



**EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES MEETING  
MAY 12-13, 2022**

**MINUTES**

A joint meeting of the Executive Committee of the Council (EC) and the Board of Trustees (BT) was held Thursday and Friday, May 12-13, 2022 at the AMS MR Office and Graduate Hotel in Ann Arbor, MI (some members attended virtually via Zoom).

All members of the EC were present: Ruth Charney, Boris Hasselblatt, Bryna Kra, Kasso Okoudjou, Gigliola Staffilani (via Zoom), Francis Su (via Zoom), and Bianca Viray. It is noted for the record that a quorum (four members) was present.

All members of the BT were present: Matthew Ando, Linda Chen, David Morrison (via Zoom), Joseph Silverman, Jennifer Taback, Douglas Ulmer, and Judy Walker. It is noted for the record that a quorum (six members) was present.

Also present were the following AMS staff members: Doug Allen (Director of Development [via Zoom]), Tom Blythe (Chief Information Officer [via Zoom]), Edward Dunne (Executive Editor, Mathematical Reviews), Vanessa Goncalves (Assistant to Executive Director [and recording secretary of this meeting]), Robert Harington (Associate Executive Director for Publishing), Leona Harris (Director of Equity, Diversity, and Inclusion), Tyler Kloefkorn (Associate Director of Government Relations), Torina Lewis (Associate Executive Director for Meetings & Professional Services), Lucy Maddock (Chief Financial Officer and Associate Executive Director for Finance and Administration), Catherine Roberts (Executive Director), Karen Saxe (Associate Executive Director for Government Relations), Scott Turner (Director of Communications).

President Ruth Charney presided over the EC and ECBT portions of the meeting (items beginning with 0, 1, and 2). Board Chair Matthew Ando presided over the BT portion of the meeting (items beginning with 3).

Items in these minutes occur in numerical order, which is not necessarily the order in which they were discussed at the meeting.

## 0 CALL TO ORDER AND ANNOUNCEMENTS

### 0.1 Opening of the Meeting and Introductions.

President Charney called the meeting to order and had participants introduce themselves.

### 0.2 AMS Policies Related to this Meeting.

Secretary Hasselblatt briefly reviewed the following AMS policies related to the conduct of this meeting.

#### 0.2.1 Confidentiality Statement for ABC and ECBT Meetings.

The following policy was adopted by the May 2007 ECBT.

*Details of items appearing in the ABC and ECBT agendas are confidential until they have been scheduled, at the ECBT meeting, to appear in open minutes. Then the actions taken become public, but not discussion. General issues of import to the mathematical community are not confidential.*

#### 0.2.2 Conflict of Interest Policy for Officers and Committee Members.

The following policy was adopted 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.

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.

ECBT members are asked to alert the Secretary or the Executive Director to any agenda items with which they may have a conflict of interest, preferably well in advance of the meeting.

### **0.2.3 Policy on a Welcoming Environment.**

The following policy was adopted by the January 2015 Council and modified by the January 2019 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](http://www.mathsociety.ethicspoint.com). The reporting mechanism ensures the respect of privacy while alerting the AMS to the situation.*

For AMS policy statements concerning discrimination and harassment, see the AMS Anti-Harassment Policy ([www.ams.org/about-us/governance/policy-statements/anti-harassment-policy](http://www.ams.org/about-us/governance/policy-statements/anti-harassment-policy)).

### 0.3 **AMS Governance Structure.**

Secretary Hasselblatt and Executive Director Roberts feel it is important to review the AMS's overall governance structure, and how a particular body fits within that structure, at the beginning of each governance meeting. Below is a summary related to the ECBT, which has been excerpted from [www.ams.org/governance](http://www.ams.org/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 **Executive Committee** is a subcommittee of the Council and is empowered to act for the Council on matters which have been delegated to the Executive Committee by the Council.

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](#); [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 210 staff members.

#### 0.4 **Housekeeping Matters.**

The Executive Director went over some details about the schedule and arrangements for the events that took place during the ECBT meeting.

#### 0.5 **Additional Topics for Immediate or Future Consideration.**

ECBT members were welcome to state any additional topics not listed on the agenda for immediate or future consideration.

**1I EXECUTIVE COMMITTEE  
INFORMATION ITEMS**

**1I.1 Colloquium Lecturer.**

The EC supported the recommendation of the Colloquium Lecturer Committee to invite Camillo De Lellis (Institute for Advanced Study, Princeton University) to deliver the Colloquium Lectures at the 2023 Annual Meeting in Boston, MA. De Lellis has accepted the invitation.

**1I.2 Gibbs Lecturer.**

The EC supported the recommendation of the Gibbs Lecturer Committee to invite Richard G. Baraniuk (Rice University) to deliver the Gibbs Lectures at the 2023 Annual Meeting in Boston, MA. Baraniuk has accepted the invitation.

**1I.3 Secretariat Business by Mail. Att. #1**

Minutes of Secretariat business by mail during the months December 2021 – April 2022 are in **Att. #1**.

## 2 EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES ACTION/DISCUSSION ITEMS

### 2.1 Report from the President.

President Charney provided an oral report to the ECBT which included dialogue on: JMM 2022, AMS response to Ukraine, and AMS effort on diversity.

### 2.2 Update on AMS Fall Policy Committees.

#### 2.2.1 Update on Committee on the Profession (CoProf). Att. #2

The next CoProf meeting will be held September 17-18, 2022, in Providence, RI.

The CoProf Chair for February 1, 2022 - January 31, 2023 is Gail Letzter, Mathematics Research Group at United States Department of Defense. The staff liaison to the committee is Torina Lewis, Associate Executive Director, Meetings & Professional Services.

A summary report from the September 2021 CoProf meeting is attached (#2). Previous reports, the committee charge, and the current committee roster are available on the CoProf webpage: [www.ams.org/about-us/governance/committees/cprof-home](http://www.ams.org/about-us/governance/committees/cprof-home).

#### 2.2.2 Update on Committee on Publications (CPub). Att. #3

The next CPub meeting will be held September 16-17, 2022.

The CPub Co-Chairs are Steven Bradlow of the University of Illinois for September 9, 2021 - January 31, 2023 and Kiran Kedlaya of the University of California San Diego for February 1, 2022 through January 31, 2023. The staff liaison to the committee is Robert Harington, Associate Executive Director, Publishing Division.

A summary report from the September 24-25, 2021 CPub meeting is attached (#3). Previous reports, the committee charge, and the current committee roster are available on the CPub webpage: [www.ams.org/about-us/governance/committees/cpub-home](http://www.ams.org/about-us/governance/committees/cpub-home)

#### 2.2.3 Report on Committee on Education (CoE). Att. #4

The next COE meeting and Mini-conference on Education will be held September 22-24, 2022 in Washington, DC.

The CoE Chair is Malcolm Adams of the University of Georgia for February 1, 2022 through January 31, 2023. The staff liaison to the committee is Tyler Kloefkorn, Associate Director of the Office of Government Relations.

A summary report from the September 2022 CoE meeting is attached (#4). Previous reports, the committee charge, and the current committee roster are available on the CoE webpage: <http://www.ams.org/about-us/governance/committees/coe-home>.

### **2.3 Report on Long Range Planning Committee (LRPC).**

President Charney reported that the LRPC met virtually on May 12, 2022. Some of the main topics of discussion included: How can the AMS better support mid-career mathematicians?; What types of benefits might help increase membership?; Should we consider another major fundraising campaign?

### **2.4 Prize Oversight Committee (POC).**

Chair of the POC, Jared Wunsch, provided an update on the review of the AMS Fellows Program. Wunsch stated that a survey was sent to Fellows this year that resulted in some thoughtful responses. Wunsch asked ECBT members reach out to him with any suggestions or questions.

### **2.5 Membership Communication Materials for Members and Potential Members.**

In 2021, Membership and Communications began work to update the language on membership webpages, marketing pieces, and onboarding/welcome emails. With ideas from discussions with governance and staff, the team framed the membership message to focus more on some of the purpose-driven benefits of becoming an AMS member. The initial work concluded in March 2022. The ECBT reviewed the updated membership materials presented by Megan Turcotte, Director of Membership, and provided feedback for the next revision.



**2I EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES  
INFORMATION ITEMS**

**2I.1 State of the AMS. Att. #23**

The Executive Director's annual report appears in *Notices of the AMS* (#23).

**2I.2 Changes in Registration Fees in Meetings and Professional Services.  
Att. #24**

The Executive Director is authorized to make changes in registration fees for AMS products and then inform the ECBT. Att. #24 reports changes made since the last ECBT meeting.

**2I.3 2022-2023 AMS Centennial Fellowship.**

Upon recommendation of the AMS Centennial Fellowship Committee, Mimi Dai (University of Illinois at Chicago) was offered the 2022-2023 Centennial Fellowship. Dai accepted the award. The amount of the Fellowship is \$50,000.

**2I.4 2022-2023 AMS Joan and Joseph Birman Fellowship.**

Upon recommendation of the AMS Joan and Joseph Birman Fellowship Committee, Bianca Viray (University of Washington) was offered the 2022-2023 Birman Fellowship. Viray accepted the award. The amount of the Fellowship is \$50,000.

**2I.5 2022-2023 Claytor-Gilmer Fellowship.**

Upon recommendation of the AMS Claytor-Gilmer Fellowship Committee, Ryan Hynd (University of Pennsylvania) was offered the 2022-2023 Claytor-Gilmer Fellowship. Hynd accepted the award. The amount of the Fellowship is \$50,000.

**2I.6 Report on Use of Donations Collected for FIMU.**

Information is provided annually about donations passed through to the Friends of the International Mathematical Union (FIMU) after being collected by the AMS. These donations are add-ons to annual AMS membership renewals.

Year	Amount
2018	\$8,336
2019	\$7,781
2020	\$8,794
2021	\$7,912

The funds are used by FIMU to foster mathematics research and scholarship in developing countries. IMU support for developing countries is managed by the IMU Commission for Developing Countries (CDC). Their recent activities are described at [www.mathunion.org/cdc](http://www.mathunion.org/cdc).

## **2I.7 Update on AMS Spring Policy Committees.**

### **2I.7.1 Update on Committee on Meetings and Conferences (CoMC).**

CoMC met on February 26, 2022.

The CoMC Chair for February 1, 2022 - January 31, 2023 is Gerard Venema of Calvin University. The staff liaison to the committee is Torina Lewis, Associate Executive Director, Meetings & Professional Services.

Previous reports, the committee charge, and the current committee roster are available on the CoMC webpage: [www.ams.org/about-us/governance/committees/comc-home](http://www.ams.org/about-us/governance/committees/comc-home).

### **2I.7.2 Update on Committee on Equity, Diversity, and Inclusion (CoEDI).**

CoEDI met on February 24-25, 2022, in Providence, RI.

The CoEDI Chair for February 1, 2022 - January 31, 2023 is Dennis Davenport of Howard University. The staff liaison to the committee is Leona Harris, Director of Equity, Diversity, and Inclusion.

Previous reports, the committee charge, and the current committee roster are available on the CoEDI webpage: [www.ams.org/about-us/governance/committees/coedi-home](http://www.ams.org/about-us/governance/committees/coedi-home).

### **2I.7.3 Report on Committee on Science Policy (CSP).**

CSP met on March 15-16, 2022 in Washington, DC.

The CSP Chair for February 1, 2022 - January 31, 2023 is Deborah Lockhart, formerly at the National Science Foundation. The staff liaison to the committee is Karen Saxe, Associate Executive Director of Government Relations.

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](http://www.ams.org/about-us/governance/committees/csp-home)).

## **2I.8 Update on Double Anonymous Review for AMS Journals.**

The January 2021 AMS Council adopted doubly anonymous refereeing as a policy for all AMS journals. A committee including members of the Council, editorial boards, publication staff, and CPub was formed to draw up an implementation plan. On March 21, 2022 the journal *Proceedings of the American Mathematical Society* began to operate as a

doubly anonymous journal. Representation Theory is also now implementing Double Anonymous peer review, and other journals will follow suit

### 2I.9 Communications of the AMS.

[Communications of the AMS](#) (CAMS), a new electronic-only, diamond open access primary journal, launched in 2021. To date, it has published six manuscripts. Managing Editors Ralph Cohen and Qiang Du published an article about CAMS in the November 2021 issue of the *Notices of the AMS*.

### 2I.10 Bergman Prize Update.

Since the 1980s, the AMS has managed the [Stefan Bergman Prize](#), a prize created by the estate of Stefan and Adele Bergman and funded by a trust held at Wells Fargo Bank. In April 2022, Wells Fargo transferred these assets, valued at approximately \$550,000, to the AMS, which will allow the AMS to reimagine this award while continuing to honor the original intention of the Bergmans. The Bergman Fund endowment at the AMS is expected to generate, at the current 4% spending rate, annual income of approximately \$22,000.

At its April 2022 meeting Council took two actions related to this matter. First, Council voted to discontinue the previous Bergman Prize and discontinue the prize nomination committee. Second, Council requested that CoProf prepare a proposal to establish a new class of AMS Fellowships, with the first of these fellowships to be funded by the Bergman endowment.

### 2I.11 Dates of 2022 and 2023 ABC and ECBT Meetings.

	Fall 2022	Spring 2023	Fall 2023
ABC	October 7, 2022 (virtual)	April 14, 2023 (virtual)	October 6, 2023 (virtual)
ECBT	November 17-18, 2022 (Providence, RI)	May 11-12, 2023 (Washington, DC)	November 16-17, 2023 (Providence, RI)

**3 BOARD OF TRUSTEES  
ACTION/DISCUSSION ITEMS**

**3.1 Financial Review.**

**3.1.1 Discussion of Fiscal Reports.**

Melissa Couto, Controller and Lucy Maddock, Chief Financial Officer reviewed the Fiscal Reports. Attention is directed, in particular, to the following sections:

- Guide to the Fiscal Reports (immediately following the Table of Contents).
- 2021 Results: The Financial Review Memo (M Pages) and the Fiscal Reports focus on the actual results for the year just ended.
- Sections A and B, which contain the 2021 actuals including explanations of variances, as well as 2022 year-to-date budget, actuals, and projections.
- Section D, which contains information about spendable income, long-term investments and endowment funds.
- Section F, which contains the 2022 Capital Plan and 2021 actual Capital Expenditures.

**3.2 Spendable Income, Operations Support Fund and other Related Items.**

The Society uses its long-term investments for several purposes, and for that reason it divides its investments into various funds. The following items deal with those funds – additions, transfers and spending.

The description of the way in which the AMS organizes its long-term investment portfolio is contained on pages D-5 to D-9 of the Fiscal Reports. A diagram summarizing this description, which has labels showing how the five parts of Item 3.2 are connected to the process, is displayed on page D-8.

**3.2.1 Allocation of Operations Support Fund (OSF) Spendable Income.**

At the May 2001 Board of Trustees approved the following (from Item 2E.5 of those minutes):

*Income from reserves should be allocated to each year's budget to service and outreach programs of the Society (without specifying exactly which programs). The total amount should be approved by the May ECBT, when revenue projections for the following year are made.*

The spendable income from the OSF for 2022 and 2023, determined according to the guidelines approved by the BT, is \$4,910,000 and \$5,420,000 respectively. The 2022 amount was previously approved at the November 2021 ECBT meeting at the 4% spending rate.

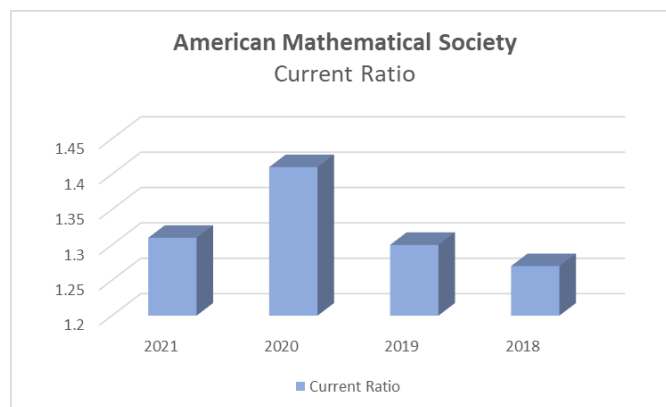
OPERATIONS SUPPORT FUND (OSF)								
For 2023, Based on Year End 2018-2021								
Calculation done a year in arrears compared to true endowment funds								
	2023	2022	2021	2020	2019	2018	2017	2016
Actual Year End Balances			\$ 163,083,120	\$ 143,015,888	\$ 133,203,639	\$ 103,642,295	\$ 111,748,274	\$ 94,606,082
	2023	2022	2021					
Average Balance	\$ 135,736,236	\$ 122,902,524	\$ 110,800,073					
<i>(Preceding 4 Yrs with a 1 Yr lag)</i>								
BT Approved Spending Rate	4%	4%	4%					
SPENDABLE INCOME BY YEAR	\$ 5,420,000	\$ 4,910,000	\$ 4,430,000					

The BT approved the amount \$5,420,000 as OSF spendable income for 2023 at the spending rate of 4%.

### 3.2.2 Addition to Operations Support Fund (OSF).

At its November 2021 meeting, the Board approved the recommendation that the amount owed to operations from the long-term investment portfolio at December 31, 2021 be used first to fulfill any obligation to maintain the value of true endowment funds at their original gift amount, if needed. Any other funds remaining might be needed by operations, and would be transferred to the Society’s operating account at year end. Any funds in excess of operating needs would remain in the investment portfolio, provided that there are enough undesignated, unrestricted net assets available to accomplish this.

At December 31, 2021, the Society’s current assets totaled \$20,787,712 and its current liabilities totaled approximately \$15,888,636 resulting in a current ratio of 1:31 to 1. In the past, the Society has targeted a ratio of 1 to 1 or greater for current assets to current liabilities.



Each year, the operating portfolio, current ratio, and other factors are evaluated to determine if additions can be made to the OSF. The last addition, in the amount of

\$2,000,000, was approved by the May 2011 ECBT. As of December 31<sup>st</sup>, 2021, the AMS' operating funds invested in the long-term portfolio amounted to \$10,429,443. Of this, \$2.429 M is required to balance endowment contributions and risks related to negative investment returns. \$8,000,000 is available to invest in the long-term portfolio.

**The BT approved the transfer of eight million dollars (\$8,000,000) from the AMS invested operating funds in the long-term portfolio to the board-designated quasi endowed Operations Support Fund.**

### **3.2.3 Rebalancing of Economic Stabilization and Operations Support Funds.**

Under the policy adopted by the Board of Trustees at its May 2006 meeting, at the end of each fiscal year the allocated values of the Economic Stabilization Fund (ESF) and the Operations Support Fund (OSF) are rebalanced such that the ESF always equals the target.

**ESF TARGET DEFINED:** Under policies adopted by the BT at its May 2006 meeting, the ESF shall be maintained at a balance equal to the sum of 75% (changed to 50% as of May 2016) of a year's operating expenses plus 100% of the post-retirement benefit plan's accumulated plan benefit obligation (APBO). In November 2014, the BT voted to add \$1,700,000 in funds to the ESF for self-insuring against flood risk. This amount will be increased by 3% every year as an addition to the ESF.

The amount and direction of the rebalancing required at each year-end is principally dependent upon the return on the long-term investment portfolio and actuarial changes in the AMS retiree medical benefits liability. The investments' return was 14.4% for 2021. At year-end, \$4,177,035 of ESF funds were transferred to the OSF, because of the gain in investment value of the ESF and the reduction in Other Post Employment Benefits (OPEB, AMS retiree medical costs) actuarial liabilities.

### **3.2.4 Appropriation of Spendable Income from Unrestricted Endowment.** **Att. #30**

The May 2001 Board of Trustees approved the following (from Item 2E.5 of those minutes):

*Each year, the budgeting process will include recommendations for allocating spendable income from the Unrestricted Income Endowment for specific projects. The allocated income will be treated as revenue for operations, offsetting (part of) the expenses. These recommendations will be brought to the Board for approval at its November meeting in the normal budgeting process. The goal will not be to use all the income from such funds each year, but rather to use some of the income every year for the support of mathematical research and scholarship. Using such income should be a regular part of our operations rather than an exceptional situation.*

At the November 2021 ECBT, the BT approved the budgeted estimate of \$355,800 in appropriated unrestricted spendable income for 2022. The actual amount of available spendable income is recalculated each year subsequent to the close of the audit of the prior year's financial records. For 2022, the calculated amount of appropriated spendable income from the unrestricted income endowment is \$376,000.

The BT previously approved the 2022 spendable income projects. The list of approved projects is attached (#30).

### **3.2.5 Report on Changes in Appropriated Spendable Income.**

The Executive Director has the authority to transfer spendable income that will not be used on an approved project to another approved project, in case additional support is needed. Any such transfers are to be reported to the BT during the Fall ECBT meeting.

### **3.2.6 Capital Expenditures – 2021 and 2022 Capital Purchase Plans.**

Detailed capital purchase plans are included in the operating plans of each planning unit.

- Page F1 of the Fiscal Reports is a summary of the expenditures by department, with prior years presented for comparison
- Page F2 is a report on the 2021 Budgeted Capital Expenditures
- Page F3 is a report showing the Actual 2021 Capital Expenditures versus the 2021 Budgeted Capital Expenditures

### **3.2.7 Capital Expenditures - Approval of Specific Purchases.**

The BT authorizes any capital projects whose cost exceeds \$100,000.

At the April ABC meeting, the BT requested additional information regarding the capital purchases for the Computer Services Division. The budgeted amounts per project approved at the November ECBT meeting are listed below.

- Storage Array Network - \$125,000
- Core Switches - \$25,000
- Cloud-based Phone System - \$20,000
- Peripherals - \$15,000

### **3.2.8 Journal Archive Fund.**

#### **3.2.8.1 Proposed New Approach to the Journal Archive Fund.**

In November 1995, the ECBT created the Journal Archive Fund to prepare for future digitization needs for AMS journals. In 2017, the BT decided to limit the Fund to \$1,000,000, with excess investment earnings to be returned to the Operations Support Fund. This has not occurred, and the fund's total is now approaching \$1,985,000.

Given the rapid pace of technological advancement and the growing need to invest in projects that support our publishing endeavors, AMS staff believes that maintaining a robust source of funding to support new publishing projects is important to remain competitive. Recent examples include:

- In 2020, the BT voted to release excess funds to cover the first year's commissions of the new international sales agents retained to expand AMS coverage in Western Europe, Asia and South America, which cost \$280,000.
- In 2021, the BT voted to release \$530,000 in excess funds in 2022 to support the international sales agent commissions, to replace the outdated PUBL software, and to create a new and improved AMS Bookstore.

**The BT approved AMS staff recommendation to rescind the 2017 decision to return excess accumulated funds to the OSF and continue to hold earnings in the Fund for future needs.**

### **3.2.8.2 Proposed New Name for the Journal Archive Fund.**

In November 1995, the ECBT created the Journal Archive Fund. This followed an extensive discussion of the need to prepare for potential changes in electronic data in the future. It was recognized that it would be likely that the Society periodically would need to convert the electronic files from publications in order to make them accessible to future users.

In 2021, the BT requested that the name of this fund be changed to better reflect a more modern characterization of the purpose of this fund, which is now being used for a wider range of uses that support modernization and sales projects related to all of our publication products (journals, books, MathSciNet).

**The BT approved that the Journal Archive Fund be renamed the Publications Support Fund.**

### **3.3 Cash Contributions and Society Memberships - Year 1 Review.** **Att. #31, Att. #32**

The website showcasing the many AMS partnerships with other organizations can be found at [www.ams.org/about-us/partnerships](http://www.ams.org/about-us/partnerships). This page describes the monetary, administrative, and other in-kind support the AMS provides to organizations that share our interest in the mathematical sciences. This support extends our work in fulfilling our mission.

The November 2018 ECBT established a *Procedure for Approval and Review of Donations* (**Att. #31**). The Year 1 Review, last conducted in May 2019, is to examine the cash contributions in the areas of Advocacy & Awareness, Publishing & Technology, and Other.

During the annual budgeting process, each Associate Executive Director plans for their division's cash contributions and organizational memberships. Any changes are reviewed



by the Executive Director to ensure compatibility with AMS priorities. Because new requests for unbudgeted cash donations are received throughout the year, the Executive Director is authorized to approve new cash contributions up to \$15,000 per organization per year. Details about the individual beneficiaries are in **Att. #32**

	2019	2020	2021	2022 budgeted
Advocacy & Awareness	\$63,907	\$42,347	\$26,138	\$42,300
Publishing & Technology	\$81,079	\$78,952	\$74,358	\$72,940
Other	\$1,690	\$2,350	\$2,655	\$2,600

In 2020 & 2021, mid-year changes were implemented, which resulted in an actual spend that was below original budget. For example, some contributions intended to provide participant support for in-person conferences were modified when these meetings were cancelled or converted to a virtual format due to the COVID-19 pandemic. We budgeted conservatively in 2021.

**3.4 Investment Committee Report. Att. #33**

The Investment Committee met virtually on May 3, 2022. Douglas Ulmer, Treasurer, provided a report to the ECBT which included discussion on asset allocation and performance review. Additionally, per a request from the BT, Vanguard’s Guide to Best Practices for Nonprofit Fiduciaries was emailed to them.

**3.4.1 Recommendation from Investment Committee re whether or not to change endowment fund spending rate.**

The AMS endowment spending rate is reviewed every five years. It was last reviewed at the spring 2017 meeting of the Investment Committee. A recommendation will be forthcoming from the Investment Committee at this meeting.

The Uniform Prudent Management of Institutional Funds Act (UPMIFA) defines the specific standards to which boards must adhere when governing their institutions’ funds. UPMIFA makes it possible for each organization to either spend funds or accumulate funds, as its board sees fit. While UPMIFA provides great flexibility in the use of funds for nonprofit institutions, it does mention that the board should take into account a number of key financial tenets. Reviewing UPMIFA and choosing an appropriate spending policy that adheres to UPMIFA standards is an essential part of any trustee’s fiduciary duty to the institution.

The following are seven criteria UPMIFA suggests boards consider as part of their institution’s spending decisions:

- Duration and preservation of the endowment fund
- The institution and its endowment’s mission
- General economic conditions that could affect the nonprofit
- Effect of inflation or deflation
- Expected total return from income and investment appreciation

- Other resources available to the institution
- The institution's overall investment policy

The AMS currently uses a four-year moving average to calculate spendable income at a predetermined rate of 4%. Utilization of a moving average to assess spendable income conforms with the standard practice at 73% of higher education institutions as evaluated by the National Association of College and University Business Officers (NACUBO). The most commonly used spending formula applies a fixed percentage, codified in the organization's investments policy, which typically ranges between 3.5% - 5.5%. Between 2011-2020, the average spending rate for college and university endowments was 4.6%. Institutions with the largest endowments (over \$1 billion) spent an average of 4.5%.

**The BT approved the Investment Committees recommendation to keep the endowment spending rate the same, at 4%.**

### **3.5 Audit and Risk Committee Report.**

The Audit and Risk Committee met on Friday, May 12, 2022. The 2021 financial statements were presented to the Audit and Risk Committee by our audit firm, Citrin Cooperman.

**The BT approved the Audit and Risk Committees recommendation to accept the draft audited financial statements and delegate to management final resolution of minor edits and issuance of the final statements. [Note: the final report from Citrin Cooperman agreed with the one which had been approved by the Audit and Risk Committee].**

### **3.6 Meeting of the Mathematical Reviews Corporation.**

In 1983, when the building that currently houses Mathematical Reviews was purchased, a Michigan non-profit corporation was formed in order to obtain exemption from local property taxes in Ann Arbor and from sales and use taxes in Michigan. In order to maintain these exemptions, the corporation ("Mathematical Reviews") must be maintained by holding an annual meeting at which the Officers and Directors of the corporation are elected.

The AMS Board of Trustees recessed and convened as the Board of Directors of the Mathematical Reviews Corporation. Judy L. Walker, President of the Corporation was the Chair.

The Board of Directors of the Mathematical Reviews Corporation elected the following officers:

President of the Corporation:	Matthew A. Ando
Treasurer of the Corporation:	Doug L. Ulmer
Secretary of the Corporation:	Linda Chen

Directors of the Corporation:

Ruth Charney  
David R. Morrison  
Joseph H. Silverman  
Jennifer Pietraho Taback  
Judy L. Walker

The meeting of the Board of Directors of the Mathematical Reviews Corporation then adjourned, and the meeting of the AMS Board of Trustees reconvened.

**3C BOARD OF TRUSTEES  
CONSENT ITEMS**

**3C.1 Resolutions for Retirees.**

Traditionally the BT has recognized long-term employees upon their retirements. Below is a list of employees who have retired or will retire before the next BT meeting. Each employee who has been so recognized will receive a certificate with the appropriate BT proclamation, signed by the Chair of the BT and the Secretary.

**The BT approved the following proclamations:**

Randall King	32 years
Denise Morales	16.7 years
Milan Lukic	13.4 years

*Be it resolved that the Trustees accept the retirement of [full name] with deep appreciation for their faithful service over a period of [x] years. The Board expresses its profound gratitude for this long record of faithful service. It is through the dedication and service of its employees that the Society is able to effectively serve its members and the greater mathematical community. The Trustees offer [first name] their special thanks and heartfelt good wishes for a happy and well-deserved retirement.*

Respectfully submitted,



Boris Hasselblatt, Secretary  
Medford, Massachusetts  
July 29, 2022





Boris Hasselblatt  
*Secretary*  
ams\_secretary@ams.org

**SECRETARIAT  
BUSINESS BY MAIL  
MINUTES  
December 1, 2021  
(from the Ballot dated November 1, 2021)**

Votes were cast by Georgia Benkart, Brian Boe, Boris Hasselblatt, Michel Lapidus, and Steven Weintraub. The following actions were taken:

1. Approved hosting the Spring 2025 Meeting of the Western Section at University of Denver, CO on May 17-18, 2025.
2. Approved hosting a Joint International Meeting with the Unione Matematica Italiana in Palermo, Italy, on July 23-26, 2024.
3. Approved holding the April 2022 Council Meeting virtually (as decided at the April 2021 Council Meeting) on April 9, 2022.
4. Approved the Student Chapter petition from the University of Texas Rio Grande Valley.
5. Approved the Student Chapter petition from Utah State University.
6. Approved electing to membership the individuals named on the list dated October 20, 2021.
7. Approved the Minutes of the Secretariat Business by Mail from the ballot dated October 6, 2021.

Boris Hasselblatt



**Boris Hasselblatt** *Secretary*  
ams\_secretary@ams.org

**SECRETARIAT  
BUSINESS BY MAIL  
MINUTES  
January 3, 2022  
(from the Ballot dated December 1, 2021)**

Votes were cast by Georgia Benkart, Brian Boe, Boris Hasselblatt, Michel Lapidus, and Steven Weintraub. The following actions were taken:

1. Approved electing to membership the individuals named on the list dated November 20, 2021.
2. Approved the Minutes of the Secretariat Business by Mail from the ballot dated November 1, 2021.

Boris Hasselblatt



**Boris Hasselblatt**  
*Secretary*  
ams\_secretary@ams.org

**SECRETARIAT  
BUSINESS BY MAIL  
MINUTES  
February 2, 2022  
(from the Ballot dated January 3, 2022)**

Votes were cast by Georgia Benkart, Brian Boe, Boris Hasselblatt, Michel Lapidus, and Steven Weintraub. The following actions were taken:

1. Approved electing to membership the individuals named on the list dated December 20, 2021.
2. Approved the Minutes of the Secretariat Business by Mail from the ballot dated December 1, 2021.

Boris Hasselblatt





ams\_secretary@ams.org

**SECRETARIAT  
BUSINESS BY MAIL  
MINUTES  
March 2, 2022  
(from the Ballot dated February 2, 2022)**

Votes were cast by Brian Boe, Boris Hasselblatt, Michelle Manes, Betsy Stovall, and Steven Weintraub. The following actions were taken:

1. Approved the proposal to host the Fall 2023 SE Sectional Meeting at the University of South Alabama in Mobile on October 6-8, 2023.
2. Approved issuing an invitation to Manjul Bhargava to give the 2024 JMM Erdős Lecture for Students.
3. Approved electing to membership the individuals named on the list dated January 20, 2022.
4. Approved the Minutes of the Secretariat Business by Mail from the ballot dated January 3, 2022.

Boris Hasselblatt



Boris Hasselblatt  
Secretary  
ams\_secretary@ams.org

**SECRETARIAT  
BUSINESS BY MAIL  
MINUTES  
April 1, 2022  
(from the Ballot dated March 2, 2022)**

Votes were cast by Brian Boe, Boris Hasselblatt, Michelle Manes, Betsy Stovall, and, and Steven Weintraub. The following actions were taken:

1. Approved electing to membership the individuals named on the list dated February 20, 2022.
2. Approved the Minutes of the Secretariat Business by Mail from the ballot dated February 2, 2022.

Boris Hasselblatt



**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*





**Committee on Publications (CPub)**  
**2021 Annual Meeting**  
**Summary of Actions taken by CPub**

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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:***

- **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.

*In December, 2021, the report was finalized and submitted to CPub via technical means for review and acceptance. CPub accepted the subcommittee's report with thanks.*



### ***Other Business & Discussion Items:***

- **Establishing a Data Repository for Code and other Files Associated with AMS Journal Papers**

Associate Executive Director Harington shared information on plans to establish a data repository for code and other files for AMS-published journal articles, allowing for citation (DOIs) and the ability to run code.

- **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*.

- **2022 Annual Review**

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.

*Robert M. Harington*  
*Associate Executive Director, AMS Publishing*  
March, 2022



## American Mathematical Society Committee on Education Meeting

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>

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



A version of this State of the AMS report will appear in the August 2022 issue of *Notices of the AMS*.

## 2021 State of the AMS

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. The AMS budget for 2022 is approximately \$33 million and the AMS endowment is valued at approximately \$230 million. Our primary revenue sources are derived from library subscriptions to AMS products such as MathSciNet and our research journals. This income, along with donation and grant support, help us advance research and support the mathematics profession. We do this with 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:

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 another donor 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. These gifts are testaments to the confidence our donors have 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 figure out how to accomplish our goals working from home. We replaced office desktop computers with portable 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 planned virtual JMM in 2021 and sadly postponed an in-person JMM 2022 to offer it in a virtual format three months later. 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 completed its move from Dupont Circle to its new location at the Eastern Market within site of the Capitol. The space is spectacular for hosting AMS committee meetings, as well as convenings of other small groups. We hope you will visit when you are in the area! In the 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. One of the most complex 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.

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 providing open access in January 2021, MathSciNet continues to be relied upon heavily by researchers around the world. An in depth 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. In 2021 we onboarded and supported new members of governance and staff, in particular the new Associate Executive Director of Meetings and Professional Services Dr. Torina Lewis, our new Chief Financial Officer and Associate Executive Director of Administration Lucy Maddock, our new Treasurer Dr. Doug Ulmer, and our new Secretary, Dr. Boris Hasselblatt. Our current Congressional Fellow is Dr. AJ Stewart, who is working for Senator Warnock from Georgia. We have welcomed some new staff mathematicians to the AMS: Dr. Tyler Kloefkorn is our Associate Director of the Office of Government Relations, Dr. Leona Harris is our Director of Equity, Diversity, and Inclusion. Dr. Justin Eilersten joined us as an Associate Editor at Math Reviews with a specialty in numerical analysis and statistics. 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. 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://ams.org) website. We 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. While missteps are inevitable, we are learning from them. Given that we are living in a world where reasonable discourse seems to be diminishing daily, 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 Equity, Diversity, and Inclusion, Dr. Leona Harris, 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.

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*

*April 2022*





Fees for Product in Meetings and Professional Services

JMM Advertising

Year	App:		Program Book:					
	JMM App Banner	Push notifications (each)	Cover 4	Cover 2	2-page Spread	1 page	1/2 page horizontal, vertical	1/4 page
2020	\$2,100	\$275/\$100 for new exhibitors	\$2,999	\$1,899	\$2,79	\$1,49	\$1,200	\$740
2021	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2022	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2023	\$2,10	\$275/\$100 for JMM partners and new exhibitors	\$2,999	\$1,899	\$2,79	\$1,49	\$1,224	\$755

Year	Flyer in Registration Packet	Newsletter Ads	Announcements in Newsletter	Mailing List
2020	\$732	\$65 per day, \$199 four days	\$1 word, or .50 cents per word for an announcement for 3 or more days.	\$400 for 1/\$700 for 2
2021	N/A	N/A	N/A	\$150
2022	N/A	N/A	N/A	N/A
2023	\$732/\$371 for JMM partners	\$65 per day, \$199 four days	\$1 word, or .50 cents per word for an announcement for 3 or more days.	\$400 for 1/\$700 for 2

JMM Virtual Exhibit Advertising

Year	Top Banner	Home Page Banner	Landing Page Ad	Tower Ad	Footer Ad	Nav Panel Ad	Content Banner	Inline Ad	Popup Ad	Splash Ad
2021		\$3,500	\$5,000		\$3,500	\$3,500		\$2,000	\$1,500	\$1,500
2022	\$5,000			\$5,000	\$3,500	\$3,500	\$3,500	\$2,500	\$2,000	
2023	\$5,000			\$5,000	\$3,500	\$3,500	\$3,500	\$2,500	\$2,000	

JMM Exhibit Other

Year	Demo Theatre/Workshop Session	BIG Booth slot	Meeting Room Space	Zoom Room Session (2021/2022)
2020	\$500/50-min session	\$100 hour	Variable-basic \$400	
2021	See Zoom Room Session	Same as Regular booth	N/A	\$150/hr
2022	See Zoom Room Session	Same as Regular Booth	N/A	\$150/hr.
2023	\$500/50-min session	\$100 hour	Variable-basic \$400	

JMM Employment Center (fees collected via Mathjobs for table reservations)

Year	Quiet Area 1-2 Interviewers	Committee Table 3-6 Interviewers	One Day table 3 Interviewers
2020	\$360 (\$205 for additional table)	\$450 (\$225 for additional table)	\$200
2021	N/A	N/A	N/A
2022	\$360 (\$205 for additional table)	\$450 (\$225 for additional table)	\$200
2023	\$380 (\$215 for additional table)	\$460 (\$235 for additional table)	\$210

JMM Exhibits Booth Fees

Year	Prime Corner	Prime Inline	Non-Prime Corner	Non-Prime Inline	Island	Special Category	New Venture
2020	\$2,255	\$2,118	\$1,644	\$1,572	\$2,228	\$777	\$522
2021	\$900	\$900	\$900	\$900	\$900	\$900	\$900
2022	\$900	\$900	\$900	\$900	\$900	\$900	\$900
2023	\$2,323	\$2,182	\$1,677	\$1,603	\$2,295	\$800	\$538

JMM Community Book Store

Year	Books	Journals	Poster (sm)	Poster (lg)	Catalog	Promo Lit
2020	\$53	\$53	\$63	\$73	\$53	\$53
2021	N/A	N/A	N/A	N/A	N/A	N/A
2022	N/A	N/A	N/A	N/A	N/A	N/A
2023	\$53	\$53	\$63	\$73	\$53	\$53

JMM Sponsors

	Diamond	Platinum	Gold	Silver	Bronze	Patron
2020	N/A	\$10,000	\$5,000	\$3,500	\$2,000	\$500
2021	N/A	N/A	N/A	N/A	N/A	N/A
2022	N/A	N/A	N/A	N/A	N/A	N/A
2023	\$15,000	\$10,000	\$7,500	\$5,000	\$2,500	\$1,000

JMM Grad School Fair

Year	Grad School Fair (fees/table collected through JMM registration)	Grad School Fair (online; fees collected through AMS customer interface)
2020	\$130	N/A
2021 (Virtual)	\$30	N/A
2022 (Virtual)	\$130	\$150
2023	\$140	\$150

JMM Social Ticketed Banquets

Year	Regular	Student
2020	\$75	\$35
2021	N/A	N/A
2022	N/A	N/A
2023	N/A	N/A

JMM Professional Enhancement Programs (previously minicourses)

Year	Member	Non-member
2020	\$100	
2021	\$100	
2022	\$100	
2023	\$100	\$150

Short Course

Year	Title	Pre-reg member/ non	On-site member /non	Pre-reg S/U/E	On-site S/U/E	Online member/ non	Online S/U/E
2020	Mean Field Games: Agent-based Models from Nash Equilibria	\$151/ \$232	\$185/ \$275	\$84	\$105	N/A	N/A
2021	Mathematical and Computational Methods for Complex Social Systems	Member, Emeritus, Unemployed: \$40		Non-Member: \$60		Students (all Levels): \$20	
2022	3D Printing Challenges and Application	\$151/ \$232	\$185/\$275	\$84	\$105	Same	Same
2023	Polynomial systems, homotopy	\$184/282	235/334	107	138	\$70/\$95	\$50

	continuation and applications						
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Department Leaders and Chairs Workshop

Year	Member	Non-member
2020	\$200	N/A
2021	\$50	\$100.00
2022	\$50 Virtual* \$200 in person	\$100 Virtual* \$200 in person
2023	\$100 Virtual \$200 in person	\$150 Virtual \$300 in person

MathJobs (rolling)

Year	Full-Functioning Account (up to 7 ads)	Full-Functioning Account (1 ad)	Advertising-only Account (up to 7 ads)	Advertising-only Account (1 ad)	Upgrade from 1 ad to 7 ads account
2020	\$625	\$430	\$510	\$320	\$300
2021	\$630	\$430	\$515	\$315	\$300
2022	\$630	\$430	\$515	\$315	\$300
2023	\$750	\$520	\$560	\$360	\$300

MathPrograms (rolling)

Year	Single Program for up to 1 Year	7 Programs for up to 1 year
2020	\$305	\$580
2021	\$310	\$590
2022	\$310	\$590
2023	\$360	\$650

Committee on Education Mini Conference (for DC office)

Year	Member	Non-Member
2020	\$50	\$100
2021	\$50	\$100
2022	\$50	\$100
2023	\$25 virtual \$100 in person	\$50 virtual \$150 in person

Sectional Meetings

Academic Year	Member	Non-member	Student/Unemployed	Emeritus
2020-21	\$79	\$135	\$16	\$20
2020-21 (Virtual)	\$25	\$75	\$10	\$15
2021-22 (Virtual)	\$25	\$75	\$10	\$15
2022-23	\$92	\$165	\$20	\$27

*Prepared by  
Torina Lewis, AED of Meeting and Professional Services  
April 2022*



## 2022 Appropriated Spendable Income

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Each year, the Board of Trustees determines the allocation of spendable income from the unrestricted endowment. For 2022, the available funding is \$376,000.

The allocation of spendable income is at the discretion of the Board. Since spendable income has typically been used to fund a variety of current AMS activities, brief descriptions of some existing programs are provided below. If the Board chooses to support this plan, \$376,000 of available spendable income would be allocated to these projects in 2022.

### AMS FELLOWSHIPS

#### AMS Congressional Fellow (\$125,000)

For many years now the AMS has supported a congressional fellow. Fellows are placed in a congressional office (or equivalent) and spend a year serving that office. Fellows do not represent the AMS. They provide mathematical expertise, in addition to gaining government expertise. The goal is to build a cadre of knowledgeable mathematicians who can serve the interests of mathematics, either inside or outside government. The AAAS and other professional organizations also sponsor fellows. Interest by members of Congress to host fellows on their staff to advise them on science and education issues is growing. The annual stipend is now \$93,013 with allowances for relocation and professional travel plus a contribution toward health insurance.

#### Centennial Fellow (\$25,000)

The revenues from donations and the Centennial Fund endowment do not fully support the Centennial Fellowship. This appropriation will supplement funds from (i) 2022 spendable income from the Centennial Fund (~\$8,300) (ii) 2022 spendable income from the Kathleen Baxter Fund (~\$14,300) and 2022 direct donations (\$2,400). The Fellowship is expected to be \$50,000 in 2021.

#### AMS-AAAS Mass Media Fellow (\$11,000)

The AMS support one graduate student participant in this widely recognized summer program run by the American Association for the Advancement of Science. The student is placed in a media outlet to gain experience while providing scientific expertise. A former AMS-AAAS Mass Media Fellow was recently hired in the AMS Communications Department.

#### Birman Fellowship (\$2,500)

The revenue from the Birman Fund endowment is not yet adequate to fully support the Birman Fellowship. This appropriation will supplement funds from 2022 spendable income of \$47,500 from the Birman Fund. The Fellowship is expected to be \$50,000 in 2021.



### **Claytor-Gilmer Fellow (\$2,000)**

This Fellowship is supported by the Board of Trustees Quasi-Endowment Equity, Diversity and Inclusion Fund. The amount available to support the fellowship in 2022 is \$46,000. Additional funding is also provided by the Green Fund for Equity and Diversity (\$1,000) and the 2020 Fund (\$1,000). The Fellowship is expected to be \$50,000 in 2022.

## **RESEARCH INITIATIVES**

### **MathJax Development (\$20,000)**

MathJax is server-based software for rendering LaTeX expressions into mathematical expressions that can be displayed by standard web browsers and by ebook applications. MathJax development is supported jointly by the AMS and SIAM, and managed by numFOCUS. Since its release in 2010, MathJax has gained a broad group of users and financial supporters.

### **Project NExT (\$15,000)**

Project NExT is a professional development program of the MAA for new or recent PhDs in the mathematical sciences that addresses all aspects of an academic career. Each year the AMS sponsors six Project NExT Fellows who are affiliated with PhD-granting departments and/or show promise in mathematics research.

### **Childcare Grants (\$15,000)**

The AMS provides childcare grants to JMM and AMS Sectional participants who need assistance with funding for childcare in order to fully participate in research related activities. Total grants distributed in 2020 amounted to \$16,000.

### **CBMS (\$8,200)**

Conference Board of the Mathematical Sciences is an umbrella organization of 17 math societies. Its purpose is to promote understanding and cooperation among national organizations to promote research, improve education, and expand the uses of mathematics.

### **Ithaka Portico (\$7,750)**

This is a service from a non-for-profit organization dedicated to helping the academic community use digital technologies to preserve scholarly research.

### **American Association for the Advancement of Science (\$7,500)**

Since the late 1980's, the AMS has committed funds annually to support mathematics speakers at the annual meeting of the American Association for the Advancement of Science.

### **CHORUS (\$5,300)**

An organization of publishers whose mission is to develop and promote provide access to scholarly articles on publicly funded research.

### **arXiv (\$5,000)**

This is annual support to Cornell University for the arXiv, an essential open-access repository of e-prints of mathematics research.

### **Crossref (\$4,750)**

Crossref supports mathematical research by making research outputs easy to find, cite, link, and assess using the Digital Object Identifier (DOI).

### **CLOCKSS (\$4,500)**

Controlled Lots of Copies Keep Stuff Safe (CLOCKSS) is a joint venture between publishers & libraries to ensure the world's e-content is protected. This is an important component in mathematical research publishing.

### **Association for Women in Mathematics (\$4,500)**

Support for the 2022 Association for Women in Mathematics Research Symposium. This includes travel support, preferably to those from the Americas who are not eligible for federal funding.

### **Distinguished Public Service Award (\$4,000)**

The AMS Council established the Award for Distinguished Public Service in response to a recommendation from its Committee on Science Policy. The award recognizes a research mathematician who has made recent or sustained distinguished contributions to the mathematics profession through public service.

### **Golden Goose Award (\$2,500)**

This sponsorship supports the Golden Goose Awards, which recognize STEM research that has led to major breakthroughs. At the award ceremony, members of Congress speak to the importance of federal funding of scientific research.

### **Association for College and Research Libraries Conference (\$2,500)**

This is a division of the American Library Association that serves the higher education community. The AMS attends these meetings to maintain our strong relationships with the librarians who help support mathematical research.

## **EQUITY DIVERSITY AND INCLUSION INITIATIVES**

### **ParaDIGMS (\$30,500)**

Diversity in Graduate Mathematical Sciences initiatives are a collection of activities to help graduate program leaders connect with each other and to foster diversity in the mathematical sciences at the graduate level.

### **EDGE Foundation (\$18,000)**

This sponsorship supports scholarships for the EDGE (Enhancing Diversity in Graduate Education) Program's summer bridge program for female graduate students in the mathematical sciences.

### **Societies Consortium on Sexual Harassment in STEMM (\$10,000)**

To support academic and professional societies in fulfilling their missions as standard bearers for excellence in science, technology, engineering, mathematics, and medical (STEMM) fields, addressing sexual harassment in all of its forms and intersectionalities.

### **Society for the Advancement of Chicanos and Native Americans (\$7,500)**

- (a) Sponsorship to support math speakers at the SACNAS meeting. The Society for the Advancement of Chicanos and Native Americans in Science is an organization that supports students who want to pursue graduate studies.
- (b) Sponsorship for the SACNAS reception at JMM 2022 in order to better foster involvement by Indigenous and Latin groups.

### **Center for National Math Sciences Alliance (\$5,000)**

Participant level support for the Field of Dreams conference, to encourage and support under-represented students to pursue graduate studies in mathematics.

### **National Association of Mathematicians (\$5,000)**

The National Association of Mathematicians (NAM) promotes excellence in mathematical sciences and promotes the mathematical development of all underrepresented minorities (African-Americans in particular). This is support for undergraduate participants to attend the NAM MathFest conference.

### **IMU Volunteer Lecturer Program (\$5,000)**

In accordance with the previous approval by the ECBT, the AMS contributes \$5,000 each year to support the Volunteer Lecturer Program of the IMU's Commission for Developing Countries. The funds support expenses of the volunteer lecturer and participating students.

The recommendations above total \$353,000. A balance of \$23,000 remains to be used for research and EDI initiatives that further the mission of the AMS at the direction of the Executive Director.

*Prepared by  
Catherine Roberts, Executive Director  
Lucy Maddock, Chief Financial Officer  
April 2022*



### Procedure for Approval and Review of Donations

The ECBT approved the following procedure for the approval and review of *Cash Contributions and Society Memberships* starting in 2019 (see 2E.3 from November 2018 ECBT minutes and 3.1.4.1 and 3.1.4.2 from May 2019 ECBT minutes).

1. The Fiscal Reports will include two new entries titled *Cash Contributions* and *Society Memberships*.
2. The BT reviews and approves a total budget for *Cash Contributions* and *Society Memberships* each November as part of the regular budget approval process for the following year.
3. As part of the annual Operating Planning process, the Executive Director will review and approve all planned *Cash Contributions* and *Society Memberships*.
4. Similar to the *Capital Expenditures Policy* that authorizes the Executive Director to approve expenditures under \$100,000, the BT authorizes the Executive Director to approve *Cash Contributions* under \$15,000 per organization per year. Any excess expenditures will be reported to the BT.
5. Review: The Board of Trustees will conduct an in-depth review of *Cash Contributions* following a three-year cycle, where one year of each cycle is devoted to an examination of the overall Society approach to cash contributions and organizational memberships.

During each year's review, the AMS commitment to continuing each contribution should be discussed. Where appropriate, this review could involve a policy committee; however, the actual expenditure is under the purview of the Executive Director and the Board of Trustees. Note that some decisions to make changes may not be able to take effect immediately since we may need to inform the outside organization a year or two in advance.

6. Advertise all contributions in some way.



<i>Responsible Executive</i>	<i>Category</i>	<i>2019 Actual</i>	<i>2020 Actual</i>	<i>2021 Actual</i>	<i>2022 Budget</i>	<i>Item</i>	<i>Description</i>
Saxe	Advocacy & Awareness	\$5,000	\$2,500	\$2,500	\$2,500	<a href="#">Golden Goose Award</a>	This sponsorship supports the Golden Goose Awards, which since 2012 have recognized frivolous-sounding STEM research that has led to major breakthroughs. At the award ceremony, members of Congress speak to the importance of federal funding of scientific research. This is a Supporter level sponsorship.
Saxe	Advocacy & Awareness	\$1,000	\$0	\$0	\$0	<a href="#">Golden Goose Award</a>	This sponsorship supports the Golden Goose Awards, which since 2012 have recognized frivolous-sounding STEM research that has led to major breakthroughs. At the award ceremony, members of Congress speak to the importance of federal funding of scientific research. This sponsorship is to support a video that is prepared and widely disseminated.
Saxe	Advocacy & Awareness	\$3,000	\$0	\$0	\$3,000	<a href="#">AAAS Human Rights Coalition</a>	Sponsorship of the the Science and Human Rights Coalition at the American Association for the Advancement of Science.
Saxe	Advocacy & Awareness	\$4,584	\$0	\$0	\$7,500	<a href="#">AAAS Annual Meeting</a>	Since the late 1980's, the AMS has committed funds annually to support mathematics speakers at the annual meeting of the American Association for the Advancement of Science.
Dunne	Advocacy & Awareness	\$1,500	\$1,500	\$1,500	\$1,500	<a href="#">Mathematics Genealogy Project</a>	This is an annual sponsorship to support the Mathematics Genealogy Project. The MGP data nicely complements the MR data, and is used by MR, for instance, with author profiles. The annual sponsorship ensures that MR has exclusive access to the data.
Roberts	Advocacy & Awareness	\$13,800	\$14,300	\$7,900	\$8,200	<a href="#">CBMS</a>	Conference Board of the Mathematical Sciences is an umbrella organization of 17 math societies. <i>Reduction because we corrected our dues calculation by no longer including our nominee and Emeritus members.</i> This is only an estimate of our 2022 dues bill.
Roberts	Advocacy & Awareness	\$1,863	\$3,887	\$1,138	\$2,000	<a href="#">JPBM</a>	Joint Policy Board of Mathematics gives out annual awards and our share of the prize money is \$1,000. We also pay for travel for JPBM Communications Award winner to attend JMM for talk. This is an estimate of our share.
Saxe	Advocacy & Awareness	\$5,000	\$0	\$3,000	\$5,000	<a href="#">TFAI</a>	The Task Force on American Innovation is an important coalition of companies, university associations, and professional societies that support sustained and robust federal investment in scientific research.
Saxe	Advocacy & Awareness	\$100	\$100	\$100	\$100	<a href="#">CNSF</a>	The Coalition for National Science Funding is an alliance of over 130 professional organizations, universities and businesses. Its goal is to increase the national investment in the NSF's research and education programs. We have an organizational membership for the AMS.
Saxe	Advocacy & Awareness					<a href="#">STEM Education Coalition</a>	The STEM Education Coalition's mission is to raise awareness amongst policymakers at every level about the critical role that science, technology, engineering, and mathematics (STEM) education plays in enabling the U.S. to remain the economic and technological leader of the global marketplace of the 21st century. The AMS is a member at the Leadership Council level.
Roberts	Advocacy & Awareness	\$10,000	\$10,000	\$10,000	\$10,000	<a href="#">Societies consortium on Sexual Harassment</a>	The mission of the Societies Consortium on Sexual Harassment in STEMM is to support academic and professional disciplinary societies in fulfilling their mission-driven roles as standard bearers and standard setters for excellence in science, technology, engineering, mathematics, and medical (STEMM) fields, addressing sexual harassment in all of its forms and intersectionalities.

<i>Responsible Executive</i>	<i>Category</i>	<i>2019 Actual</i>	<i>2020 Actual</i>	<i>2021 Actual</i>	<i>2022 Budget</i>	<i>Item</i>	<i>Description</i>
Lewis	Advocacy & Awareness	\$5,560	\$5,560	\$0	\$0	<a href="#">The Public's Radio</a>	The Public's Radio (formally known as Rhode Island National Public Radio). Its mission is to provide quality journalism and compelling storytelling that informs, educates, and inspires community.
Lewis	Advocacy & Awareness	\$2,500	\$2,500	\$0	\$2,500	<a href="#">Society For Science</a>	The Karl Menger Memorial Awards are given to pre-college students at the Regeneron International Science and Engineering Fair (ISEF). The ISEF is a program of Society For Science & The Public. This contribution provides the affiliation necessary to make these awards at the ISEF.
Lewis	Advocacy & Awareness		\$2,000	\$0	\$0	<a href="#">USA Science &amp; Engineering Festival</a>	The USA Science & Engineering Festival serves as an open forum to showcase all facets of STEM. Its mission is to stimulate and sustain the interest of our nation's youth in Science, Technology, Engineering, and Mathematics (STEM) by producing and presenting the most compelling, exciting, and educational Festival in the world. This is for a palladium sponsorship for the 2018 USASEF.
Lewis	Advocacy & Awareness	\$10,000	\$0	\$0	\$0	<a href="#">National Math Festival</a>	The National Math Festival is held every-other-year (odd years) in Washington DC. Previously, we provided non-cash support.
Harington	Publishing & Technology	\$1,750	\$1,800	\$0	\$2,500	<a href="#">Assoc. College &amp; Research Libraries Conference</a>	This group that serves librarians of higher education communities. This is a division of the American Library Association. The AMS attends their meetings to maintain our strong relationships with librarians who help support MathSciNet and journal subscriptions.
Harington	Publishing & Technology	\$4,132	\$5,031	\$2,500	\$5,000	<a href="#">Stix Fonts</a>	The Stix Fonts project provides, under royalty-free license, a comprehensive font set of mathematical symbols and alphabets to serve the scientific publication community.
Harington	Publishing & Technology	\$1,500	\$0	\$0	\$1,500	<a href="#">PAM Division SLA</a>	Physics-Astronomy-Mathematics (PAM) Math Roundtable Special Libraries Association (SLA). We have to have a booth at the SLA meeting in order to be able to do this sponsorship. This organization does government advocacy for libraries and math publishers.
Blythe	Publishing & Technology	\$1,500	\$1,500	\$1,500	\$1,500	<a href="#">TEX Users Group</a>	Sponsorship of the TUG LaTeX Projects. This sponsorship supports the amsmath package, which we turned over to the LaTeX Team for a number of reasons.
Blythe	Publishing & Technology	\$500	\$500	\$0	\$500	<a href="#">TEX Users Group</a>	Sponsorship of the TUG TeC Development Fund.
Blythe	Publishing & Technology	\$500	\$500	\$500	\$500	<a href="#">TEX Users Group</a>	The TeX Users Group is an organization for people who are interested in typography and font design, and/or are users of the TeX typesetting system.
Blythe	Publishing & Technology	\$650	\$0	\$0	\$650	<a href="#">Apache.org</a>	Sponsorship for the development of Apache software.
Blythe	Publishing & Technology	\$175	\$0	\$0	\$175	<a href="#">Greenshot.org</a>	sponsorship for the development of GreenShots software.
Blythe	Publishing & Technology	\$128	\$0	\$0	\$128	<a href="#">Ubuntu.com</a>	sponsorship for Ubuntu's community projects.
Harington	Publishing & Technology	\$8,200	\$8,240	\$8,240	\$0	<a href="#">ORCID</a>	This supports ORCID author IDs, a nonproprietary alphanumeric code to uniquely identify scientific authors.
Harington	Publishing & Technology	\$4,480	\$4,560	\$4,560	\$4,500	<a href="#">CLOCKSS</a>	Controlled Lots of Copies Keep Stuff Safe is a joint venture between publishers & libraries to ensure the world's e-content is protected.
Harington	Publishing & Technology	\$7,735	\$7,735	\$7,735	\$7,735	<a href="#">Ithaka Portico</a>	This is a service from a non-for-profit organization dedicated to helping the academic community use digital technologies to preserve the scholarly record.



<i>Responsible Executive</i>	<i>Category</i>	<i>2019 Actual</i>	<i>2020 Actual</i>	<i>2021 Actual</i>	<i>2022 Budget</i>	<i>Item</i>	<i>Description</i>
Blythe	Publishing & Technology	\$20,000	\$20,000	\$20,000	\$20,000	<a href="#">MathJax</a>	MathJax is a cross-browser JavaScript library that displays mathematical notation in web browsers. It is open-source software.
Harington	Publishing & Technology	\$2,000	\$5,000	\$5,000	\$5,000	<a href="#">arXiv</a>	This is annual support to Cornell University for the arXiv.
Harington	Publishing & Technology	\$4,680	\$4,680	\$4,680	\$4,680	<a href="#">Crossref</a>	Crossref makes research outputs easy to find, cite, link, and assess using the Digital Object Identifier (DOI)
Harington	Publishing & Technology	\$10,985	\$11,077	\$11,314	\$11,077	<a href="#">STM</a>	Scientific, Technical and Medical Publishers is considered the global voice of scholarly publishing.
Harington	Publishing & Technology	\$834	\$834	\$834	\$0	<a href="#">ALPS</a>	The Association of Learned and Professional Society Publishers is an international trade association of non-profit organizations and institutions that publish scholarly and professional content
Harington	Publishing & Technology	\$2,130	\$2,195	\$2,195	\$2,195	<a href="#">SSP</a>	The Society for Scholarly Publishing is a professional society dedicated to promoting and advancing communication and networking among all sectors of the scholarly communications community.
Harington	Publishing & Technology	\$5,300	\$5,300	\$5,300	\$5,300	<a href="#">CHORUS</a>	The American Institute of Physics leads this organization of publishers whose mission is to develop and implement pragmatic methods to provide access to scholarly articles that report on publically funded research. <i>Robert Harington serves on its board of directors.</i>
Dunne	Publishing & Technology	\$3,900	\$0	\$0	\$0	<a href="#">NISO</a>	In 2019, The National Federation of Advanced Information Services (NFAIS) merged with the National Information Standards Organization(NISO). The joint organization serves the information community – those who create, aggregate, organize, and otherwise provide access to and navigation for scholarly information. With the merger, there is an added emphasis on the development of standards.
Roberts	Other	\$300	\$950	\$1,255	\$1,200	<a href="#">CESSE</a>	The Council of Engineering and Scientific Society Executives is a professional organization for leaders of science and engineering societies in the USA. It runs professional development conferences attended by the Executive Director, the Associate Executive Directors and other staff.
Roberts	Other	\$390	\$400	\$400	\$400	<a href="#">ICIAM</a>	The International Council for Industrial and Applied Mathematics is a worldwide organization for professional applied mathematics societies and for other societies with a significant interest in industrial or applied mathematics. This is a membership fee.
Roberts	Other	\$1,000	\$1,000	\$1,000	\$1,000	<a href="#">McofA</a>	The Mathematical Council of the Americas is a network for professional societies and research institutes based in the Americas. It organizes a quadrennial Mathematical Congress of the Americas. This is a membership fee.