employment status, salary, gender, etc. This information provides a more comprehensive look at the new doctoral recipients as well as giving information about their starting salaries. This information is typically published in the August issue of *Notices of the AMS*.

Academic Recruitment and Hiring: Each July, departments are asked to report on their efforts to recruit new faculty during the previous year and report on the new faculty hired as a result of their recruiting. The results of this survey are typically published in a spring issue of *Notices of the AMS*.

Faculty Salaries: Each September, a questionnaire is sent to mathematical sciences departments in all 4-year colleges and universities in the U.S. asking them to provide salary information for all tenured or tenure-track faculty in their department for the upcoming academic year. This information is reported by group (see group definitions below) and by rank. Information gathered for this report is typically published in a spring issue of the *Notices of the AMS*.

Employment Experiences of New Doctoral Recipients: Beginning each October, further information is gathered about new doctoral recipients. Using the names and addresses of new doctoral recipients provided earlier on the Survey of New Doctoral Recipients, a questionnaire is sent to each new doctoral recipient asking for current employment status, salary, gender, etc. This information, combined with the final data gathered on the Survey of New Doctoral Recipients, provides a more comprehensive look at the new doctoral recipients as well as giving information about their starting salaries. This information is typically published in the August issue of *Notices of the AMS*.

Departmental Profile: Faculty Profile, Enrollment, and Degrees Awarded Profile, Graduate Student Profile: In January, another questionnaire is sent to all departments of Mathematical Sciences awarding a doctoral or master's degree and to departments awarding at most a bachelor's degree. It asks them for details about the number and type of faculty, enrollments in courses by broad categories, number, and type of graduate students in departments with graduate programs, etc. Information from this questionnaire is used to provide a profile of

each reporting group of departments. The results are typically published in a fall issue of *Notices of the AMS*.

Group definitions. Departments in the U.S. are divided into groups, and results are given for each of these groups in reporting on these surveys. The Data Committee adopted the current grouping scheme in the 2012 cycle of surveys. For more details see <http://www.ams.org/profession/data/annual-survey/groups>.

Other activities. The Annual Survey Data Committee also offers guidance to AMS survey staff on the data gathered for presentation as an online resource for prospective students in the Mathematical Sciences. This online resource *Graduate Programs in the Mathematical Sciences* is primarily intended as a convenient source of comparative information on graduate programs in the mathematical sciences.

From time to time departments ask for salary information for a peer group of their department. The staff at AMS provides this information whenever an appropriate peer group is available and the confidentiality of individual department responses can be assured. The committee currently holds a half-day meeting at the Joint Mathematics Meetings in January each year.

Report of the Arnold Ross Committee

The annual Arnold Ross Lecture is to stimulate the interest of talented high school students in mathematics beyond the traditional classroom and to show the broad opportunities for careers stemming from mathematical training.

The current membership is:

Robert A. Fefferman, University of Chicago
Li-Mei Lim, Brown University
Ken Ono, Chair, University of Virginia
Jim Fowler, Ohio State University

The 2021 Arnold Ross lecture was to be given by Noam D. Elkies. The American Regions Mathematical League (ARML), which was to be the site of the lecture, held a modified virtual format of their competition and the Arnold Ross lecture was not included in the event. Dr. Elkies' lecture has been rescheduled for 2022, most likely at Pennsylvania State University.

*Submitted by the AMS Programs Department
November 2021*

2021 Report of the Young Scholars Award Committee

The 2021 AMS Young Scholars Award Committee members include Rebecca Garcia (Chair, Sam Houston State University), Ronald Solomon (Ohio State University), Robert Lemke Oliver (Tufts University), and Diana Davis (Swarthmore College). After deliberation, the committee recommended that from the original pool of 33 applications, through MathPrograms.org, the AMS funds the following 24 programs in the amounts listed below.

	PI	Program Name	Funding Amounts
1	Mikil Foss	All Girls All Math Virtual Summer Camp	\$3,780
2	Daniel Zaharopal	BEAM, Art of Problem Solving	12,450
3	Richard Porter	Bridge to Calculus Program	4,200
4	Marisa Debowsky	Canada/USA Mathcamp	4,200
5	Japheth Wood	Creative and Analytical Math Program of Bard Math Circle	2,520
6	Kaitlin Cicchetti	Early Identification Program	4,200
7	Ken Roblee	Girls Get Math with Data	4,200
8	Karen Taylor Mitchell	Governor's Institutes of Vermont	2,520
9	David C. Kelly	Hampshire College Summer Studies	2,520
10	Toussaint Tyson	Math an' Coding	4,200
11	Eileen Mullini-Gasteier	Math Circles of Chicago	4,200
12	Zhisheng Shau	Math Knights Summer Institute	2,520
13	sarah-marie belcastro	MathILy	2,520
14	Alice Mark	MathILy-Er	2,520
15	Max Warshauer	Mathworks Honors Summer Math Camp	8,300
16	Kovan Pillai	New York Math Circle	2,520
17	Li-Mei Lim	PROMYS	5,880
18	Luis Carceres	PROTaSM	6,640
19	Jim Fowler	Ross Mathematics Program	4,200
20	Ron Irving	Summer Institute for Math at UW	2,500
21	Grace Natalie Jaffe	Summer Illinois Mathematics Camp	3,360
22	Selin Kalaycioglua	Summer Math Program for Young Scholars	4,200
23	Jim Brown	TexPREP-Lubbock	6,640
24	Adrian Mims	The Calculus Project & Leadership Academy	4,200
		Total Amount	\$104,990

*Submitted by the AMS Programs Department
 December 2, 2021*

Annual Report of the Mathematics Research Communities Advisory Board

The Mathematics Research Communities (MRC, <http://www.ams.org/programs/research-communities/mrc>) is an AMS program that provides early-career mathematicians opportunities to jump start their research in in new, rapidly developing areas of mathematics. It is supported by generous grants from the National Science Foundation (NSF, DMS numbers 1641020 and 1916439), donations from individuals, and AMS funds. Aimed at those who are close to finishing their doctorates or have recently earned their degrees, the program provides the participants with opportunities to build social and collaborative research networks with each other and with the senior organizers.

Each year, the Advisory Board selects three to five mathematical topics as the foci of a program that includes:

- Intensive one-week-long summer research conferences for each topic
- Special Sessions at the Joint Mathematics Meetings (JMM) in the January following the summer conferences
- Guidance in career building
- Follow-up small-group collaborations
- Longer-term opportunities for collaboration and community building among the participants

Participants also agree to provide feedback regarding their career development for a period of five years following the summer conference.

The program began in 2008 and currently has grant support, nominally through 2022, but in reality through 2023 because of COVID-pandemic-induced postponements and efficiencies at the conference site for 2018 and 2019. In the years 2008 through 2021, the program has run 48 summer conferences on topics spanning a good bit of the mathematical research landscape and has produced between 1,400 and 1,500 participant alumni. In recent years, some of those alumni have themselves become organizers.

Each year at the conclusion of the summer conferences, participants and organizers participate in a gender/race/ethnicity survey. In the four years 2016 – 2019, approximately 36% of 473 responding participants have been women, 9% have identified as of Hispanic/Latino ethnicity, and about 1.5% have identified as Black/African American. Approximately 31% of organizers in this period were women.

AMS conducts a longitudinal study of the most recent five years of MRC alumni to attempt to track their professional development and career arcs. Among the data collected in the annual questionnaires are references for publications that the participants have produced as a result of MRC participation. In the data collected in the spring of 2020, alumni from the years 2015 – 2019 reported approximately twenty newly published papers as well as twenty additional arXiv postings and papers under review. Response rates were lower this year to the questionnaire, so the actual numbers of publications and preprints emanating from participation in these five cohorts is undoubtedly much higher.

Besides recruiting, evaluating, and recommending proposals to organize MRC summer conferences, the Advisory Board also has the goals of raising the visibility of the MRC program and providing occasional advice to the AMS staff in its administration of the program.

The summer conferences scheduled for 2020 were postponed and held virtually in 2021. The AMS had recruited five groups of participants focused on the following topics and organized by the individuals listed:

- ***Dynamics of Infectious Diseases: Ecological Models across Multiple Scales*** – Julie Blackwood, Williams College; Lauren Childs, Virginia Tech; Suzanne Lenhart, University of Tennessee, Knoxville; Olivia Prosper, University of Tennessee, Knoxville. 20 participants
- ***Combinatorial applications of Computational Geometry and Algebraic Topology*** - Stephen Melczer, University of Pennsylvania; Marni Mishna, Simon Fraser University; Robin Pemantle, University of Pennsylvania. 20 participants
- ***Analysis in Metric Spaces*** – Mario Bonk, University of California at Los Angeles, Luca Capogna, Worcester Polytechnic Institute; Piotr Hajlasz, University of Pittsburgh; Nageswari Shanmugalingam, University of Cincinnati; Jeremy Tyson, University of Illinois at Urbana-Champaign, 20 participants
- ***New Problems in Several Complex Variables*** – Dusty Grundmeier, Harvard University; Loredana Lanzani, Syracuse University; Yunus Zeytuncu, University of Michigan-Dearborn. 20 participants
- ***Finding Needles in Haystacks: Approaches to Inverse Problems using Combinatorics and Linear Algebra*** – Shaun Fallat, University of Regina; H. Tracy Hall, NewVistas LLC; Leslie Hogben, Iowa State University and the American Institute of Mathematics; Bryan Shader, University of Wyoming; Michael Young, Iowa State University. 40 participants

The admission process ultimately netted approximately 291 applications (which came from 276 individuals; some applied to multiple MRCs), and from these the organizers and program directors selected 120 participants with grant support and one self-funded participant. With the onset of the COVID-19 pandemic, the organizers and directors agreed to begin preparatory activities for the participants in the summer of 2020 and the conferences were postponed to 2021 and held virtually. Thus, in lieu of face-to-face collaborations, the organizer teams engaged their participants in a variety of online gatherings, readings, and discussions. The expectation was that a longer-than-usual preparatory period would set the stage for even more productive collaborations at the 2021 conferences.

In January 2021 at the virtual Joint Mathematics Meetings, one AMS Special Session on the 2019/2020 topics (*AMS Special Session on The Inverse Eigenvalue Problem for Graphs, Zero Forcing, and Related Topics, I: Bryan L. Shader, University of Wyoming and Leslie Hogben, Iowa State University/AIM*) was part of the program, presented by two of the summer conference organizers.

Proposals and pre-proposals to organize what were anticipated to be conferences held in 2022 were due in early fall 2020, and AMS received six such (pre-)proposals. The Advisory Board evaluated them, and three topics were selected:

- ***Applied Category Theory*** – John Baez, University of California Riverside; Simon Cho, University of Michigan; Daniel Cicala, University of New Haven; Nina Otter, University of California Los Angeles; Valeria de Paiva
- ***Data Science at the Intersection of Analysis, Geometry, and Topology*** – Marina Meila, University of Washington; Facundo Memoli, The Ohio State University; Jose Perea,

Michigan State University; Nicolas Garcia Trillos, University of Wisconsin Madison;
Soledad Villar, New York University

- **Trees in Many Contexts** – Miklos Bona, University of Florida; Eva Czabarka, University of South Carolina; Heather Smith, Davidson College; Stephan Wagner, Stellenbosch University; Hua Wang Georgia Southern University

In addition, a fourth MRC with a focus on problems of relevance in business, industry, and government (BIG) was recruited and will run alongside these three:

- **Models and Methods for Sparse (Hyper)Network Science** -- Sinan G. Aksoy, Pacific Northwest National Laboratory; Aric Hagberg, Los Alamos National Laboratory; Cliff Joslyn, Pacific Northwest National Laboratory; Bill Kay, Oak Ridge National Laboratory; Emilie Purvine, Pacific Northwest National Laboratory; Stephen J. Young, Pacific Northwest National Laboratory; Jennifer Webster, Pacific Northwest National Laboratory

As another result of the pandemic, these conferences were postponed until summer 2022.

The Board and program directors are presently considering the expressions of interest received in the fall of 2021.

*Prepared by:
Frank Thorne, chair, MRC Advisory Board
Thomas H. Barr, AMS Director of Programs, PI on NSF award # 1641020 and NSF award #1916439
November 2021*

AMS Short Course Subcommittee Annual Report

Committee Members

Jennifer S. Balakrishnan (Boston University), chair
Andrew J. Blumberg (University of Texas Austin)
Keenan Crane (Carnegie Mellon University)
François Delarue (Université de Nice Sophia-Antipolis)
Ernest Fokoue, (Rochester Institute of Technology)
Rekha Thomas (University of Washington)
Stephanie L. Vance, (Ellicott City, MD)

In January 2021, the Short Course “Mathematical and Computational Methods for Complex Social Systems,” ran virtually just before the 2021 Joint Mathematics Meetings, which was also held virtually, with 379 individuals enrolling and 13 organizers, speakers, and panelists involved in its execution.

By February 2021, the Committee received one proposal to organize a short course at the 2022 Joint Meetings, “3D Printing: Challenges and Applications,” from Professors Maria Trnkova, University of California, Davis and Andrew Yarmola, Princeton University. The proposal was approved, and the course will run, January 3-4, 2022, on the site of and just preceding the Joint Mathematics Meetings. Registration as of November 17 was up to 16.

Throughout mid- to late-2021, the AMS published a call for proposals to organize the 2023 Short Course, and it expects to receive proposals and make selections by March 2022.

*Submitted by the AMS Programs Department
December 2, 2021*

AMS-ASA-MAA-SIAM Data Committee

General Description

- Committee is standing and joint with ASA, MAA, and SIAM
- Number of voting slots is ten: 4 appointed by AMS, 3 by MAA, 2 by ASA, and 1 by SIAM
- The Committee will include three non-voting members with staggered three-year terms, respectively to be designated by the Association for Women in Mathematics, the Caucus for Women in Statistics, and the National Association of Mathematicians.
- One non-voting AMS staff member serves *ex officio* to support the Committee
- Voting member term is three years
- Voting members are appointed by the presidents of the respective societies; the Committee selects a chair

Principal Activities

The Joint Data Committee studies the continuing and long-range needs of the mathematical sciences community, and it makes recommendations concerning ongoing and new data collection and analysis efforts that will insure reliable and timely information about the profession that is usable by the memberships of the societies represented on the Committee, the mathematical community, and the wider national and international communities. The Committee advises the AMS staff regarding its activities to gather and analyze data, interpret results, and disseminate information pertaining to the mathematical sciences community. These staff activities include the collection and interpretation of data on the employment of mathematical scientists, annual production of PhDs in the mathematical sciences, starting salaries, faculty salaries, graduate programs, and undergraduate programs. Together these activities constitute the Annual Survey of the Mathematical Sciences, the results of which are published in several reports throughout the year in the *Notices of the AMS* and other venues.

Other Activities

The Committee maintains liaisons with other professional societies, business, industry, government, educational institutions, and various extra-academic organizations to sustain a broad perspective on activities connected with mathematics.

The Committee reports to the AMS Council annually on its activities.

Member Society Responsibilities

Member societies make financial contributions to defray the costs of administering the Annual Survey. Members of the Committee keep their respective societies apprised of committee activities, and specifically should foster awareness of the publication of new reports on the Annual Survey.

Miscellaneous Information

The Chair of the Committee typically co-authors each of the regularly published reports related to the Annual Survey and therefore works closely with AMS staff members who provide professional and clerical support for the Committee. It is desirable for at least some members to have statistical expertise.

The Committee meets virtually and may also conduct business through email correspondence.

Note to the Chair

Work done by committees with recurring agenda items may have value as precedent or work done may have historical interest. Because of this, the Council has requested that a central file system be maintained for the Society by the Secretary. Committees are reminded that records of work should be kept and submitted annually to the Secretary for archival purposes. Confidential material should be noted, so that it can be handled in a confidential manner.

Past Members

A list of current and past Committee members is available at <http://www.ams.org/about-us/governance/committees/jtdata-past.html>

Authorization

ECBT minutes, 11/88

Council minutes, 01/91, 01/07, 4/10, 01/21

created 12/13/89; updated 10/31/90; updated 920818 by RMF with method of appointing members; Council approved IMS participation 910107; updated 8/24/94; 5/04/95; 3/01/99; 1/07; 8/09; 3/10; 4/10; 10/13 Misc Info, Note to Chair, membership, 1/21/21 Council approved AWM, CWS, & NAM participation and Misc Info.

Council Actions

Council Minutes, January 2021, Item 4.6.6

The Council approved CoProf's recommendation to add to the Joint Data Committee three non-voting members with staggered three-year terms, respectively to be designated by the Association for Women in Mathematics, the Caucus for Women in Statistics, and the National Association of Mathematicians

The Council approved changing the section of JTDATA's Charge on Miscellaneous Information that required that the Committee meet face-to-face annually and approved the recommendation that all future JTDATA meetings be held virtually, rather than in person.

Council Minutes, April 2010, Item 7.2

The name of the AMS-ASA-IMS-MAA-SIAM Data Committee has been changed to delete "IMS" from the title. The Institute of Mathematical Statistics (IMS) will continue to support the Annual Survey but no longer will send a representative to the Joint Data Committee. Due to its financial support of the project, the IMS initials will appear on the Annual Survey reports.

Council Minutes, January 2007, Item 3.1

Council approved changing the committee name to the AMS-ASA-IMS-MAA-SIAM Data Committee. The Committee makes policy about the collection of data, but does not actually carry out data collection, and this change removes explicit reference to the annual survey in the title.

Council Minutes, January 1992, Item 2.1

The Council approved participation of IMS in the Annual Survey and concomitant membership on the AMS-MAA Data Committee.

Council Minutes, August, 1989, Item 4.5.2

The Council adopted the following recommendations of the AMS-MAA Committee on Employment and Education Policy (CEEP):

- Effective January 1, 1990, the Data Subcommittee become a standing AMS-MAA committee, with representation from each society. Societies are expected to continue appropriate support of the Committee and the annual AMS-MAA Survey.
- SIAM participation. SIAM be invited to participate actively in the standing Data Committee.
- Employment Concerns Subcommittee. The Employment Concerns Subcommittee be disbanded.



The AMS Fellows Program

[Goals of the Fellows Program](#)

[I. Program](#)

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This a document describing the Fellows program that was approved by the AMS membership in 2011 and subsequent changes approved by the Council. As specified in the member-approved proposal, details of the program may be changed by the AMS Council, keeping in mind the intent of the membership when the initial program was approved.

A change history to this document is available in Appendix A.

Goals of the Fellows Program

The goals of the Fellows Program are to:

1. Create an enlarged class of mathematicians recognized by their peers as distinguished for their contributions to the profession.
2. Honor not only the extraordinary but also the excellent.
3. Lift the morale of the profession by providing an honor more accessible than those previously available.
4. Make mathematicians more competitive for awards, promotion and honors when they are being compared with colleagues from other disciplines.

5. Support the advancement of more mathematicians in leadership positions in their own institutions and in the broader society.
-

I. Program

- A. The Fellows program of the American Mathematical Society recognizes members who have made outstanding contributions to the creation, exposition, advancement, communication, and utilization of mathematics.
- B. The responsibilities of Fellows are to:
 1. Take part in the selection of new Fellows.
 2. Present a “public face” of excellence in mathematics.
 3. Advise the President and/or the Council on public matters when requested.
- C. The target number of Fellows will be determined by the AMS Council as a percentage of the number of members. [1] The target percentage will be revisited by the Council at least once every ten years and may be increased or decreased in light of the history of the nomination and selection process. The intended size of each year’s class of new Fellows should be set with this target size in mind.
- D. Following a selection process (see below), individuals are invited to become Fellows. They may decline and they may also resign as Fellows at any time.
- E. Fellows receive a certificate and their names are listed on the AMS website. The names of new Fellows are also included in the Notices each year.
- F. If they are not already Fellows, the AMS President and Secretary are made Fellows when they take office.

II. Initial Implementation

- A. In the initial year of the program, individuals who were AMS members during both the years 2010 and 2011 and who had done one or more of the following were invited to become AMS Fellows: [2]
 1. Given an invited AMS address (including at joint meetings). [3]
 2. Been awarded an AMS research prize. [4]
 3. Given an invited address at an International Congress of Mathematicians (ICM) or an International Congress of Industrial and Applied Mathematicians (ICIAM). [3]
- B. An additional 50 individuals who were AMS members during both the years 2010 and 2011 were selected to become AMS Fellows. These were chosen by a committee appointed by the President with the advice of the Executive Committee of the Council. Attention was paid to selecting AMS members recognized for their contributions beyond research.

III. Selection Process

- A. New Fellows are selected each year after a nomination process. The nomination process is carried out under the direction of the Secretary with help from the AMS staff. The procedures for nominating AMS Fellows are available on the AMS website.
- B. The Selection Committee will consist of twelve members of the AMS who are also Fellows, each serving a three-year term, and with four new members appointed each year. The AMS president, in consultation with the Executive Committee of the Council, appoints the new members of the Selection Committee in November of each year. At the same time, the President nominates a continuing member of the Selection Committee to serve as Chair.
- C. The Selection Committee accepts nominations for Fellows between February 1 and March 31 each year. Nominations are made by members of the AMS. A member can nominate no more than 2 nominees a year. Current members of the Selection Committee are not allowed to participate in a Fellows nomination either as a principal nominator or as a supporting member.
- D. To be eligible for nomination to Fellowship, an individual must be an AMS member for the year in which he or she is nominated as well as for the prior year. Self-nominations are not allowed.
- E. A principal nominator must supply a package with the following information on the nominee:
 1. A Curriculum Vitae of *no more than five pages*.
 2. A citation of fifty words or less explaining the person's accomplishments.
 3. A statement of cause of 500 words or less explaining why the individual meets the criteria of Fellowship.
 4. The signatures of the principal nominator and three additional (supporting) AMS members who support the nomination, with at least two of these individuals current Fellows. Each supporting member is required to explain in a sentence or two why they are supporting the nomination. Their remarks will be very helpful to the selection committee.
- F. Any person who is nominated and is not selected a Fellow will remain an active nominee for a further two years.
- G. Each year the January Council provides a guideline for the number of Fellows to be selected. [5] The Selection Committee chooses Fellows from the nominations bearing in mind this guideline, diversity of every kind, and the quality and quantity of the external nominations.
- H. Those members who are chosen by the Selection Committee are invited by the President to become new Fellows of the AMS.

IV. Resignation of a Fellow

The April 2019 Council agreed that any Fellow has the right to resign and approved the following procedures in the event of such a resignation:

- Resigning a Fellowship will remove the Fellow's name from the Fellows database and from the list of Fellows posted here: <http://www.ams.org/profession/fellows-list> but not from any historical records, such as previous announcements of new classes of Fellows.
- No special indication will be made on the Fellows website of a resignation, only the removal of the name.
- A resignation is permanent. If the individual resigning Fellowship desires to become a Fellow again, they would need to be renominated and go through the usual process.

V. Revocation Policy

Fellows of the AMS represent the Society and are expected to maintain a high standard of professional ethics. The Society reserves the right to revoke the title of AMS Fellow from those Fellows whom it deems to have fallen below this standard.

Behaviors that may result in Fellowship revocation include research misconduct, as well as actions that betray the promise of an inclusive environment. The former includes offenses such as plagiarism or theft of intellectual property. Examples of the latter include sexual harassment, racial discrimination, and retaliation (or the threat thereof) for the reporting of these or other ethical lapses. The revocation policy is primarily but not exclusively directed toward professional ethics: the AMS reserves the right to consider ethical standards in other venues insofar as the Fellow's behavior may reflect poorly on the Society and the profession.

Evidence for deciding on Fellowship revocation will consist exclusively of findings by institutions such as employers, colleges and universities, government agencies, other societies, and the AMS itself when the issue arose under AMS jurisdiction. The AMS will not perform any independent investigation of ethical violations not occurring under its own auspices.

The process of Fellowship revocation is initiated by a request to the Prize Oversight Committee (POC), which can be made anonymously via the AMS website. The POC will contact institutions to corroborate their findings. Should the POC deem the findings to be sufficiently grave, the respondent will be contacted, presented with the evidence, and given the opportunity to make a statement; the respondent may also choose to resign the AMS Fellowship.

The POC will then vote on a recommendation to the Council. The final decision will be taken by the AMS Council and is not subject to appeal.

Footnotes

1: The original proposal's recommendation to Council was 5% of members. At that time there were about 30,000 members so the number of Fellows would be about 1,500.

2: It was anticipated that the seeding process described in II.A would produce offers of Fellows status to approximately 800 current AMS members.

3: An invited address is one given at the invitation of the program committee and delivered before January 1, 2012.

4: These are the Birkhoff, Bôcher, Cole, Conant, Doob, Eisenbud, Fulkerson, Moore, Robbins, Satter, Steele, Veblen, Whiteman, and Weiner prizes. Again, the prize must have been awarded before January 1, 2012.

5: It is anticipated that during a transition period of approximately 10 years about 75 new Fellows will be appointed each year. In the steady state of 1500, it is anticipated that about 40 new Fellows positions will occur annually due to attrition.

Appendix A: Change history

Change history for the Fellows program document. Each row represents a Council action.

A

Date of Council Action	Reference to Minutes	Change required	Location in this document where change is found
January 2021	Section 4.11.1	Add revocation policy to Fellows webpages	Newly added Item V
		[update table in date-descending order, most recent first]	
April 2019	Section 6.3	Procedure in the event of a Fellow's resignation was added as Item IV	Newly added Item IV
Jan 2019	Section 4.19.1, p. 15	Each nomination for the AMS Fellows program requires supporting statements from three current members of the AMS. After being identified by the nominator, those individuals are asked to confirm their support and explain in a sentence or two why they are supporting this nomination. Council approved making the field for supporting statements mandatory	Item III, E, 4 Changed the word "asked" to "required."
Jan 2014	Section 4.10.2, p. 11	Council approved the sentence "Current members of the Selection Committee may not make nominations for Fellows." Council voted to clarify this by replacing this sentence with "Current members of the Selection Committee may not participate in a Fellows nomination either as a principal nominator or as a supporting member."	Item III, C.
Jan 2014	Section 4,10.3, p. 12	Council approved amending the proposed request to supporting nominators to read "Please explain in a sentence or two why you are supporting this nomination. Your remarks will be very helpful to the selection committee".	Item III, E, 4 updated with "Each Supporting AMS Member is asked to explain in a sentence or two why they are supporting the nomination. Their remarks will be very helpful to the selection committee."

Jan 2014	Section 4.10.1, p. 13	Council approved the Fellows Selection Committee recommendation that self-nominations no longer be allowed.	Item III, D.
April 2012	Section 4.6.1, p. 8	In the Selection Committee charge, Council approved removing the sentence "The Selection Committee has the discretion to make nominations to fulfill the general goals of the Fellowship". This document was also updated to reflect the same information as the charge.	Item III, G.

*Prepared by Boris Hasselblatt
Secretary of the AMS
October 29, 2021*

Statistics of Fellows Program (as of October 2021)

Year	Number of AMS Members in December of (Year)	Council target	Total nominees (including hold-overs)	Selected	Number of third year nominees selected	Number of second year nominees selected	Number of first year nominees selected	Living Fellows as of October of (Year)
2012	30,422			1125	--	--	--	1121
2013	30,548	75	62	50	--	--	50	1158
2014	29,166	60	132	63	--	3	60	1211
2015	28,468	50	178	50	0	6	44	1253
2016	28,196	50-65	194	65	9	15	41	1303
2017	28,235	50-65	153	63	15	4	44	1358
2018	28,110	50-65	144	65	7	5	53	1393
2019	27,224	45-60	122	52	3	9	40	1432
2020	26,510	40-45	144	46	1	6	39	1418
2021	TBD	40-50	142	45	3	10	32	1496

Committee on Committees

General Description

- Committee is standing
- Number of members is eight
- Term is two years

The President and Secretary serve as *ex officio* members. The committee should also consist of the President Elect (when there is one) and six other members, of whom one is a member of the Executive Committee (in addition to the three named above), at least one more is a member at large. The other three are appointed at the will of the President and need not be Council members.

Principal Activities

The Committee recommends committee appointments to the president.

The AMS strives for diversity in gender, race, geography, area of mathematics, and type of institution, for both its membership and its leadership. The Committee on Committees is expected to keep diversity of all kinds in mind when selecting candidates.

Other Activities

Equal Opportunities for Women

The Business Meeting of the January 19, 1972 passed the following resolution:

Resolved that:

4. The American Mathematical Society will work actively for equal opportunities for women in the following areas:
 - A. Employment at all levels: this will include the search for a recruitment of qualified women.
 - B. Advancement and tenure in academic positions.
 - C. Admissions to graduate schools.
 - D. Graduate and postdoctoral fellowships and assistantships.
 - E. Membership on advisory boards and panels; and
 - F. The Society will include more women on
 1. Society programs and panels, including invited speakers and section chairmen.
 2. Society committees and governing boards.

The Council of August 29, 1972 instructed the Secretary to call part two of the resolution regularly to the attention of individuals in charge of various parts of Society programs.

The Secretary proposes to do this by distributing this sheet from time to time as follows:

Colloquium Editorial Committee
Committee on Summer Institutes

Committee on Applied Mathematics
Organizing Committees for Institutes, Seminars, and Symposia
Associate Secretaries

He asks in turn that the Associate Secretaries see that their Section Program Committee and the organizers of informal sessions and chairmen of invited twenty minute papers receive copies.

Miscellaneous Information

The Committee usually meets once or twice a year, perhaps at the Annual Meeting and at the Spring Council meeting. Travel expenses to such meetings are reimbursed. This committee has been designated at **LEVEL B**.

Note to the Chair

Committee chairs should be informed, at the beginning of each fiscal period, of the budget of their committees and cautioned to remain within the budget. Such items as travel reimbursement, accommodations, and meals for guests of any kind fall within these budgets.

Work done by committees on recurring problems may have value as precedent or work done may have historical interest. Because of this, the Council has requested that a central file system be maintained for the Society by the Secretary. Committees are reminded that a copy of every sheet of paper should be deposited (say once a year) in this central file. Confidential material should be noted, so that it can be handled in a confidential manner.

Authorization

6/13/90; updated 10/90; 12/92; 8/94; 5/95; 7/99; 8/09; 12/13 Misc Info, Note, membership

Past Members

A list of current and past members is available here:

<http://www.ams.org/about-us/governance/committees/conc-past.html>

AMS Nominating Committee

General Description

- Committee is standing.
- Number of members is nine.
- Term is three years beginning on 01 January after year of election.
- This is a committee of the Council.

Principal Activities

The Nominating Committee (NC) recommends to the Council a slate of officers for election in the fall election. (If changes are made to the Bylaws that affect the election process, these charges are changed accordingly.)

1. Every even year the committee recommends two nominees for election to the position of President Elect as well as a Nominator for each candidate.¹
2. Every year the committee recommends two nominees for election to the position of Vice President.
3. Every year the committee recommends up to ten nominees for election to the position of Member at Large of the Council.
4. Every year the committee recommends up to two nominees for election to the position of Trustee.
5. The committee makes other recommendations and nominations as requested by the Council.

The Council is charged with the task of actually nominating the candidates for election; by contrast the NC is charged with recommending nominations to the Council. (The Council has been known to change a recommendation, but infrequently.)

The NC should determine if potential nominees are willing to stand for election and serve if elected.

The AMS strives for diversity in gender, race, geography, area of mathematics, and type of institution, for both its membership and its leadership. The Nominating Committee is expected to keep diversity of all kinds in mind when selecting candidates.

Description

1. In each odd year a new President Elect is elected. The President Elect serves in this position for one year, then serves as President for two years, and then serves as Immediate Past President for one year.

1bis. The Nominating Committee is charged with choosing one or two authors per

¹ For the election of 2003, and all odd-numbered years since, the Nominating Committee has made recommendations for candidates for President Elect a full year in advance of the election.

candidate for a nomination article supporting the candidacy to appear in the Notices. This choice should typically be made in consultation with the candidate. Normally the nomination article will be one to three pages and contain pertinent biographical information and an overview of the mathematical and other relevant contributions of the nominee. The articles not only serve to influence voters, but also to honor the candidates and to disseminate their work, and may help to encourage potential candidates to accept nomination. The choice of the authors should be made with great care.

2. The positions of Vice President and Member at Large of the Council are contested. The NC normally recommends two candidates for each position. Candidates for these positions can also be recommended to the Council by petition. The petition procedure begins in November of the year before an election when the forms and rules are published in the Notices. The Council has instructed the NC to prepare two nominations per post to be filled (in effect, ten nominations for Member at Large and two for Vice President). This is without regard to any nominations by petition that the Council will consider.

History

The Council of 12 April 2003 adopted the following:

The Nominating Committee shall produce two nominations per post to be filled (independent of any nominations by petition that might be filled on behalf of suggestions for Vice President or for Council).

The Council of 12 January 1993 adopted the following:

- I. Procedures and scheduling for the nomination process shall remain as at present. The NC should make some start on its deliberations in December, but will not meet face to face until the Winter meeting.
- II. In order to ensure communication between NC and Council, there shall be an agenda item for discussion of NC plans during executive session of the Winter meeting provided this is requested either by the Chair of the NC or by the President, or a representative of the President. The NC chair shall be invited to attend for this item, expenses being borne by the AMS.
- III. The NC chair or designated substitute shall attend Council in executive session at the Spring meeting for the discussion of the NC report, with expenses borne by the AMS.
- IV. The Secretary shall keep the NC informed of any nominations by petition which appear likely to receive the prescribed number of signatures.
- V. The Secretary shall inform candidates for any office (including NC) of the duties and conditions of the office.
- VI. The briefing of the NC shall include description of Council policies on nomination.
- VII. The chair of the NC shall be elected by the NC from among its second year members.

The Council of 17 April 1993 passed the following resolution:

Any member in good standing of the Society is eligible for candidacy and election to office or for membership on committees of the Society. In particular, residence in North America is not a prerequisite for candidacy for nomination for an office in the Society or for membership on committees of the Society.

Other Activities

The Chair of the Nominating Committee is also a member, ex officio, of the ECBT Nominating Committee, which makes recommendations about the reappointment of certain AMS officers.

Miscellaneous Information

The Committee usually meets at the Annual Meeting and makes an annual report to the Council. Travel expenses for attending this meeting are reimbursed. The chair of the committee is requested to attend the spring meeting of the Council at which reports of the committee are submitted. Other work by the committee is done by mail, telephone, electronic mail. Expenses incurred for these are also reimbursed. This committee is designated at Level B (explained on the travel voucher).

Election to membership on the Nominating Committee: Three members are elected to the committee each year in the Annual Election by the Membership. The President nominates candidates. Candidates may also be nominated by petition, a process that runs parallel to the nomination by petition for other contested positions of the Council.

Chair of the Committee: The Chair is now elected by the NC from among its second year members.

Note to the Chair

Work done by committees with recurring agenda items may have value as precedent or work done may have historical interest. Because of this, the Council has requested that a central file system be maintained for the Society by the Secretary. Committees are reminded that records of work should be kept and submitted annually to the Secretary for archival purposes. Confidential material should be noted, so that it can be handled in a confidential manner.

Authorization

Committee was established in 1955.

Procedures have been changed over the years, the most recent in April 2003.

DRAFT: 03/06/90, 10/31/90, 12/12/91, 12/7/93; UPDATED: 11/29/99, 11/05/03 08/09
09 January 2018 Council, Item 4.6.5 (plus Attachment T): Charge was revised to reflect

current practices.

Past Members

A list of current and past members is available here:

<http://www.ams.org/about-us/governance/committees/nomcom-past.html>

Editorial Boards Committee

General Description

- Committee is standing. This is a committee of the Council
- Number of members is eight, six elected and two ex officio.
- Two members are elected each year in a contested election, each serving a three-year term.
- Candidates for the elected positions shall be nominated by the President
- The Secretary and Publisher are *ex officio* non-voting members

Principal Activities

The committee shall recommend appointees to certain editorial committees to the AMS President and the Council. To that end, it shall solicit suggestions for those editorial committees by consulting with managing editors, current editorial committees, and other interested parties. The committee should take into account both the interests of the publications and the overall interests of the Society. **The AMS strives for diversity in gender, race, geography, area of mathematics, and type of institution, for both its membership and its leadership. The Editorial Boards Committee is expected to keep diversity of all kinds in mind when selecting candidates.** The Editorial Boards Committee shall monitor the function of the editors, alerting appropriate bodies (for example, the Committee on Publications, Council, officers, or staff) about existing or potential problems and concerns.

The committee shall recommend members for the following editorial committees and submit its recommendations for approval:

- Communications of the AMS
- Journal of the AMS
- Mathematics of Computation
- Proceedings of the AMS
- Transactions of the AMS
- Electronic Research Announcements
- Electronic Journal of Representation Theory
- Electronic Journal of Conformal Geometry and Dynamics
- Collected Works
- Colloquium
- Contemporary Mathematics
- Graduate Studies in Mathematics
- History of Mathematics
- Mathematical Reviews
- Mathematical Surveys and Monographs
- Proceedings of Symposia in Applied Mathematics
- Student Mathematical Library
- University Lecture Notes

All recommendations for these editorial committees go to the President for approval except for the following, which go to the Council:

- Managing editor of Journal of the AMS
- Managing editor of Mathematics of Computation
- Managing editor of Proceedings of the AMS
- Managing editor of Transactions of the AMS
- Chair of Colloquium
- Chair of Mathematical Surveys and Monographs
- Chair of Mathematical Reviews

Other Activities

Equal Opportunities for Women

The Business Meeting of the January 19, 1972 passed the following resolution:

Resolved that:

1. The American Mathematical Society will work actively for equal opportunities for women in the following areas:
 - A. Employment at all levels: this will include the search for a recruitment of qualified women;
 - B. Advancement and tenure in academic positions;
 - C. Admissions to graduate schools;
 - D. Graduate and postdoctoral fellowships and assistantships;
 - E. Membership on advisory boards and panels; and
2. The Society will include more women on:
 - A. Society programs and panels, including invited speakers and section chairmen; and
 - B. Society committees and governing boards.

The Council of August 29, 1972 instructed the Secretary to call part two of the resolution regularly to the attention of individuals in charge of various parts of Society programs.

The Secretary proposes to do this by distributing this sheet from time to time as follows:

Colloquium Editorial Committee
Committee on Summer Institutes
Committee on Applied Mathematics
Organizing Committees for Institutes, Seminars, and Symposia
Associate Secretaries

He asks in turn that the Associate Secretaries see that their Section Program Committee and the organizers of informal sessions and chairmen of invited twenty minute papers receive copies.

Miscellaneous Information

The Chair is elected by the EBC from among its second-year members. The Chair of EBC appoints a representative to the Committee on Publications.

The members of the Editorial Boards Committee should receive subscriptions to such journals of the named editorial committees as they wish.

This committee has been designated at **LEVEL B**.

Note to the Chair

Work done by committees with recurring agenda items may have value as precedent or work done may have historical interest. Because of this, the Council has requested that a central file system be maintained for the Society by the Secretary. Committees are reminded that records of work should be kept and submitted annually to the Secretary for archival purposes. Confidential material should be noted, so that it can be handled in a confidential manner.

Authorization

created: 1/89. *updated* 8/90; 1/91; 8/91; 9/92; 8/94; 1/95; 1/96; 1/99; 4/01; 1/05; 1/06; 8/09; 12/13 *Misc Info, Note, membership*

Past Members

A list of current and past members is available here:

<http://www.ams.org/about-us/governance/committees/ebc-past.html>

Proposed Changes to Articles VIII and IX of the AMS Bylaws and Related Proposals Concerning Membership in the Society

Approved by the Committee on the Profession (CoProf) at its September 25-26, 2021 Meeting

Overview

Association bylaws should develop a contract with a member while policies provide leadership and staff with direction for business decisions. Restrictive language within bylaws influence productivity and innovation. Further levels of specificity should be included in policies, which may be easily amended by leadership in a timelier manner in comparison to bylaws amendments.

The AMS staff propose to streamline the current membership-related AMS Bylaws articles by replacing them with new articles and introduce policies that reflect best practices.

Challenge

The AMS staff and AMS Secretary evaluated the following AMS Bylaws articles in comparison to colleague associations' bylaws¹:

[Article VIII - Members and Their Election](#)

[Article IX - Dues and Privileges of Membership](#)

This process determined the current membership language is restrictive as it: a) assigns specific benefits/privileges, b) defines specific membership categories, and c) dictates formula components for institutional dues calculations (i.e. scholarly activity). In addition, processes defined in the current bylaws are dated. For example, "election of members shall be by vote of the Council or of its Executive Committee", which neglects to acknowledge the actual process undertaken by monthly Secretariat votes.

In addition, the review of five colleague associations' bylaws observed that the following three colleagues require membership for holding elective positions within their bylaws: American Association for the Advancement of Science (AAAS), American Statistical Association (ASA), and Society for Industrial and Applied Mathematics (SIAM). Lastly, the review confirmed a need to set policies regarding membership activities specifically those that define membership termination and resignation.

Simplified language regarding membership-related articles and the introduction of policies will provide flexibility for leadership and/or staff for business-level decisions, opening the door to timely and efficiently implemented best practices.

Objective

This proposal includes three recommendations: Recommendation 1) replace dated language in AMS Bylaw articles regarding membership with best practices; Recommendation 2) introduce a policy to require membership for holding elective positions; and Recommendation 3) introduce a

¹ References: AAAS Bylaws Article III. Membership and Affiliation. Section 1. Members:

<https://www.aaas.org/governance/aaas-constitution-bylaws>

ASA Bylaws Article I. Membership 1. Categories. a. Individual Member:

<https://www.amstat.org/asa/files/pdfs/ABT-Bylaws.pdf>

SIAM Bylaws Article IV. Officers. Section 1: <https://www.siam.org/about-siam/bylaws-and-reports>

American Physical Society Bylaws Article III Membership:

<https://www.aps.org/about/governance/documents/constitution.cfm>

Mathematical Association of America Bylaws Article II Membership:

<https://www.maa.org/sites/default/files/pdf/bylaws%20approved%201%207%202017%20%281%29.pdf>

policy to define membership termination and resignation policies. Proposals, if approved, would be presented to ECBT and Council. Bylaws amendments may be amended or suspended on recommendation of the Council and with the approval of the membership of the Society, the approval consisting of an affirmative vote by two-thirds of the members present at a business meeting or of two-thirds of the members voting in a mail ballot in which at least ten percent of the members vote, whichever alternative shall have been designated by the Council, and provided notice of the proposed action and of its general nature shall have been given in the call for the meeting or accompanies the ballot in full.

Recommendation 1 (bylaws and policies):

(A) To remove bylaws articles VIII and IX in their entirety and replace them with a single, new article as follows, renumbering the subsequent articles accordingly.

(Current) Article VIII: Members and Their Election

Section 1. Election of members shall be by vote of the Council or of its Executive Committee.

Section 2. There shall be four classes of members, namely, ordinary, contributing, corporate, and institutional.

Section 3. Application for admission to ordinary membership shall be made by the applicant on a blank provided by the secretary. Such applications shall not be acted upon until at least thirty days after their presentation to the Council (at a meeting or by mail), except in the case of members of other societies entering under special action of the Council approved by the Board of Trustees.

Section 4. An ordinary member may become a contributing member by paying the dues for such membership. (See Article IX, Section 3.)

Section 5. A university or college, or a firm, corporation, or association interested in the support of mathematics may be elected a corporate or an institutional member.

(Current) Article IX: Dues and Privileges of Members

Section 1. Any applicant shall be admitted to ordinary membership immediately upon election by the Council (Article VIII) and the discharge within sixty days of election of the first annual dues. Dues may be discharged by payment or by remission when the provision of Section 7 of this Article is applicable. The first annual dues shall apply to the year of election, except that any applicant elected after August 15 of any year may elect to have the first annual dues apply to the following year.

Section 2. The annual dues of an ordinary member of the Society shall be established by the Council with the approval of the Trustees. The Council, with the approval of the Trustees, may establish special rates in exceptional cases and for members of an organization with which the Society has a reciprocity agreement.

Section 3. The minimum dues for a contributing member shall be three-halves of the dues of an ordinary member per year. Members may, upon their own initiative, pay larger dues.

Section 4. The minimum dues of an institutional member shall depend on the scholarly activity of that member. The formula for computing these dues shall be established from time to time by the Council, subject to approval by the Board of Trustees. Institutions may pay larger dues than the computed minimum.

Section 5. The privileges of an institutional member shall depend on its dues in a manner to be determined by the Council, subject to approval by the Board of Trustees. These privileges shall be in terms of Society publications to be received by the institution and of the number of persons it may nominate for ordinary membership in the Society.

Section 6. Dues and privileges of corporate members of the Society shall be established by the Council subject to approval by the Board of Trustees.

Section 7. The dues of an ordinary member of the Society shall be remitted for any years during which that member is the nominee of an institutional member.

Section 8. After retirement from active service on account of age or on account of long-term disability, any ordinary or contributing member who is not in arrears of dues and with membership extending over at least twenty years may, by giving proper notification to the secretary, have dues remitted. Such a member shall receive the Notices and may request to receive Bulletin as privileges of membership during each year until membership ends.

Section 9. An ordinary or contributing member shall receive the Notices and Bulletin as privileges of membership during each year for which dues have been discharged.

Section 10. The annual dues of ordinary, contributing, and corporate members shall be due by January 1 of the year to which they apply. The Society shall submit bills for dues. If the annual dues of any member remain undischarged beyond what the Board of Trustees deems to be a reasonable time, the name of that member shall be removed from the list of members after due notice. A member wishing to discontinue membership at any time shall submit a resignation in writing to the Society.

Section 11. An eligible member may become a life member by making a one-time payment of dues. The criteria for eligibility and the amount of dues shall be established by the Council, subject to approval by the Board of Trustees. A life member is subsequently relieved of the obligation of paying dues. The status and privileges are those of ordinary members.

An eligible member of the Society by reciprocity who asserts the intention of continuing to be a member by reciprocity may purchase a life membership by a one-time payment of dues. The criteria for eligibility and the amount of dues shall be established by the Council, subject to approval by the Board of Trustees.

(New) Article VIII: Membership

Section 1. The membership of the society shall consist of individuals or organizations elected to membership by the Council. The Council may establish different categories of membership with different privileges and responsibilities.

Section 2. The Council shall establish and maintain policies and procedures governing election to the various categories of membership, the privileges associated with the categories of membership,

and the requirements for maintenance of each category of membership. Such requirements may include the payment of dues.

Section 3. The Council may terminate the membership of an individual or organization for failure to meet the requirements of membership in Section 2, or for other reasons according to policies established by the Council.

(B) Policies and procedures related to membership that are in force at the time of the adoption of this bylaws change, including all such provisions in these extant bylaws articles VIII and IX, shall remain in force until modified by the Council.

(C) The following policy can only be changed by approval of the membership of the Society according to the rules governing amendments to the bylaws: *Individuals holding Life Memberships are relieved of the obligation of paying dues; their status and privileges are those of ordinary members.*

Recommendation 2 (new policy):

Membership in the Society is a requirement for voting, for standing for election, for maintaining an elected position, and for serving as an Officer of the AMS.

Recommendation 3 (new policy):

Regarding membership termination: Membership will be terminated for nonpayment of dues.

Regarding membership resignation: A member may resign from membership by notifying the Society. The Society will not refund dues under these circumstances.

*Prepared by Megan E. Turcotte
Director, Membership Department
September 2021*

*Updated by the Office of the AMS Secretary
December 2021*

Proposed Changes to Article III, Section 1; Article IV, Section 1; and Article XI of the AMS Bylaws

Proposal:

To (1) add Communications of the AMS to the list of primary journals, (2) clarify that regardless of the possibility of co-editors in chief, there will be one Council representative for each primary journal, and (3) define "member journal" and "primary journal".

Current:

Article III Committees

Section 1. There shall be eight editorial committees as follows: committees for the Bulletin, for the Proceedings, for the Colloquium Publications, for the Journal, for Mathematical Surveys and Monographs, for Mathematical Reviews; a joint committee for the Transactions and the Memoirs; and a committee for Mathematics of Computation.

Proposed:

Article III Publication Committees

Section 1. There shall be nine editorial committees as follows: committees for the Bulletin, for the Colloquium Publications, for Communications, for the Journal, for Mathematical Reviews, for Mathematical Surveys and Monographs, for Mathematics of Computation, for the Proceedings, and a joint committee for the Transactions and the Memoirs.

[Change explanation: Add the word "Publication" to Article III heading, insertion of CAMS, change from eight to nine, alphabetization/grouping of publications.]

Current:

Article IV Council

Section 1. The Council shall consist of fifteen members at large and the following ex officio members: the officers of the Society specified in Article I, the chair of each of the editorial committees specified in Article III, any former secretary for a period of two years following the terms of office, and members of the Executive Committee (Article V) who remain on the Council by the operation of Article VII, Section 4.

The chair of any committee designated as a Council member may name a deputy from the committee as substitute.

Proposed:

Article IV

Council

Section 1. The Council shall consist of fifteen members at large and the following ex officio members: the officers of the Society specified in Article I, one representative from each of the editorial committees specified in Article III, any former secretary for a period of two years following the terms of office, and members of the Executive Committee (Article V) who remain on the Council by the operation of Article VII, Section 4.

[Change explanation: Replace "the chair of" by "one representative from" so the two co-editors in chief of CAMS (or any journal) are not both added to Council.]

Current:

Article XI Publications

Section 1. The Society shall publish an official organ called the Bulletin of the American Mathematical Society. It shall publish four journals, known as the Journal of the American Mathematical Society, the Transactions of the American Mathematical Society, the Proceedings of the American Mathematical Society, and Mathematics of Computation. It shall publish a series of mathematical papers known as the Memoirs of the American Mathematical Society. The object of the Journal, Transactions, Proceedings, Memoirs, and Mathematics of Computation is to make known important mathematical researches. It shall publish a periodical called Mathematical Reviews, containing abstracts or reviews of current mathematical literature. It shall publish a series of volumes called Colloquium Publications which shall embody in book form new mathematical developments. It shall publish a series of monographs called Mathematical Surveys and Monographs which shall furnish expositions of the principal methods and results of particular fields of mathematical research. It shall publish a news periodical known as the Notices of the American Mathematical Society, containing programs of meetings, items of news of particular interest to mathematicians, and such other materials as the Council may direct.

Proposed:

Article XI Publications

Section 1. The Society shall publish two member journals as follows. It shall publish an official organ called the Bulletin of the American Mathematical Society. It shall publish a news periodical known as the Notices of the American Mathematical Society, containing programs of meetings, items of news of particular interest to mathematicians, and such other materials as the Council may direct. The Society shall publish five journals, known as Communications of the American Mathematical Society, the Journal of the American Mathematical Society, Mathematics of Computation, the Proceedings of the American Mathematical Society, and the Transactions of the American Mathematical Society. It shall publish a series of mathematical papers known as the Memoirs of the American Mathematical Society. The object of the primary journals of the Society, which are the Communications, the Journal, Mathematics of Computation, Memoirs, Proceedings, and Transactions, is to make known important mathematical researches. The Society shall publish a series of volumes called Colloquium Publications, which shall embody in book form new mathematical developments. It shall publish a series of monographs called Mathematical Surveys and Monographs, which shall furnish expositions of the principal methods and results of particular fields of mathematical research. The Society shall publish a periodical

called Mathematical Reviews, containing abstracts or reviews of current mathematical literature.

[Change explanation: Add Communications of the American Mathematical Society and Communications in two places. Reorganize by moving Notices from the end to the beginning and introducing/defining them and Bulletin as member journals. Reorganize by grouping and introducing/defining as such the primary journals (after having checked carefully that this list reflects the exact intention of the term primary journals, which was previously not defined). Alphabetize lists within sentences.]

Proposed Changes to Article VII, Sections 1 and 6 of the AMS Bylaws

Proposal:

To remove references in Article VII (Election of Officers and Terms of Office) of the bylaws to the communications committee(s). These references were meaningful when [Article III mandated both Publications and Communications Committees](#), but that is no longer so; at the time of that bylaws change the need to remove those references was overlooked.

Article VII

Election of Officers and Terms of Office

Section 1. The term of office shall be one year in the case of the president elect and the immediate past president; two years in the case of the president, the secretary, the associate secretaries, the treasurer, and the associate treasurer; three years in the case of vice presidents and members at large of the Council, one vice president and five members at large retiring annually; and five years in the case of the trustees. In the case of members of the editorial committees ~~and appointed members of the communications committees~~, the term of office shall be determined by the Council. The term of office for elected members of the Executive Committees shall be four years, one of the elected members retiring annually. All terms of office shall begin on February 1 and terminate on January 31, with the exception that the officials specified in Articles I, II, III, IV, and V (excepting the president elect and immediate past president) shall continue to serve until their successors have been duly elected or appointed and qualified.

Section 6. If the president of the Society should die or resign while a president elect is in office, the president elect shall serve as president for the remainder of the year and thereafter shall serve the regular two-year term. If the president of the Society should die or resign when no president elect is in office, the Council, with the approval of the Board of Trustees, shall designate one of the vice presidents to serve as president for the balance of the regular presidential term. If the president elect of the Society should die or resign before becoming president, the office shall remain vacant until the next regular election of a president elect, and the Society shall, at the next annual meeting, elect a president for a two-year term. If the immediate past president should die or resign before expiration of the term of office, the Council, with the approval of the Board of Trustees, shall designate a former president of the Society to serve as immediate past president during the remainder of the regular term of the immediate past president. Such vacancies as may occur at any time in the group consisting of the vice presidents, the secretary, the associate secretaries, the treasurer, and the associate treasurer shall be filled by the Council with the approval of the Board of Trustees. If a member of an editorial ~~or communications~~ committee should take temporary leave from duties, the Council shall then appoint a substitute. The Council shall fill from its own membership any vacancy in the elected membership of the Executive Committee.

*Prepared by Boris Hasselblatt
Secretary of the AMS
October 19, 2021*

LIST OF SELECTED MEETINGS, HOLIDAYS, AND RELIGIOUS OBSERVANCES

FOR USE BY AMS STAFF WHEN SCHEDULING AMS MEETINGS

This is a list of dates and sites of various meetings, holidays, and religious observances that AMS staff has been instructed to avoid conflicting with when scheduling AMS meetings. It includes meetings of AMS Council, ECBT, ABC, Policy Committees, etc. This list is **NOT INTENDED TO BE ALL-INCLUSIVE** and **SHOULD BE USED IN CONJUNCTION WITH** the *Mathematics Calendar*: www.ams.org/meetings/calendar/mathcal.

This list is maintained by staff in the Executive Director Department. Please notify exd-staff@ams.org of changes.

DATE	MEETING/HOLIDAY/RELIGIOUS OBSERVANCE	SITE
January 1, 2022 (Sat)	New Year's Day	---
January 4, 2022 (Tue)	AMS Council Meeting	Web Conference
January 5-8, 2022, (Wed-Sat)	Joint Mathematics Meetings (JMM)	Web Conference
January 17, 2022 (Mon)	Martin Luther King, Jr. Day	<i>All AMS Offices Closed</i>
February 17-20, 2022 (Thu-Sun)	American Association for the Advancement of Science (AAAS) Annual Meeting	Philadelphia, PA
February 21, 2022 (Mon)	Presidents' Day	<i>All AMS Offices Closed</i>
February 24-25, 2022 (Thu-Fri)	AMS Committee on Equity, Diversity, and Inclusion (COEDI) Meeting	Providence RI
February 25, 2022 (Fri)	AMS Secretariat Meeting	Providence, RI
February 26, 2022 (Sat)	AMS Committee on Meetings & Conferences (COMC) Meeting	Providence, RI
March 11-13, 2022 (Fri-Sun)	AMS Sectional Meeting	University of Virginia Charlottesville, VA
March 14-16, 2022 (Mon-Wed)	AMS Committee on Science Policy (CSP) Meeting	Washington, DC
March 19-20, 2022 (Fri-Sun)	AMS Sectional Meeting	Web Conference
March 26-27, 2022 (Fri-Sun)	AMS Sectional Meeting	Purdue University West Lafayette, IN
April 1, 2022 (Fri)	AMS Agenda and Budget Committee (ABC) Meeting	Web Conference
April 2, 2022 (Sat)	AMS Council Meeting	Web Conference
April 15-23, 2022 (Fri-Sat)	Passover	---
April 15, 2022 (Fri)	Good Friday	---
April 16, 2022 (Sat)	Holy Saturday	---
April 17, 2022 (Sun)	Easter	---
May 5, 2022 (Thu)	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
May 6, 2022 (Fri)	Conference Board of the Mathematical Sciences (CBMS) Meeting	Washington, DC

May 12-13, 2022 (Thu-Fri)	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Ann Arbor, MI
May 14-15, 2022 (Sat-Sun)	AMS Sectional Meeting	University of Denver Denver, CO
May 18, 2022	AMS Committee on Committees	Virtual meeting
May 20, 2022	AMS Committee on Committees	Virtual meeting
May 30, 2022 (Mon)	Memorial Day	<i>All AMS Offices Closed</i>
June 19, 2022 (Sun)	Juneteenth	
June 20, 2022 (Mon)	Juneteenth Observed	<i>All AMS Offices Closed</i>
July 4, 2022 (Mon)	Independence Day	<i>All AMS Offices Closed</i>
August 3-6, 2022 (Wed-Sat)	Mathematical Association of America (MAA) MathFest	Washington, DC
August 6-11, 2022 (Sat-Thu)	Joint Statistical Meetings (JSM)	Washington, DC
August 12-13, 2022 (Fri-Sat)	International Mathematical Union (IMU) General Assembly	St. Petersburg, Russia
August 15-23, 2022 (Mon-Tue)	International Congress of Mathematicians (ICM 2022)	St. Petersburg, Russia
September 5, 2022 (Mon)	Labor Day	<i>All AMS Offices Closed</i>
September 16-17, 2022 (Fri-Sat)	AMS Committee on Publications (CPub) Meeting	Providence, RI
September 17-18, 2022 (Sat-Sun)	AMS Committee on the Profession (CoProf) Meeting	Providence, RI
September 17-18, 2022 (Sat-Sun)	AMS Sectional Meeting	University of Texas El Paso, TX
September 22-24, 2022 (Thu-Sat)	AMS Committee on Education (COE) Meeting (includes Mini-conference on Education on Thu, Sep 22)	Washington, D.C.
September 25-27, 2022 (Sun-Tue)	Rosh Hashanah	---
October 1-2, 2022 (Sat-Sun) <i>TENTATIVE</i>	AMS Sectional Meeting	University of Massachusetts Amherst, MA
October 4-5, 2022 (Tue-Wed)	Yom Kippur	---
October 7, 2022 (Fri)	AMS Agenda and Budget Committee (ABC) Meeting	Web Conference
October 9-16, 2022 (Sun-Sun)	Sukkot	---
October 10, 2022 (Mon)	Indigenous Peoples' Day	<i>All AMS Offices Closed</i>
October 15-16, 2022 (Sat-Sun)	AMS Sectional Meeting	University of Tennessee Chattanooga, TN

October 22-23, 2022 (Sat-Sun)	AMS Sectional Meeting	University of Utah Salt Lake City, UT
October 29-31, 2022 (Sat-Mon)	SACNAS National Diversity in STEM Conference	San Juan, PR
October 31, 2022 (Mon)	Joint Policy Board for Mathematics (JPBM)	Washington, DC
November 11, 2022 (Fri)	Veterans' Day	<i>All AMS Offices Closed</i>
November 17-18, 2022 (Thu-Fri)	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Providence, RI
November 24, 2022 (Thu)	Thanksgiving Day	<i>All AMS Offices Closed</i>
November 25, 2022 (Fri)	Day after Thanksgiving	<i>All AMS Offices Closed</i>
December 17-26, 2022 (Sun-Mon)	Hanukkah	---
December 24, 2022 (Sat)	Christmas Eve	---
December 25, 2022 (Sun)	Christmas	---
December 26, 2022 (Mon)	Christmas Observed	<i>All AMS Offices Closed</i>
January 1, 2023 (Sun)	New Year's Day	---
January 2, 2023 (Mon)	New Year's Day Observed	<i>All AMS Offices Closed</i>
January 3, 2023 (Tue)	AMS Council Meeting	Boston, MA
January 4-7, 2023 (Wed-Sat)	Joint Mathematics Meetings (JMM)	Boston, MA
January 16, 2023 (Mon)	Martin Luther King, Jr. Day	<i>All AMS Offices Closed</i>
February 20, 2023 (Mon)	Presidents' Day	<i>All AMS Offices Closed</i>
February 23-24, 2023 (Thu-Fri)	AMS Committee on Equity, Diversity, and Inclusion (COEDI) Meeting	Providence, RI
February 24, 2023 (Fri)	AMS Secretariat Meeting	Providence, RI
February 25, 2023 (Sat)	AMS Committee on Meetings & Conferences (COMC) Meeting	Providence, RI
March 6-8, 2023 (Mon-Wed)	AMS Committee on Science Policy (CSP) Meeting	Washington, DC
March 18-19, 2023 (Sat-Sun)	AMS Sectional Meeting	Georgia Institute of Technology
March 20, 2023 (Mon)	Vernal Equinox	<i>AMS MI Office Closed</i>
April 1-2, 2023 (Sat-Sun)	AMS Sectional Meeting	Virtual Meeting
April 5-13, 2023 (Wed-Thu)	Passover	---
April 7, 2023 (Fri)	Good Friday	---
April 8, 2023 (Sat)	Holy Saturday	---

April 9, 2023 (Sun)	Easter	---
April 14, 2023 (Fri) TENTATIVE	AMS Agenda and Budget Committee (ABC) Meeting	Web Conference
April 15-16, 2023 (Saturday-Sunday)	Central Sectional Meeting	University of Cincinnati, Cincinnati, OH
April 22, 2023 (Sat)	AMS Council Meeting	Virtual Meeting
May 4, 2023 (Thu) TENTATIVE	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
May 5, 2023 (Fri) TENTATIVE	Conference Board of the Mathematical Sciences (CBMS) Meeting	Washington, DC
May 6-7, 2023 (Sat-Sun)	AMS Sectional Meeting	California State University Fresno, CA
May 11-12, 2023 (Thu-Fri)	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Washington, DC
May 18, 2023 (Thu) TENTATIVE	AMS Committee on Committees Meeting	TBD
May 29, 2023 (Mon)	Memorial Day	<i>All AMS Offices Closed</i>
June 19, 2023 (Mon)	Juneteenth	<i>All AMS Offices Closed</i>
July 4, 2023 (Tue)	Independence Day	<i>All AMS Offices Closed</i>
August 2-5, 2023 (Wed-Sat)	Mathematical Association of America (MAA) MathFest	Tampa, FL
August 5-10, 2023 (Sat-Thu)	Joint Statistical Meetings (JSM)	Toronto, Ontario, Canada
August 20-25, 2023 (Sun-Fri)	International Congress on Industrial and Applied Mathematics (ICIAM)	Tokyo, Japan
September 4, 2023 (Mon)	Labor Day	<i>All AMS Offices Closed</i>
September 9-10, 2023 (Saturday-Sunday)	AMS Sectional Meeting	University of Buffalo (SUNY) Buffalo, NY
September 15-17, 2023 (Fri-Sun)	Rosh Hashanah	---
September 22-23, 2023 (Fri-Sat)	AMS Committee on Publications (CPub) Meeting	Providence, RI
September 23-24, 2023 (Sat-Sun)	AMS Committee on the Profession (CoProf) Meeting	Providence, RI
September 24-25, 2023 (Sun-Mon)	Yom Kippur	---
September 27-29, 2023 (Wed-Fri)	AMS Committee on Education (COE) Meeting (Includes CoE Mini-Conference on Wednesday, Sep. 27)	Washington, DC
September 29-October 1, 2023 (Fri-Sun)	Sukkot	---

October 1, 2023 (Sun)	Last day of Sukkot	---
October 6, 2023 (Fri) TENTATIVE	AMS Agenda and Budget Committee (ABC) Meeting	Web Conference
October 7-8, 2023 (Sat-Sun)	AMS Sectional Meeting	Creighton University, Omaha, NE
October 9, 2023 (Mon)	Indigenous Peoplesâ€™™ Day	All AMS Offices Closed
October 21-22, 2023 (Saturday-Sunday)	AMS Sectional Meeting	University of New Mexico Albuquerque, NM
October 26-28, 2023 (Thu-Sat)	SACNAS National Diversity in STEM Conference	Portland, OR
October 30, 2023 (Mon)	Joint Policy Board for Mathematics (JPBM) Meeting	Web Conference
November 10, 2023 (Fri)	Veterans’ Day Observed	All AMS Offices Closed
November 11, 2023 (Sat)	Veterans’ Day	---
November 16-17, 2023 (Thu-Fri)	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Providence, RI
November 23, 2023 (Thu)	Thanksgiving Day	All AMS Offices Closed
November 24, 2023 (Fri)	Day after Thanksgiving	All AMS Offices Closed
December 4-8, 2023 (Mon-Fri)	AMS Joint International Meeting with New Zealand Mathematical Society and Australian Mathematical Society	Auckland, New Zealand
December 7-15, 2023 (Thu-Fri)	Hanukkah	---
December 24, 2023 (Sun)	Christmas Eve	---
December 25, 2023 (Mon)	Christmas	All AMS Offices Closed
January 1, 2024 (Mon)	New Year’s Day	All AMS Offices Closed
January 3-6, 2024 (Wed-Sat)	Joint Mathematics Meetings (JMM)	San Francisco, CA
January 15, 2024 (Mon)	Martin Luther King Day	All AMS Offices Closed
February 19, 2024 (Mon)	Presidents’ Day	All AMS Offices Closed
February 22-23, 2024 (Thu-Fri)	AMS Committee on Equity, Diversity, and Inclusion (COEDI) Meeting	Providence, RI
February 23, 2024 (Fri)	AMS Secretariat Meeting	Providence, RI
February 24, 2024 (Sat)	AMS Committee on Meetings & Conferences (COMC) Meeting	Providence, RI
March 4-6, 2024 (Mon-Wed)	AMS Committee on Science Policy (CSP) Meeting	Washington, DC

March 9-10 (Sat-Sun) <i>Tentative</i>	AMS Sectional Meeting	Southeastern Sectional
March 29, 2024 (Fri)	Good Friday	
March 30, 2024 (Sat)	Holy Saturday	
March 31, 2024 (Sun)	Easter	
April 20, 2024	AMS Council Meeting	Virtual Meeting
April 23-30, 2024 (Mon-Tues)	Passover	
May 4-5, 2024 (Sat-Sun)	AMS Sectional Meeting	San Francisco State University
May 9-10, 2024 (Thu-Fri)	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Ann Arbor, MI
May 27, 2024 (Mon)	Memorial Day	<i>All AMS Offices Closed</i>
June 19, 2024 (Wed)	Juneteenth	<i>All AMS Offices Closed</i>
July 4, 2024 (Thu)	Independence Day	<i>All AMS Offices Closed</i>
July 23-26, 2024 (Tues-Fri)	Joint International Meeting with the Unione Matematica Italiana	Palermo, Italy
September 2, 2024 (Mon)	Labor Day	<i>All AMS Offices Closed</i>
September 13-14, 2024 (Fri-Sat)	AMS Committee on Publications (CPub) Meeting	Providence, RI
September 14-15, 2024 (Sat-Sun)	AMS Committee on the Profession (CoProf) Meeting	Providence, RI
September 18-20, 2024 (Wed-Fri)	AMS Committee on Education (COE) Meeting (Includes CoE Mini-Conference on Wednesday, Sep. 18.)	Washington, DC
October 2-4, 2024 (Wed-Fri)	Rosh Hashanah	
October 11-12, 2024 (Fri-Sat)	Yom Kippur	
October 14, 2024 (Mon)	Indigenous Peoples' Day	<i>All AMS Offices Closed</i>
October 16-23, 2024 (Wed-Wed)	Sukkot	
October 26-27, 2024 (Sat-Sun)	AMS Sectional Meeting	University of California, Riverside
October 31-November 2, 2024 (Thu-Sat)	SACNAS National Diversity in STEM Conference	Phoenix, AZ
November 11, 2024 (Mon)	Veterans' Day	<i>All AMS Offices Closed</i>
November 14-15, 2024 (Thu-Fri)	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Providence, RI
November 28, 2024 (Thu)	Thanksgiving	<i>All AMS Offices Closed</i>

November 29, 2024 (Fri)	Day after Thanksgiving	<i>All AMS Offices Closed</i>
December 25, 2024 (Wed)	Christmas	<i>All AMS Offices Closed</i>
December 25, 2024-January 2, 2025	Hannukah	
December 31, 2024 (Tue)	New Years' Eve	
May 17-18, 2025 (Sat-Sun)	AMS Sectional Meeting	University of Denver, CO
January 4-7, 2026 (Sun-Wed)	Joint Mathematics Meetings (JMM)	Washington, D.C.

Executive Director Report to the AMS Council January 4, 2022

As AMS Executive Director, my job is to manage and coordinate all Society operations and serve as the primary liaison between staff and volunteer bodies that govern the Society. We have approximately 200 employees working out of four locations – our headquarters is in Providence, RI; Mathematical Reviews is in Ann Arbor, MI; the Office of Government Relations is in Washington, DC; and our printing and distribution center is in Pawtucket, RI. To further orient Council newcomers and guests, the AMS' budget for 2022 is approximately \$33 million and, as of November 30th, 2021, the AMS endowment was valued at \$231 million. Our primary revenue sources are derived from library subscriptions to AMS products such as MathSciNet and our journals. We spend our money to advance research through the support of AMS meetings and conferences, a multitude of AMS programs, our member journals the *Bulletin* and the *Notices*, as well as our DC-based advocacy work. We have a robust development program to raise funds for new prizes and awards and to further support initiatives of the society, and so I will start here, because there is a lot of good news to share:

AMS fundraising efforts saw significant successes since Council's last meeting. For example, a donor has agreed to underwrite a new translation program to make widely available historically important transcripts of mathematics lectures from the University of Göttingen. We received a pledge of \$750,000 from Dr. Philippe Tondeur to support our BEGIN (Business, Entrepreneurial, Government, Industry, and Non-profit sectors) initiative, which will enhance employment connections for mathematicians in outside of academia. Finally, the AMS learned recently that we will be receiving an unrestricted bequest of roughly \$3 million from the estate of a donor. This gift is a testament to the confidence this donor had in the long-term mission and values of the AMS.

It seems that just about everything at the AMS has been impacted by the pandemic. We had to dramatically change the nature of our work to figure out how to work from home. We replaced desktop computers with laptops. We implemented cloud storage, sharing of files, and new collaboration tools. The entire Mathematical Reviews pipeline was converted from paper to digital, which was a herculean task. We ran a virtual JMM in 2021 and postponed JMM 2022 to offer it in a virtual format later this spring. We maintained our Mathematics Research Communities virtually and have run several virtual sectional meetings. In 2021 alone, our AMS Director of Government Relations made some 75 visits with Congressional offices, many times accompanied by other mathematicians. This is vastly more than in preceding years, and was made possible because these were all virtual meetings.

In July, employees started to return to our AMS office buildings part time (although I'll note that our publishing and distribution center maintained in person operations throughout the pandemic). Our DC office finally completed the move to its new location. The space is spectacular for hosting AMS committee meetings, as well as convenings of other small groups. This past fall, three of Council's policy committees, as well as a meeting of the Executive Committee of the Council and the Board of Trustees (ECBT), were held in person. The AMS organized an in-person Congressional briefing in December with MSRI. It was the first such briefing in Congress in two years, and it was exciting to have mathematicians initiate the resumption of this important advocacy program in Congress. Dr. Cédric Villani spoke about *Mitigating climate change: science and policy*.

There were many other AMS projects in 2021. The biggest was probably finalizing planning for the reimagined JMM. The Secretariat welcomed a broader set of session proposals using a new, expanded classification scheme. We introduced several new lectures, receptions, and other events. We created memoranda of understanding with our dozen (and growing!) partners and registered JMM as our trademark. Our team rebranded the JMM with a new logo and developed promotional materials including emails, flyers, social media campaigns, new signage, as well as the app and website. The new JMM Program Committee reviewed panel proposals and initiated a new series of professional development opportunities called PEPs (Professional Enhancement Program) in response to community feedback requesting more such programming. A communications campaign to introduce our partnership model and the multiple new program additions has generated tremendous excitement.

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Another major project was to create a much more transparent endowment tracking system by transitioning our reporting from a shares method to a dollarization method. Our print shop became more competitive and efficient with our new state-of-the-art digital printer.

As an unsurprising sign of the times, the AMS undertook multiple security-related projects including software upgrades and addressing issues identified by external network penetration and web application scans, and upgrading the Network Access Control appliance on our internal network.

In October 2021, the new diamond open access primary journal approved by Council titled *Communications of the AMS*, debuted its first article. We published 75 new books in 2021. Library subscriptions to MathSciNet remain stable, and activity continues to grow. In 2021, MathSciNet had its busiest year ever, with over 59 million searches. So, even with the pandemic and zbMATH going Open Access, MathSciNet continues to be relied upon heavily by researchers around the world. A financial analysis of our book program showed us that it is approaching financial sustainability. All 39 of the 2021 feature articles for *Notices* have now been converted to HTML. This is an important step in our efforts to improve reader accessibility.

Next, some people news. Our current Congressional Fellow is Dr. AJ Stewart, who is working for Senator Warnock from Georgia. Recently, we welcomed these staff mathematicians: Dr. Tyler Kloefkorn as the Associate Director of the Office of Government Relations and Dr. Leona Harris as the Director of Equity, Diversity, Inclusion. We are currently seeking to hire a PhD mathematician as Director of Programs, another to lead BEGIN, as well as two new Associate Editors at Math Reviews (one in probability and stochastic processes; one in analysis). The AMS has not been immune to increased employee turnover and the severe labor shortage. It is taking much longer to fill open positions and salaries are rising. Our open positions are listed here: <http://www.ams.org/about-us/ams-jobs/ams-jobs>.

You may recall that part of implementation of our 2016-2020 Strategic Plan addressed communication. The Strategic Plan said that we would:

- Create new and consistent branding across the AMS for its publications, programs, and services,
- Increase the promotion for the AMS, its publications, programs, and services through consistent and effective communication and branding,
- Create an enhanced level of participation in advancing public policy,
- Capture the attention of the mathematics community and engage it in AMS programs and services,
- Promote a broader public appreciation for mathematics.

Effective communication remains an important priority for the AMS. We spent two years redesigning our AMS logo and propagating it throughout the organization. We made significant improvements to the printed and digital formats of the *Notices of the AMS*. We continue to progress through a multi-year project to upgrade our [ams.org](http://www.ams.org) website. We significantly upgraded our bi-weekly member newsletter, *Headlines & Deadlines*, as well as the printed materials originating from Membership and Development.

We established our first Communications Department, which has now been fully staffed for one year. In its first year, this department helped centralize our pandemic communications and conducted campaigns around a variety of AMS priorities, such as promoting JMM Reimagined. This department wrote and distributed 15 long-form feature articles highlighting the positive impact of AMS programs on mathematicians; several of these articles were among the most highly viewed and shared digital content of the year.

Although we continue to develop and implement more robust and sophisticated approaches to our AMS communication strategy and messaging, we have struggled to navigate some delicate situations, particularly when it is not entirely clear who should be making the final call amid strong yet conflicting opinions. Some missteps are inevitable, but we are learning from them. I am working with the President and our Director of Communications to establish an advisory group of volunteers to the Communications Department. Given

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that we are living in a world where reasonable discourse seems to be diminishing daily, we are finding people are exhausted, quick to anger, and quick to jump to conclusions. Identifying resources of patience and grace as we navigate what we can all agree is rocky terrain is essential to moving forward. I am pleased that our new Director of EDI has expressed as one of her priorities to leverage AMS communications, particularly in social media, to inform our community and help bring it together. Working together, I believe we can craft a careful and balanced approach that enhances our ability to serve our community of mathematicians. I am confident we have the talent and expertise to take on these challenges.

To wrap up, I'd like to focus on two topics where expressions of concern have recently been raised. I'd like to present some context to provide the Council with some essential information.

First, **blogs**. About ten years ago, the AMS Public Awareness Office launched blogs as an outreach activity to provide a trendier, timelier, and more informal platform than the *Notices*. Over the years, it became prudent to apply more oversight to these blogs. This was supervised by the AMS Web Advisory Group, which for several of these years included the Secretary, Executive Director, and a member of the Council's Committee on Publications (CPub). In January 2018, this group formulated Blog Editor Guidelines, which articulated the mission, the editorial appointments, the length of terms of editors, the expected frequency of posts, the language of required disclaimers, and how content and comments would be approved.

For two or three years, it has been acknowledged that the blogs were of varying quality and impact. There were questions surrounding whether blogs should be restricted to AMS members and whether they should be viewed as an official publication or simply an outreach activity. Because blog posts could include opinions that were not necessarily those of the AMS, much staff and volunteer time was spent navigating occasional controversies. We found it increasingly difficult to identify new editors when current editors decided to move on. I made the decision, in consultation with our past and current AMS presidents, to move away from the blogs. Moreover, the AMS Strategic Plan includes a goal to cultivate a cohesive approach to all that we do, and the blogs have been something of an anomaly. It is not at all unusual for the AMS to create things and to change them over time. A few examples of things that have changed or ended during my years at the AMS include the Book Donation Program, the Annual Report, Headlines & Deadlines, the Graduate Student Chapters, and the quarterly stewardship newsletter. As the Executive Director, it is my job to manage activities such as these in consultation and in communication with the President, the Secretary, and the Board of Trustees.

At the start of 2021, blog editors who received remuneration were told this would stop in 2022. Throughout 2021, we began to pull back in other ways – for example, no longer linking directly to the blogs from the ams.org front page, no longer communicating about new posts on AMS social media, and no longer advertising for replacement editors. While it may have come as a surprise to some that the blogs were winding down, this has been in the works for some time. We are working amicably with each blog editor to publish posts they had in their pipelines. The blog posts will remain archived at <https://blogs.ams.org/>. A few of the editors and I are discussing possible future incarnations to host ongoing contributions that would be similar to their prior blogs, and if these conversations result in something new, you'll hear about it.

Second, **MathSafe**. The [AMS Policy on a Welcoming Environment](#) was adopted by the January 2015 AMS Council and revised in January 2019. It applies to all AMS activities, including committee meetings and conferences. This policy is supported in multiple ways. Here, I will describe the existing infrastructure that supports this policy and will describe a new addition to this infrastructure called MathSafe.

The Mission Statement of the AMS states that our publications, meetings, advocacy and other programs encourage and facilitate the full participation of all individuals. The Welcoming Environment Policy reads as follows:

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,

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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.

Since 2015, the AMS has subscribed to the external service EthicsPoint to help us address reported conduct violations experienced by members of our community. While reports remain anonymous, EthicsPoint allows for electronic correspondence between the submitter and the AMS. Cases involving AMS staff are handled by our director of human resource, while cases involving members of our community are overseen by the Executive Director. Expert and legal advice is consulted as needed. A report of EthicsPoint cases from the prior year is provided to the Board of Trustees each spring by the Executive Director. To date the AMS has addressed a total of thirteen cases, all involving bias or harassment.

As Council members know, all AMS committees include the welcoming environment policy on each agenda. Time is spent at the start of each committee meeting describing the essence of the policy, addressing any questions, and explaining how someone might proceed if they feel the policy is not being followed. In addition to speaking directly to the committee chair, AMS Secretary, or AMS Executive Director, a person could choose to submit a concern through EthicsPoint.

At AMS conferences, the Welcoming Environment policy is printed in the conference program, along with information about how to contact that conference's ombudsperson. A trained AMS staff member is designated as the onsite ombudsperson for each conference and is available to anyone who would like to discuss a matter of concern. The EthicsPoint portal is also available to anyone who would prefer to make an anonymous report.

A new endeavor called [MathSafe](#) provides an additional way to support the mathematics profession at meetings and conferences. MathSafe was to be piloted at the 2022 Joint Mathematics Meetings in Seattle and would have been reviewed by a subcommittee of the Council's Committee on Meetings and Conferences later this spring. MathSafe is actively being considered for adoption by other mathematics professional societies to support their code of conduct policies at their conferences.

Briefly, MathSafe introduces a mechanism for trained volunteers to support the Welcoming Environment Policy during conferences. Volunteers wear a MathSafe button to indicate their willingness to assist anyone who feels they have witnessed or experienced an unwelcoming environment. It is important to emphasize that volunteers are *not* actively enforcing codes of conduct, nor are they settling any arguments. By wearing a MathSafe button, they are signaling their willingness to listen and help. If requested, the volunteers can connect those who experience harassment, bullying, or other unwelcome behavior with the conference ombudsperson, who would help them access support services and formal reporting channels in the usual manner.

For a further description of MathSafe, including FAQs (frequently asked questions), please visit the website at <http://www.mathsafe.org>.

Where did the idea for MathSafe come from? The [National Academies of Sciences, Engineering, and Medicine](#) released a consensus [report](#) in 2018 titled Sexual Harassment of Women: Climate, Culture, and Consequences in Academic Sciences, Engineering, and Medicine. This report documented serious issues

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with harassment of women, with much of it occurring at professional conferences. Subsequently, the [Societies Consortium on Harassment in STEMM](#) was formed. The mathematics discipline is represented in this consortium by the AMS, [SIAM](#), [MAA](#), [ASA](#), and [AWM](#). They join with over 130 professional societies representing disciplines in science, technology, engineering, and medicine. At a Societies Consortium convening, members were introduced to [Safe AGU](#), a program of the [American Geophysical Union](#). This was held up as a model for consideration by other disciplines. The Executive Directors of these five mathematical societies recognized the potential to improve the climate for mathematics conference attendees. This was discussed at meetings of, for example, the Joint Policy Board of Mathematics ([JPBM](#)). We decided to work together to develop something similar to Safe AGU that could be shared for possible adoption at a range of mathematics conferences.

In January 2020, the presidents of the four member societies of the JPBM (AMS, SIAM, ASA, MAA) sent a letter to the Association for LGBTQ+ Mathematicians ([Spectra](#)) in response to Spectra leadership's expression of concern about climate and safety regarding the 2022 International Congress of Mathematics ([ICM](#)) being held in Russia. A copy of this letter was sent to the Local Organizing Committee ([LOC](#)) of the ICM. The letter included the following paragraph:

We are pleased to share that the AMS has offered to help ensure a welcoming environment with a program that this society will be launching at JMM2021. The program, modeled on that of another professional society, provides trained and easily identified on-site staff and volunteers who can effectively address issues related to climate and to the welcoming environment policies. For ICM, the AMS will work in partnership with the LOC to offer such a program.

The program this letter refers to had no name at the time, but was inspired by ongoing discussions to introduce something similar to Safe AGU at mathematics conferences. Consequently, the AMS took the lead in developing what is now known as MathSafe. This program was to be piloted at the 2022 Joint Mathematics Meetings. The intention is to refine the program and offer another training in the spring of 2022 for volunteers planning to attend the ICM or other future conferences.

The first round of training was delivered by the same consulting firm that trains volunteers for the Safe AGU program, [SMARTS Consulting](#). Over 130 people signed up for the first MathSafe volunteer training on November 4, 2021. A second training for leaders involved in running the program was held on November 9, 2021. These trainings include representatives from the ICM LOC, as well as some JMM partner societies ([AWM](#), [SIAM](#), [COMAP](#), [ASL](#), [NAM](#)). From the AMS, all staff who attend AMS conferences are trained, although it is each individual's personal choice whether or not to volunteer and wear a button. Several people from AMS governance, including some from the AMS Committee on Meetings and Conferences and the AMS Committee on Human Rights of Mathematicians, attended the trainings.

The training and program, as well as the first pilot (whenever it occurs) will be reviewed by a subcommittee of the AMS Committee on Meetings and Conferences. We anticipate offering MathSafe at future AMS conferences and we expect that other professional societies may adopt MathSafe going forward. We imagine that we will continue to refine the program going forward, to ensure that it is supporting our Welcoming Environment Policy in the ways that we expect. If you are curious and want to attend a future MathSafe training, please visit the website to sign up.

In closing, it is my absolute pleasure to serve our mathematics community in my role as the Executive Director of the AMS. It is deeply rewarding to work with exceptional employees and with hundreds of dedicated volunteers. The pandemic has been rough on everyone, including me. The support we give each other is so important. Even when we disagree on the best approaches, it is clear that we share a common desire to advance math research in the most impactful ways possible. Thank you.

*Dr. Catherine A. Roberts
Executive Director
January 4, 2022*