

**AMERICAN MATHEMATICAL SOCIETY
EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES MEETING
NOVEMBER 22-23, 2019**

MINUTES

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**EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES MEETING
NOVEMBER 22-23, 2019**

MINUTES

A joint meeting of the Executive Committee of the Council (EC) and the Board of Trustees (BT) was held Friday and Saturday, November 22-23, 2019, at the AMS Headquarters in Providence, Rhode Island.

All members of the EC were present: Alejandro Adem, Henry Cohn, Jill C. Pipher, Kenneth A. Ribet, Carla D. Savage, Gigliola Staffilani, and Ravi Vakil (by video conference). It is noted for the record that a quorum (four members) was present.

The following members of the BT were present: Ralph L. Cohen (by video conference), Jane M. Hawkins, Bryna Kra, Zbigniew H. Nitecki, Kenneth A. Ribet, Joseph H. Silverman, and Judy L. Walker. Matthew A. Ando was present on Saturday. It is noted for the record that a quorum (six members) was present.

Also present were the following AMS staff members: Thomas J. Blythe (Chief Information Officer), Edward G. Dunne (Executive Editor, *Mathematical Reviews*), Sergei Gelfand (Publisher), Robert M. Harington (Associate Executive Director for Publishing), Ellen H. Heiser (Director of Administration for the Executive Director Division [and recording secretary for this meeting]), Robin Marek (Director of Development), Emily D. Riley (Chief Financial Officer and Associate Executive Director for Finance and Administration), Catherine A. Roberts (Executive Director), Karen Saxe (Associate Executive Director for Government Relations), and T. Christine Stevens (Associate Executive Director for Meetings and Professional Services). Vanessa M. Goncalves (Assistant to the Executive Director) was present on Friday.

President Jill Pipher presided over the EC and ECBT portions of the meeting (items beginning with 0, 1, or 2). Board Chair Bryna Kra 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.

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

0.2 AMS Policies Related to this Meeting.

The President reviewed the AMS policies related to the conduct of this meeting as outlined in items 0.2.1, 0.2.2, and 0.2.3.

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 President asked if there were any matters related to this policy that anyone wished to bring to the attention of the assembly. No matters were raised.

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. 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.

0.3 AMS Governance Structure.

The Secretary and the Executive Director brought the following summary of the AMS governance structure, which was excerpted from www.ams.org/governance, to the attention of the ECBT:

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 five **Policy Committees** ([Education](#), [Meetings and Conferences](#), [Profession](#), [Publications](#), and [Science Policy](#)) and over 20 [Editorial Committees](#) for the various [Journals](#) and [Books](#) it publishes.

The Council and Board of Trustees are also advised by the **Executive Director and the Executive Staff**, who are responsible for seeing that governance decisions are implemented by the Society's 210 staff members.

0.4 2019 AMS Election Results.

Secretary Savage announced the following election results:

President

Ruth Charney, Brandeis University

Term is one year as President Elect (1 February 2020 - 31 January 2021), two years as President (1 February 2021 - 31 January 2023), and one year as Immediate Past President (1 February 2023 - 31 January 2024)

Vice President

Francis Su, Harvey Mudd College

Term is three years (1 February 2020 - 31 January 2023)

Trustee

Joseph H. Silverman, Brown University

Term is five years (1 February 2020 - 31 January 2025)

Members at Large of the Council

Stephan Ramon Garcia, Pomona College

Helen Moore, AstraZeneca¹

Rosa C. Orellana, Dartmouth College

Dylan P. Thurston, Indiana University

Bianca Viray, University of Washington

Terms are three years (1 February 2020 - 31 January 2023)

Nominating Committee

Kristin E. Lauter, Microsoft Research

Tatiana Toro, University of Washington

Talithia Williams, Harvey Mudd College

Terms are three years (1 January 2020 - 31 December 2022)

Editorial Boards Committee

Charles L. Epstein, University of Pennsylvania

Tamar Ziegler, Hebrew University

Terms are three years (1 February 2020 - 31 January 2023)

¹ Helen Moore has declined to serve. As specified in the Bylaws, the Council will appoint a replacement to fill the vacancy at its January 2020 meeting.

Bylaws Amendment

The Amendment to Article IV, Section 8, was passed. This will permit the AMS to react quickly to speak in the name of the Society in the case of human rights or other urgent concerns.

0.5 Housekeeping Matters.

The Executive Director reviewed some details about the schedule and arrangements for the events that will take place during this meeting.

**1I EXECUTIVE COMMITTEE
INFORMATION ITEMS**

1I.1 Secretariat Business by Mail. Att. #5.

Minutes of Secretariat business by mail for the months May 2018 - November 2019 are attached (#5). It is noted for the record that these minutes include actions taken on petitions for new student chapters.

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

2.1 Reports on Policy Committees of the Council.

2.1.1 Report on Committee on the Profession (CoProf). Att. #6.

The ECBT received the attached report (#6) on the September 21-22, 2019 CoProf meeting.

It was noted that the next CoProf meeting will be October 17-18, 2020 at the Westin Detroit Metropolitan Airport, and Wilfrid Gangbo of the University of California, Los Angeles, will continue as Chair in 2020.

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.

2.1.1.1 Structure of Centennial Fellowship.

The May 2018 ECBT requested that CoProf review the underlying principles involved in how the Centennial Fellowship is structured. At the October 2018 CoProf meeting a subcommittee was created to conduct such a review, with members Gregory Lawler (Chair),

Fadil Santosa, and Carla Savage. Its report was discussed at the September 2019 CoProf meeting, and the following recommendations were made to the ECBT:

- That the amount of the Centennial Fellowship be approximately equivalent to that of the Birman Fellowship (which is \$50,000 for the 2020-2021 academic year);
- That two Centennial Fellowships be awarded every two years (i.e., every other year);
- That the recipients be allowed flexibility in how the fellowship amount is spent, as is the case with the Birman Fellowship.

The ECBT approved the following changes and recommended them to the January 2020 Council for approval:

- That the amount of the Centennial Fellowship be approximately equivalent to that of the Birman Fellowship (which is \$50,000 for the 2020-2021 academic year);
- That one Centennial Fellowship be awarded every year;
- That the recipient be allowed flexibility in how the fellowship amount is spent, as is the case with the Birman Fellowship.

2.1.2 Report on Committee on Publications (CPub). Att. #7.

The ECBT received the attached report (#7) on the September 20-21, 2019 CPub meeting.

It was noted that the next CPub meeting will be October 16-17, 2020 at the Westin Detroit Metropolitan Airport, and Douglas N. Arnold of the University of Minnesota, will be the 2020 Chair.

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.

2.1.3 Report on Committee on Education (COE). Att. #8.

The ECBT received the attached report (#8) on the October 24-26, 2019 COE meeting, which included the second Annual [Mini-conference on Education](#) entitled “Mathematics Departments and the Explosive Growth of Computational and Quantitative Offerings in Higher Education.”

COE will host a panel discussion at the Joint Mathematics Meetings in Denver on January 16, 2020 at 1:00-2:30 PM. The title of the panel is “Next Steps: Mathematics Departments and the Explosive Growth of Computational and Quantitative Offerings in Higher Education.”

It was noted that the next COE meeting will be October 22-24, 2020 in Washington, DC, and Katherine (Kate) Stevenson of California State University, Northridge will continue as Chair in 2020.

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

2.1.4 Report on Committee on Science Policy (CSP).

The ECBT was informed as follows:

- CSP will host a panel discussion at the Joint Mathematics Meetings in Denver on January 17, 2020 at 2:30-4:00 PM. The title of the panel is “A Call to Action - Grassroots Advocacy for Our Profession;” panelists are to be decided.
- Michael Vogelius (Rutgers University and former Director of the Division of Mathematical Sciences at the National Science Foundation) will continue as Chair of CSP for 2020. The next CSP meeting will be April 21-22, 2020 in Washington, DC.
- 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.

2.1.5 Report on Committee on Meetings and Conferences (COMC).

The ECBT was informed as follows:

- The next COMC meeting will be March 28, 2020 at The Westin Detroit Metropolitan Airport.
- The Chair for 2020 is Kelley McKinnie of the University of Montana.
- 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.

2.2 Report from the President.

President Pipher reported on the newly-formed Prize Oversight Committee. The inaugural charge includes the following principal activities:

- Develop and implement an approach to recruit larger, more diverse pools of nominees. Further, develop data-driven processes to measure success of these efforts.
- Review the Prizes, Awards, Fellowships and Fellows program periodically. In particular, take over from CoProf the responsibility to regularly review, every 3-5

years, the frequency, number and minimal value of existing prizes and awards, and make recommendations for changes or the introduction of new prizes or awards. In addition, undertake a review of the Fellows Program after its initial ten years and periodically thereafter. (All of this was formerly in the purview of CoProf).

- Review and update prize nomination guidelines. Create and recommend templates and forms in order to uniformize and encourage nominations.
- Work with the Development Committee to identify priorities for the establishment of new prizes and awards.
- Recommend policies and procedures for the revocation of an award or fellowship, consistent with best practices of other societies and academic institutions.

The members of the Committee are Irene Fonseca, Eric Friedlander, Carolyn Gordon, Gloria Beffa, Jill Pipher, Catherine Roberts, Carla Savage, Shmuel Weinberger, and Jared Wunsch (Chair). The Committee met in mid-September 2019 to review and prioritize the elements of its charge. So far, two subcommittees have been formed: one to address the first bullet above and one to address the last bullet above. The Committee will meet again in December 2019 and plans to meet every two months thereafter.

2.3 Report on Long Range Planning Committee (LRPC).

President Pipher, in her role as LRPC Chair, reported that the LRPC met on November 22, 2019 and discussed the following topics:

1. The future of MathSciNet. A working group is being formed to study issues such as MathSciNet's value to the profession; competition with open access, zbMATH, and Google; etc.
2. The role of professional societies in an age when there are other ways to form networks and communities. The LRPC brainstormed about this topic.
3. Fundraising priorities for the AMS. A subcommittee will be formed to provide advice to the Development Committee.

2.4 Motions of the Secretary.

Secretary Savage made the following motion, which was approved by acclamation:

*The Executive Committee and Board of Trustees of the American Mathematical Society record their thanks to **Alejandro Adem** for his service to the Society as a member of the Executive Committee during the past four years. The ECBT expresses its gratitude to Professor Adem for his thoughtful participation and hopes that he will continue to be available to serve the Society in other ways.*

**2C EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES
CONSENT ITEMS**

2C.1 Minutes of May 2019 ECBT Meeting.

The ECBT approved the minutes of the meeting of the Executive Committee and Board of Trustees held May 17-18, 2019, in Providence, Rhode Island, which had been distributed separately. These minutes include:

- ECBT open minutes prepared by the Secretary of the Society
www.ams.org/secretary/ecbt-minutes/ecbt-minutes-0519.pdf
- ECBT executive session minutes prepared by the Secretary of the Society

See also item 3E.4 of the executive session minutes of this meeting for approval of the May 2019 BT closed executive session minutes prepared by the Secretary of the Board.

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

2I.1 Ensuring Speakers at Sectional Meetings are Registered.

The May 2019 ECBT asked staff to implement a way to ensure speakers at sectional meetings are registered for the meeting. Starting with the spring 2020 sectional meetings, registration will be required at the time of abstract submission. If an abstract is not accepted, the proposer will be offered a full refund of their registration.

2I.2 Changes in Registration Fees for Conferences, Short Course, and Employment and Application Services.

The Executive Director is authorized to make changes in registration fees for conferences, short course, and employment and application services and then inform the ECBT. No such changes have been made since the last ECBT meeting.

2I.3 AMS Participation in AAAS Fellowship Programs.

The American Association for Advancement of Science (AAAS) runs many fellowship programs. The following items report on those in which the AMS participates.

2I.3.1 Congressional Fellowship.

The AMS sponsors one [Congressional Fellow](#) who spends a year as staff for a Member of Congress or a congressional committee. This supports efforts to ensure expert scientific and

technical input in legislative and policy areas. The program includes an orientation on congressional and executive branch operations; and a year-long seminar series on issues involving science, technology, and public policy. The AMS has been sponsoring a Congressional Fellow since 2005.

Lucia D. Simonelli has been awarded the 2019-20 AMS Congressional Fellowship. Simonelli received her PhD in mathematics from the University of Maryland, College Park and has most recently been a postdoctoral fellow in the mathematics section at the Abdus Salam International Centre for Theoretical Physics in Trieste, Italy.

The AMS plans to sponsor a Congressional Fellow again in 2020-21. The deadline for receipt of applications for that fellowship is February 15, 2020. An announcement and information on the application process will be sent to mathematical sciences department chairs, in addition to being publicized in the *Notices*, on the AMS website, in newsletters and through AMS social media outlets.

2I.3.2 Mass Media Fellowship.

The AMS sponsors a [Mass Media Fellow](#) each summer through the Mass Media Science & Engineering Fellowship Program organized by AAAS. It is a highly competitive program designed to improve public understanding of science and technology by placing advanced science, mathematics, and engineering students in newsrooms nationwide. Fellows work with media professionals to improve their communication skills and increase their understanding of the editorial process by which events and ideas become news. The AMS has been sponsoring a Mass Media Fellow since 1997.

The AMS sponsored Leila Sloman for 2019. Sloman is a PhD student in Mathematics at Stanford University and worked at *Scientific American* this past summer. She enjoyed the fellowship, found it useful for her future plans, and will submit an article about her experience for the *Notices*.

The AMS plans to sponsor a Mass Media Fellow again in 2020. The deadline for receipt of applications for that fellowship is January 1, 2020. An announcement and information on the application process will be sent to graduate students in the mathematical sciences, in addition to being publicized in the *Notices*, on the AMS website, in newsletters and through AMS social media outlets.

2I.3.3 CASE Fellowship.

The AMS sponsors two students to participate in the [Catalyzing Advocacy in Science and Engineering \(CASE\)](#) workshop in Washington, DC. The workshop introduces STEM students to

the federal policy-making process, and empowers them to become advocates for basic research throughout their careers. The AMS has been sponsoring a Mass Media Fellow since 2019.

PhD students Sumun Iyer (Cornell University) and Sangsan Wakkagan (Boston College) were sponsored by AMS to participate in the March 24-27, 2019 workshop in Washington, D.C., learning about the structure and organization of Congress, the Federal budget and appropriations processes, and tools for effective science communication and civic engagement.

The AMS plans to sponsor two CASE Fellows again in 2020. The 2020 application deadline and workshop dates are to be determined. An announcement and information on the application process will be sent to graduate students in the mathematical sciences, in addition to being publicized in the *Notices*, on the AMS website, in newsletters and through AMS social media outlets.

2I.3.4 Science & Technology Policy Fellowship.

With support from the Alfred P. Sloan Foundation, the American Mathematical Society (AMS), along with the American Statistical Association (ASA), Association for Computing Machinery (ACM), Institute of Mathematical Statistics (IMS), Mathematical Association of America (MAA) and the Society for Industrial and Applied Mathematics (SIAM) sponsors three [AAAS Science and Technology Policy Fellows](#) in the federal government. These Fellows help the federal government with expertise in data science.

The 2019-2020 fellows are William Adler (PhD NYU, Computational Neuroscience), Kyle Novak (PhD University of Wisconsin, Mathematics), and Jiayang Sun (PhD Stanford University, Statistics). Adler most recently worked as a Computational Research Specialist with the Princeton Gerrymandering Project; Novak as a AAAS Science and Technology Policy Fellow with the US Agency for International Development (USAID); Sun is on leave from her position as Professor of Population and Quantitative Health Sciences at Case Western Reserve University.

The deadline for receipt of applications for that fellowship is February 1, 2020. An announcement and information on the application process will be publicized in the *Notices*, on the AMS website, in newsletters and through AMS social media outlets. The AMS has been sponsoring AMS/ASA/ACM/IMS/MAA/SIAM Science & Technology Policy Fellows since 2019. Sloan promised the funding for at least two years; it is expected that the AMS will continue to sponsor Fellows as long as Sloan funding is forthcoming.

2I.4 AMS Registered Trademarks. Att. #14.

The American Mathematical Society is the owner of seven trademarks registered with the United States Patent and Trademark Office. A summary report and copies of the registration certificates are attached (#14).

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

3.1 Budget Review.

3.1.1 Discussion of Fiscal Reports.

The BT discussed items 3.1.1 through 3.2.5 and then voted to approve the 2020 budget as presented, subject to the discussion of item 3E.2 (Salary Increments for 2020) in closed executive session.

3.1.2 Capital Expenditures – 2019 and 2020 Capital Purchase Plans.

The BT reviewed the 2019 and 2020 capital purchase plans and approved the 2020 plan as part of the 2020 budget. See item 3.1.

3.1.3 Capital Expenditures - Approval of Specific Purchases.

This agenda item is reserved for requests for authorization to make capital purchases costing \$100,000 or more. No such requests were made at this meeting.

3.1.4 Cash Contributions and Society Memberships.

The 2020 plan for cash contributions and society membership was approved as part of the 2020 budget. See item 3.1.1.

3.2 Spendable Income, Operations Support Fund and other Related Items. Att. #15.

The Society uses its long-term investments for several purposes, and for that reason it divides its investments into various funds. The following five items deal with those funds – additions, transfers and spending. The description of the way in which the AMS uses its long-term investment portfolio is summarized in Att. #15.

3.2.1 Addition to Operations Support Fund.

The amount due operations from the long-term investment portfolio at the end of 2019 is estimated to be approximately \$3,300,000. Operations may not have a need for the entire amount due from the long-term investment portfolio, so any remaining funds should remain in the long-term portfolio, provided that there are enough undesignated, unrestricted net assets to make this move. It is unlikely that the entire amount due operations from the long-term investment portfolio will remain in the portfolio.

The BT approved the Chief Financial Officer's recommendation that the amount due operations from the long-term investment portfolio at 12/31/19 (estimated to be approximately \$3,300,000) 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 may be needed by operations, and will be transferred to the Society's operating account at year end. After fulfilling the needs of the Society's operations, any remaining operating funds in the long-term investment portfolio should remain there and be officially added to the OSF, provided that there are enough undesignated, unrestricted net assets available to accomplish this.

3.2.2 Rebalancing of Economic Stabilization and Operational 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 balance.

The amount and direction of the rebalancing required at each year end is principally dependent upon the return on the long-term investment portfolio. The BT was informed that, due to the positive returns on the long-term investments through September 2019, it is expected that funds will be moved from the ESF into the OSF in order to rebalance the ESF to the target balance.

3.2.3 Allocation of Operations Support Fund (OSF) Spendable Income.

In the budget each year, income from reserves is allocated to service and outreach programs of the Society (without specifying exactly which programs). The total amount is approved by the ECBT each May.

The income from the OSF for 2019 and 2020, determined according to the guidelines approved by the BT are \$3,630,000 and \$3,882,000, respectively. Both the 2019 and 2020 amounts have been previously approved.

3.2.4 Appropriation of Spendable Income from Unrestricted Endowment. Att. #16.

The Society's endowment funds are divided into three parts:

1. The **Restricted Endowment** funds were given for a specific purpose, such as for a prize or award. Income generated from the Restricted Endowment has legally binding restrictions on its use.
2. The **Unrestricted Endowment** funds were given to the Society's endowment for more general, unspecified purposes.

3. The **Quasi-endowment** funds were not specifically given to the endowment and are reserves of the Society segregated into accounts for special purposes, such as the Economic Stabilization Fund.

When funds are given to the Unrestricted Endowment, they are added to the Society's endowment and invested in perpetuity, with generated income used to support mathematical activities appropriate for the Society. Although it would be possible to apply this income to general operations, the May 2001 ECBT established that the spendable income would be allocated to specific projects that fall under the general description of supporting mathematics. The May 2001 Board of Trustees approved the following (from item 2E.5 of the minutes of that meeting):

Each year, the budgeting process will include recommendations for allocating spendable income from the Unrestricted 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.

The 2020 revenue budget includes \$267,000 of spendable income from the Unrestricted Endowment fund. To assist with allocating this income as revenue for regular operations, staff prepared the attached list (#16) of recommended projects to designate to receive this income.

By virtue of the action on the 2020 budget recorded under item 3.1.1 above, the appropriations for 2020 as shown in Att. #16 were approved.

3.2.5 Report on Changes in Appropriated Spendable Income and Report on Endowment Funds.

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 at their next meeting.

The BT was informed that \$40,000 in leftover funds from prior years was transferred to the Birman Fellowship as planned in the budget for spendable income. In prior years, the \$40,000 had been set aside for the AAAS Mass Media Fellow, High School Outreach, and Graduate Student Chapters, but they were not used. The majority of the \$40,000 came from a fund for Graduate Student Chapters, as these funds were not used in 2019 due to a generous donation received from the anonymous donor.

3.3 Board-designated Fund for Strategic Plan Implementation.

The AMS is in the implementation stage of the 2016-2020 Strategic Plan. Since the beginning of the implementation, the Board of Trustees has set aside funds each year to pay for the cost of strategic initiatives. The value of the fund at December 31, 2018 was \$332,846. The funds have not yet been allocated to 2019 operating costs, as this is usually done near the end of the calendar year. The largest expenses covered by the fund in 2019 will be personnel costs related to the implementation in the Executive Director Department, the Communications Department, and the Mathematical Reviews Division. A report on the expenses covered by this fund through 2019 will be presented at the May 2020 ECBT meeting.

The BT approved the Executive Director's and the Chief Financial Officer's recommendation that the Society set aside an additional \$200,000 to be taken from the Operations Support Fund and designated by the Board of Trustees as part the Strategic Planning Fund, to be used for implementation of strategic plan initiatives.

3.4 Investment Committee Report.

Investment Committee Chair Jane Hawkins reported that the following matters were discussed at the November 22, 2019 Investment Committee meeting:

- Possible investments to replace the Vanguard Intermediate-Term Investment Grade mutual fund in the long-term portfolio
- Whether an outside investment manager is needed (the consensus was not yet)
- What steps might be taken if a recession is coming (the Committee will take a closer look at this at the next meeting)

3.5 Audit and Risk Committee.

Audit Committee Chair Jane Hawkins reported on the November 22, 2019 Audit Committee meeting as follows:

- The Committee met with representatives from the Society's new auditing firm, Citrin Cooperman, to discuss audit planning and any changes in accounting pronouncements affecting the AMS.
- The Committee received an update on EthicsPoint, a reporting tool that provides a way for anyone to confidentially and anonymously report a violation of the [AMS Policy on a Welcoming Environment](#), and made a plan for how to handle reporting on this in the future.

3.6 Trustees' Officers.

The Board elected Ralph Cohen Chair of the Board for the term February 1, 2020 – January 31, 2021.

The Board re-elected Zbigniew Nitecki Secretary of the Board for the term February 1, 2020 – January 31, 2021.

3.7 Trustees' Committees, etc. Att. #17.

The BT briefly reviewed a list of BT committees, Trustee appointments to policy committees, and Trustee liaison assignments to divisions of the Society's administrative offices. It was noted that the Chair of the Board will make necessary appointments (in consultation with the incoming Chair) and relay them to Secretary Savage to send the official appointment letters.

[The appointments made subsequent to this meeting are noted for the record in Att. #17.]

3C BOARD OF TRUSTEES CONSENT ITEMS

3C.1 Authorities Related to Mathematical Reviews Account at PNC Bank.

The BT approved the Chief Financial Officer's recommendation that Edward Dunne, Executive Editor, and Laurence O'Connell, Director of Operations, be granted signature authority on the Mathematical Reviews PNC Bank account, and that Israel Velez Jr., former Director of Operations, and Isaac Ellis, former Office Manager, be removed from signature authority on this account.

3C.2 Recognition for Length of Service.

The BT approved the following proclamations for the employees noted.

20 years of service:

**Shirley A. Hill
Olga Luppov**

The Board of Trustees takes great pride in recognizing <full name> for twenty years 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 their best wishes.

25 years of service:

Gina Alsfeld

David J. Morin

Andi Weiderpass

The Board of Trustees takes great pride in recognizing <full name> who has devoted twenty-five years of service to the Society. 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 their special thanks and their best wishes to <first name> for being such a loyal employee and wish <him/her> well in the future.

30 years of service:

Amy Carpenter

Thomas F. Costa

Randal D. King

Patricia Wai-Ching Leung

The Board of Trustees takes great pride in recognizing <full name> for the outstanding distinction of serving the Society for thirty years. The Board expresses its profound gratitude for this long record of faithful service to the Society. 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 their special thanks and their best wishes to this loyal employee.

35 years of service:

Georgia Greene

Christine Vendettuoli

The Board of Trustees takes great pride in recognizing <full name> for the outstanding distinction of serving the Society for thirty-five 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 their special thanks and their best wishes to <first name> for being such a loyal employee and wish him well in the future.

**40 years of service:
Beverly Demchuk-Burke**

The Board of Trustees takes great pride in recognizing Beverly Demchuk-Burke who has devoted forty years of service to the Society. The Board expresses its profound gratitude for this outstanding distinction 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 their special thanks and their best wishes to Beverly for being such a loyal employee and wish her well in the future.

3C.3 Resolutions for Retirees.

The BT approved the following proclamations:

*Be it resolved that the Trustees accept the retirement of **Suzanne R. Lincoln** with deep appreciation for her faithful service over a period of 15 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 Suzanne their special thanks and heartfelt good wishes for a happy and well-deserved retirement.*

*Be it resolved that the Trustees accept the retirement of **Patricia Wai-Ching Leung** with deep appreciation for her faithful service over a period of 30 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 Patricia their special thanks and heartfelt good wishes for a happy and well-deserved retirement.*

**3I BOARD OF TRUSTEES
INFORMATION ITEMS**

3I.1 Update on Relationship with AWM.

The AMS's initial two-year agreement to provide management services to the Association for Women in Mathematics (AWM) covered the period January 1, 2018 - December 31, 2019. A second two-year agreement has recently been signed covering the period January 1, 2020 - December 31, 2021. Communication between the AMS and the AWM is excellent. A

more comprehensive report, including a full financial accounting of this arrangement, will be presented at the May 2020 ECBT meeting.

31.2 Change in Fringe Benefits.

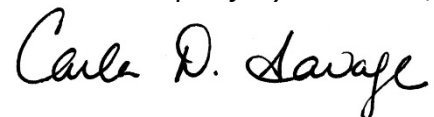
The November 1996 BT authorized the Executive Director to approve changes in benefit plans (except for those changes which would significantly enhance or degrade the Society's financial health or relations with its employees) and asked that these changes be reported to the BT when appropriate.

For the calendar year effective 1/1/2020, AMS will add a Long-Term Care Insurance Option for employees. The plan will be 100% employee-paid.

31.3 Retirement Plan Investment Committee Report. Att. #19.

The Retirement Plan Investment Committee's primary responsibility is to choose and monitor plan funding options (for AMS employees) in a prudent manner ensuring that the Society fulfills its Plan Sponsor responsibilities. As required by its [charge](#), an annual report of the Committee's activities is attached (#19).

Respectfully submitted,



*Carla D. Savage, Secretary
Raleigh, North Carolina
December 31, 2019*



Carla D. Savage
Secretary
ams_secretary@ncsu.edu
919.515.7863

**SECRETARIAT
BUSINESS BY MAIL
MINUTES
May 1, 2019**

(from the Ballot dated April 1, 2019)

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

1. Approved electing to membership the individuals named on the list dated March 20, 2019.
2. Approved the Westin Detroit Metropolitan as the location for the April 25, 2020 AMS Council Meeting (date previously approved).
3. Approved the Minutes of the Secretariat Business by Mail from the ballot March 1, 2019.

Carla D. Savage



Carla D. Savage
Secretary
ams_secretary@ncsu.edu
919.515.7863

**SECRETARIAT
BUSINESS BY MAIL
MINUTES
June 3, 2019
(from the Ballot dated May 1, 2019)**

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

1. Approved electing to membership the individuals named on the list dated April 20, 2019.
2. Approved holding the Spring 2021 Meeting of the AMS Western Section at San Francisco State University May 1-2, 2021.
3. Approved the Minutes of the Secretariat Business by Mail from the ballot April 1, 2019.

All items were approved unanimously

Carla D. Savage



Carla D. Savage
Secretary
ams_secretary@ncsu.edu
919.515.7863

**SECRETARIAT
BUSINESS BY MAIL
MINUTES
July 1, 2019
(from the Ballot dated June 3, 2019)**

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

1. Approved electing to membership the individuals named on the list dated May 20, 2019.
2. Approved the Minutes of the Secretariat Business by Mail from the ballot May 1, 2019.

All items were approved unanimously.

Carla D. Savage



Carla D. Savage
Secretary
ams_secretary@ncsu.edu
919.515.7863

**SECRETARIAT
BUSINESS BY MAIL
MINUTES
August 1, 2019
(from the Ballot dated July 1, 2019)**

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

1. Approved electing to membership the individuals named on the list dated June 20, 2019.
2. Approved holding the Spring 2021 Meeting of the AMS Eastern Section at Brown University on March 20-21, 2021.
3. Approved holding the Fall 2021 Meeting of the AMS Western Section at the University of New Mexico in Albuquerque on October 23-24, 2021.
4. Approved the Minutes of the Secretariat Business by Mail from the ballot dated June 3, 2019.

All items were approved unanimously.

Carla D. Savage



Carla D. Savage
Secretary
ams_secretary@ncsu.edu
919.515.7863

**SECRETARIAT
BUSINESS BY MAIL
MINUTES
September 1, 2019
(from the Ballot dated August 1, 2019)**

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

1. Approved electing to membership the individuals named on the list dated July 20, 2019.
2. Approved the Minutes of the Secretariat Business by Mail from the ballot dated July 1, 2019.

All items were approved unanimously.

Carla D. Savage



Carla D. Savage
Secretary
ams_secretary@ncsu.edu
919.515.7863

**SECRETARIAT
BUSINESS BY MAIL
MINUTES
October 1, 2019
(from the Ballot dated September 3, 2019)**

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

1. Approved electing to membership the individuals named on the list dated August 20, 2019.
2. Approved the Minutes of the Secretariat Business by Mail from the ballot dated August 1, 2019.

All items were approved unanimously.

Carla D. Savage



Carla D. Savage
Secretary
ams_secretary@ncsu.edu
919.515.7863

**SECRETARIAT
BUSINESS BY MAIL
MINUTES
November 1, 2019
(from the Ballot dated October 1, 2019)**

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

1. Approved electing to membership the individuals named on the list dated September 20, 2019.
2. Approved the Minutes of the Secretariat Business by Mail from the ballot dated September 1, 2019.

All items were approved unanimously.

Carla D. Savage

Report on the Committee on the Profession (CoProf)

CoProf approved the following items that it expects to recommend to the January 2020 Council:

- Some minor changes to the guidelines for the AMS-MAA-SIAM Frank and Brennie Morgan Prize for Outstanding Research in Mathematics by an Undergraduate, including revisions that take into account upcoming changes in the management of the Joint Mathematics Meetings;
- Changing the amount and frequency of the Centennial Fellowship, so that two awards of approximately \$50,000 each would be made every other year, with the recipients given flexibility in how the fellowship amount is used;
- Creation of a new policy committee concerned with Equity, Diversity and Inclusion that would subsume CoWiM and have a much broader charge;
- Creation of a Mikhail Gordin Prize, which would be a joint prize with the European Mathematical Society, awarded to a junior mathematician from an Eastern European country working in probability or dynamical systems.

In other business, CoProf discussed a review, jointly conducted with the Committee on Education (CoE), of the AMS Department Chairs Workshop. CoProf recommended that this event be taken over by CoE. CoProf also established a subcommittee to review membership-related items in the AMS Bylaws and a subcommittee (joint with CoE) to understand the needs of permanent teaching faculty and explore what the AMS might do to meet those needs. As the topic for its next annual review, CoProf chose to update its statements about the culture of research and scholarship in mathematics. Other topics of discussion included a letter submitted by Spectra regarding ICM 2022.

CoProf will hold its next meeting on October 17-18, 2020, at The Westin Detroit Metropolitan Airport.

*T. Christine Stevens
Associate Executive Director
Meetings and Professional Services
October 2019*

AMERICAN MATHEMATICAL SOCIETY

**Committee on Publications
2019 Annual Meeting
SUMMARY REPORT**

A meeting of the AMS Committee on Publications (CPub) was held on Friday and Saturday, September 20-21 2019 at AMS Headquarters in Providence, Rhode Island. Claudia Polini, chair, presided.

Actions taken by CPub include the following:

• **Minutes of Business by Mail**

The November 27, 2018 minutes of business by mail were approved. The business conducted was to approve the minutes of the September 14-15, 2018 CPub meeting.

• **Collected Works Editorial Committee Charge**

The Editorial Committee of the Collected Works series of the AMS asked CPub to consider a revision to the Principal Activities section of its charge to better define current practices.

The Committee's proposal was approved with slight modifications and will be included in the January 2020 Council agenda with CPub's recommendation for approval.

• **2019 Annual Review – Review of Primary Journals**

Claudia Polini, chair of the CPub subcommittee that conducted the 2019 review of the AMS Primary Journals (*Journal of the AMS*, *Mathematics of Computation*, *Proceedings of the AMS*, and *Transactions of the AMS*), presented the report prepared by the subcommittee.

CPub discussed the following items:

- Journal backlogs and AMS's method for calculation of backlog data,
- The variability in acceptance rates by editor and the suggestion that managing editors periodically share this data with individual editors for the purpose of corrective action, and
- Appropriateness of coverage, specifically regarding the lack of papers in applied mathematics published in *Journal of the AMS* (JAMS).

Based on the subcommittee's report, CPub moved to approve the following recommendations:

- *AMS should develop a means to collect gender, race and geographic data for authors by the time of the next review of the primary journals in 2022.*
- *The managing editors of Transactions of the AMS and Proceedings of the AMS should communicate acceptance/rejection rates to editors.*
- *The JAMS journal description, "this journal is devoted to research articles of the highest quality in all areas of pure and applied mathematics," should better reflect the journal's current scope.*
- *Subcommittee reports regarding the review of AMS journals should be shared with managing editors prior to being presented to CPub.*

- **Report of CPub Subcommittee Investigating Additional Research Publications (CPub-ARP)**

The CPub Subcommittee to Investigate Additional Research Publications (CPub-ARP) presented an updated report, and CPub discussed options outlined in the Subcommittee's report including the question, *what is the need in mathematics for a new journal, and if so, what should the new journal look like?*

It was agreed that the AMS would aid the mathematics community by creating a new, high-quality, broad-based journal that encompasses both pure and applied mathematics.

CPub voted to endorse the following:

- *The establishment of a new primary journal with two editors-in-chief (one pure and one applied mathematician), who must be able to work together;*
- *there will be no article length limitations;*
- *preferably, this will be a Diamond Open Access journal;*
- *the new editors-in-chief will work out a carefully designed editorial process to ensure publication of a broad swath of high-quality mathematics; and*
- *the establishment of a quick-acting subcommittee (consisting of two pure mathematicians, two applied mathematicians, and two non-voting ex officio members to serve as advisors) to find the appropriate two editors-in-chief.*

CPub's proposal for the establishment of a new journal will go forward to the Executive Committee and Board of Trustees for consideration at its November 2019 meeting.

- **Subcommittee Investigating Double-Blind Refereeing**

At its 2018 meeting, upon the recommendation of President Elect Jill Pipher, CPub moved to form a subcommittee charged with considering whether double-blind refereeing should be instituted for some or all AMS journals. The subcommittee was asked to focus solely on the matter of policy (i.e., whether double-blind refereeing is a policy that reflects AMS's standards and goals), exclusive of implementation.

CPub was informed that more work needs to be done by the subcommittee, and it was suggested that the subcommittee should have better findings with a well-planned strategy, AMS staff support, and the collection of data. It was reiterated that issues around bias are real and need to be addressed.

The subcommittee will continue its investigation of double-blind refereeing with David Morrison as chair.

- **Web Advisory Group (WAG)**

Following CPub's recommendation, the Web Editorial Group was disbanded by Council decision in January 2018, and Nathan Dunfield was appointed to the AMS Web Advisory Group (WAG) to act as a liaison and advise CPub on matters concerning AMS website content. Professor Dunfield reported that because WAG is an AMS staff committee that does not make mathematical decisions, he does not consider it necessary or appropriate to continue to serve on the WAG.

CPub voted unanimously to remove CPub's liaison position from the Web Advisory Group.

- **Upcoming Subcommittees - Chair and Member Selection**
 - The Subcommittee Investigating Double-Blind Refereeing will be chaired by David Morrison.
 - CPub Chair Claudia Polini (in consultation with CPub members Douglas Arnold and Amie Wilkinson) will appoint the members of the subcommittee to find two editors-in-chief (one pure and one applied mathematician) for the proposed new journal.

The following informational reports were provided by staff:

- 2016-2020 Strategic Plan Update
- Report from the AMS Publisher
- eBook Program Update
- Report on Journal Backlogs
- Report on *Mathematical Reviews*/MathSciNet®
- Primer on Open Access

Other Business:

2020 Annual Review

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

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

In keeping with its review cycle, an evaluation of the Member and "All Other" journals will be conducted, and the member journal managing editors will be invited guests of CPub's 2020 meeting.

Next Meeting

The next CPub meeting will be held ***October 16-17, 2020*** at the Westin Detroit Metropolitan Airport, located at 2501 Worldgateway Place, Detroit, MI 48242.

Sergei Gelfand
Publisher
October 31, 2019

American Mathematical Society 2019 Committee on Education Meeting

The AMS Committee on Education (COE) met October 24 and 26, 2019 in Washington, DC.

Katherine Stevenson (California State University, Northridge) is Chair of the Committee in 2019.

This year's meeting began with a dinner on Thursday evening, which provided an overview of COE's purpose and objectives, along with reports by AMS Executive Director Catherine Roberts and AMS Associate Executive Director Karen Saxe. The business meeting continued on Saturday.

Committee Actions:

1. A subcommittee was formed to select the 2021 Impact Award recipient. Additionally, the committee agreed to work with the AMS Secretary to draw up a proposal to make the Impact Award a Council award to be awarded at the Joint Mathematics Meetings (JMM), beginning in 2022. When ready, this proposal will be brought to the Committee for input and to be voted upon.
2. A subcommittee was formed in 2018 to conduct a comprehensive review of the AMS portfolio of programs aimed at K-16 education. As a first step, the subcommittee prepared a curated list of programs, which was discussed at length. A new subcommittee was then formed to decide which of these should receive review soon (some on the list are already regularly reviewed by other committees, but many have never had formal review). The new subcommittee will work in tandem with the Secretary, who keeps a comprehensive list of programs/activities reviewed by the five policy committees.
3. A joint subcommittee with the Committee on the Profession (CoProf) was formed in 2018 to conduct a review of the Chairs Workshop. COE approved a resolution to the January 2020 Council that "COE endorses the continuation of the department chairs workshop at JMM and that an advisory board be established with representation from COE and CoProf."
4. It was decided that the AMS Director of Education will be the AMS representative to TPSE (<https://www.tpsemath.org/>)
5. A subcommittee was formed to conduct a comprehensive review of the AMS portfolio of programs aimed at graduate students, graduate education more broadly, and recent PhDs.
6. A subcommittee was created to write a description of a new lecture on education to be held each JMM, beginning in 2022.
7. A subcommittee was formed to review and make recommendations to Publications staff on education-related publications.

8. A subcommittee (upon a recommendation from, and to be joint with CoProf) was formed to focus on faculty members (particularly in research departments) whose job descriptions are mostly about teaching, with perhaps some administration included but little or no traditional mathematical research required. Such faculty members often have titles like “Senior Lecturer” or “Professor of the Practice” or “Teaching Professor.” Although often they are not tenure-eligible, sometimes they are. CoProf will appoint the Chair of this subcommittee.
9. A “Federal Education Policy Liaison Subcommittee” was formed to work with the Office of Government Relations as needed, providing feedback on policies and reports coming out of federal offices.
10. A subcommittee was formed to plan for the October 2020 Mini-Conference and the COE panel at the JMM in Washington, DC in 2021, with a linked theme.

The second annual Mini-Conference on Education, titled *Mathematics Departments and the Explosive Growth of Computational and Quantitative Offerings in Higher Education*, took place on Friday and was organized by COE members Katherine Stevenson (subcommittee chair), Erika Camacho, and Uri Treisman. Total attendance was 100, with 63 department chairs/leaders from across the country, 7 speakers, 11 AMS COE members, and 19 invited guests from umbrella mathematics organizations and federal offices. Presenters’ slides and further details are available at the mini-conference website: www.ams.org/meetings/coeminiconference.

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

Karen Saxe
Associate Executive Director
for Government Relations
November 8, 2019

United States of America

United States Patent and Trademark Office

AMERICAN MATHEMATICAL SOCIETY

Reg. No. 5,737,068

Registered Apr. 30, 2019

Int. Cl.: 9, 16, 35, 41

Service Mark

Trademark

Principal Register

American Mathematical Society (Incorporated) (DISTRICT OF COLUMBIA CORPORATION)

201 Charles St.

Providence, RHODE ISLAND 029042213

CLASS 9: Downloadable e-books and periodicals in electronic format, in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering

FIRST USE 4-30-2011; IN COMMERCE 4-30-2011

CLASS 16: Printed books and periodicals in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; printed posters providing information relating to mathematics, statistics, and the applications of mathematics and statistics in science and engineering

FIRST USE 10-31-1894; IN COMMERCE 10-31-1894

CLASS 35: Providing career information services to students and professionals in the fields of mathematics, statistics, and the applications of mathematics, statistics, and the applications of mathematics and statistics in science and engineering, and administering grant programs for students in mathematics; association services, namely, promoting the interests of scholars in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering, by providing meetings and conferences to such scholars and promoting the exchange of information, the development of personal relationships, and the advancement of learning and public awareness in mathematics, statistics, and the applications of mathematics and statistics in science and engineering; administering research fellowship programs for mathematicians; administering fellowship programs that give students experience in Congress and in U.S. media organizations

FIRST USE 1-00-1985; IN COMMERCE 1-00-1985

CLASS 41: Arranging and conducting educational meetings, educational conferences, and lectures, and fostering collaborative research and the sharing of commentary on published materials, to students and professionals in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; providing an online database containing bibliographic data, reviews, citations, author profiles, journal profiles, and other scholarly information regarding publications in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; providing non-downloadable textbooks and other instructional materials in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; providing a website featuring scholarly and academic information in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; online publication of blogs by others concerning mathematics, statistics, and the



Andrei Iancu

Director of the United States
Patent and Trademark Office

Attachment 14

Item 21.4

Page 2 of 17

November 2019 AMS ECBT

applications of mathematics and statistics in science and engineering

FIRST USE 10-31-1894; IN COMMERCE 10-31-1894

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT STYLE, SIZE OR COLOR

SEC.2(F)

SER. NO. 87-698,125, FILED 11-27-2017

REQUIREMENTS TO MAINTAIN YOUR FEDERAL TRADEMARK REGISTRATION**WARNING: YOUR REGISTRATION WILL BE CANCELLED IF YOU DO NOT FILE THE DOCUMENTS BELOW DURING THE SPECIFIED TIME PERIODS.****Requirements in the First Ten Years*****What and When to File:**

- **First Filing Deadline:** You must file a Declaration of Use (or Excusable Nonuse) between the 5th and 6th years after the registration date. See 15 U.S.C. §§1058, 1141k. If the declaration is accepted, the registration will continue in force for the remainder of the ten-year period, calculated from the registration date, unless cancelled by an order of the Commissioner for Trademarks or a federal court.
- **Second Filing Deadline:** You must file a Declaration of Use (or Excusable Nonuse) and an Application for Renewal between the 9th and 10th years after the registration date.* See 15 U.S.C. §1059.

Requirements in Successive Ten-Year Periods***What and When to File:**

- You must file a Declaration of Use (or Excusable Nonuse) and an Application for Renewal between every 9th and 10th-year period, calculated from the registration date.*

Grace Period Filings*

The above documents will be accepted as timely if filed within six months after the deadlines listed above with the payment of an additional fee.

***ATTENTION MADRID PROTOCOL REGISTRANTS:** The holder of an international registration with an extension of protection to the United States under the Madrid Protocol must timely file the Declarations of Use (or Excusable Nonuse) referenced above directly with the United States Patent and Trademark Office (USPTO). The time periods for filing are based on the U.S. registration date (not the international registration date). The deadlines and grace periods for the Declarations of Use (or Excusable Nonuse) are identical to those for nationally issued registrations. See 15 U.S.C. §§1058, 1141k. However, owners of international registrations do not file renewal applications at the USPTO. Instead, the holder must file a renewal of the underlying international registration at the International Bureau of the World Intellectual Property Organization, under Article 7 of the Madrid Protocol, before the expiration of each ten-year term of protection, calculated from the date of the international registration. See 15 U.S.C. §1141j. For more information and renewal forms for the international registration, see <http://www.wipo.int/madrid/en/>.

NOTE: Fees and requirements for maintaining registrations are subject to change. Please check the USPTO website for further information. With the exception of renewal applications for registered extensions of protection, you can file the registration maintenance documents referenced above online at <http://www.uspto.gov>.

NOTE: A courtesy e-mail reminder of USPTO maintenance filing deadlines will be sent to trademark owners/holders who authorize e-mail communication and maintain a current e-mail address with the USPTO. To ensure that e-mail is authorized and your address is current, please use the Trademark Electronic Application System (TEAS) Correspondence Address and Change of Owner Address Forms available at <http://www.uspto.gov>.

United States of America

United States Patent and Trademark Office

AMS

Reg. No. 5,730,868

Registered Apr. 23, 2019

Int. Cl.: 9, 16, 35, 41

Service Mark

Trademark

Principal Register

American Mathematical Society (Incorporated) (DISTRICT OF COLUMBIA CORPORATION)

201 Charles St.
Providence, RHODE ISLAND 029042213

CLASS 9: Downloadable e-books and periodicals in electronic format, in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering

FIRST USE 4-30-2011; IN COMMERCE 4-30-2011

CLASS 16: Printed books and periodicals in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; printed posters providing information relating to mathematics, statistics, and the applications of mathematics and statistics in science and engineering

FIRST USE 12-00-1938; IN COMMERCE 12-00-1938

CLASS 35: Providing career information services to students and professionals in the fields of mathematics, statistics, and the applications of mathematics, statistics, and the applications of mathematics and statistics in science and engineering, and administering grant programs for students in mathematics; association services, namely, promoting the interests of scholars in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering, by providing meetings and conferences to such scholars and promoting the exchange of information, the development of personal relationships, and the advancement of learning and public awareness in mathematics, statistics, and the applications of mathematics and statistics in science and engineering; administering research fellowship programs for mathematicians; administering fellowship programs that give students experience in Congress and in U.S. media organizations

FIRST USE 1-00-1985; IN COMMERCE 1-00-1985

CLASS 41: Arranging and conducting educational meetings, educational conferences, lectures, and fostering collaborative research and the sharing of commentary on published materials; providing an online database containing bibliographic data, reviews, citations, author profiles, journal profiles, and other scholarly information regarding publications in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; providing non-downloadable textbooks and other instructional materials in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; providing a website featuring scholarly and academic information in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; online publication of blogs by others concerning mathematics, statistics, and the applications of mathematics and statistics in science and engineering



Andrei Iancu

Director of the United States
Patent and Trademark Office

FIRST USE 12-00-1938; IN COMMERCE 12-00-1938 November 2019 AMS ECBT

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT STYLE, SIZE OR COLOR

SER. NO. 87-698,183, FILED 11-27-2017

REQUIREMENTS TO MAINTAIN YOUR FEDERAL TRADEMARK REGISTRATION

WARNING: YOUR REGISTRATION WILL BE CANCELLED IF YOU DO NOT FILE THE DOCUMENTS BELOW DURING THE SPECIFIED TIME PERIODS.

Requirements in the First Ten Years*

What and When to File:

- **First Filing Deadline:** You must file a Declaration of Use (or Excusable Nonuse) between the 5th and 6th years after the registration date. See 15 U.S.C. §§1058, 1141k. If the declaration is accepted, the registration will continue in force for the remainder of the ten-year period, calculated from the registration date, unless cancelled by an order of the Commissioner for Trademarks or a federal court.
- **Second Filing Deadline:** You must file a Declaration of Use (or Excusable Nonuse) and an Application for Renewal between the 9th and 10th years after the registration date.* See 15 U.S.C. §1059.

Requirements in Successive Ten-Year Periods*

What and When to File:

- You must file a Declaration of Use (or Excusable Nonuse) and an Application for Renewal between every 9th and 10th-year period, calculated from the registration date.*

Grace Period Filings*

The above documents will be accepted as timely if filed within six months after the deadlines listed above with the payment of an additional fee.

***ATTENTION MADRID PROTOCOL REGISTRANTS:** The holder of an international registration with an extension of protection to the United States under the Madrid Protocol must timely file the Declarations of Use (or Excusable Nonuse) referenced above directly with the United States Patent and Trademark Office (USPTO). The time periods for filing are based on the U.S. registration date (not the international registration date). The deadlines and grace periods for the Declarations of Use (or Excusable Nonuse) are identical to those for nationally issued registrations. See 15 U.S.C. §§1058, 1141k. However, owners of international registrations do not file renewal applications at the USPTO. Instead, the holder must file a renewal of the underlying international registration at the International Bureau of the World Intellectual Property Organization, under Article 7 of the Madrid Protocol, before the expiration of each ten-year term of protection, calculated from the date of the international registration. See 15 U.S.C. §1141j. For more information and renewal forms for the international registration, see <http://www.wipo.int/madrid/en/>.

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NOTE: A courtesy e-mail reminder of USPTO maintenance filing deadlines will be sent to trademark owners/holders who authorize e-mail communication and maintain a current e-mail address with the USPTO. To ensure that e-mail is authorized and your address is current, please use the Trademark Electronic Application System (TEAS) Correspondence Address and Change of Owner Address Forms available at <http://www.uspto.gov>.

United States of America

United States Patent and Trademark Office

ADVANCING RESEARCH.
CREATING CONNECTIONS.

Reg. No. 5,572,012

Registered Sep. 25, 2018

Int. Cl.: 9, 16, 35, 41

Service Mark

Trademark

Principal Register

American Mathematical Society (Incorporated) (DISTRICT OF COLUMBIA CORPORATION)

201 Charles St.

Providence, RHODE ISLAND 029042213

CLASS 9: Downloadable e-books and periodicals in electronic format, in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering

FIRST USE 1-10-2018; IN COMMERCE 1-10-2018

CLASS 16: Printed books and periodicals in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; printed posters providing information relating to mathematics, statistics, and the applications of mathematics and statistics in science and engineering

FIRST USE 1-10-2018; IN COMMERCE 1-10-2018

CLASS 35: Providing career information services to students and professionals in the fields of mathematics, statistics, and the applications of mathematics, statistics, and the applications of mathematics and statistics in science and engineering, and administering grant programs for students in mathematics; Maintaining a society for scholars in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering, to promote the exchange of information, the development of personal relationships, and the advancement of learning and public awareness in mathematics, statistics, and the applications of mathematics and statistics in science and engineering

FIRST USE 1-10-2018; IN COMMERCE 1-10-2018

CLASS 41: Providing meetings, conferences, lectures, and collaborative networks to students and professionals in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; administering research fellowship programs for mathematicians; administering fellowship programs that give students experience in Congress and in U.S. media organizations; providing an online database containing bibliographic data, reviews, and other information regarding publications in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; providing non-downloadable textbooks and other instructional materials in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; providing a website featuring information of interest to persons in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; online publication of information regarding mathematics, statistics, and the applications of mathematics and statistics in science and engineering, in blogs, in online forums, and on social networking and file sharing websites



Andrei Iancu

Director of the United States
Patent and Trademark Office

Attachment 14

Item 21.4

Page 8 of 17

November 2019 AMS ECBT

FIRST USE 1-10-2018; IN COMMERCE 1-10-2018

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT STYLE, SIZE OR COLOR

SER. NO. 87-652,037, FILED 10-19-2017

REQUIREMENTS TO MAINTAIN YOUR FEDERAL TRADEMARK REGISTRATION**WARNING: YOUR REGISTRATION WILL BE CANCELLED IF YOU DO NOT FILE THE DOCUMENTS BELOW DURING THE SPECIFIED TIME PERIODS.****Requirements in the First Ten Years*****What and When to File:**

- **First Filing Deadline:** You must file a Declaration of Use (or Excusable Nonuse) between the 5th and 6th years after the registration date. See 15 U.S.C. §§1058, 1141k. If the declaration is accepted, the registration will continue in force for the remainder of the ten-year period, calculated from the registration date, unless cancelled by an order of the Commissioner for Trademarks or a federal court.
- **Second Filing Deadline:** You must file a Declaration of Use (or Excusable Nonuse) and an Application for Renewal between the 9th and 10th years after the registration date.* See 15 U.S.C. §1059.

Requirements in Successive Ten-Year Periods***What and When to File:**

- You must file a Declaration of Use (or Excusable Nonuse) and an Application for Renewal between every 9th and 10th-year period, calculated from the registration date.*

Grace Period Filings*

The above documents will be accepted as timely if filed within six months after the deadlines listed above with the payment of an additional fee.

***ATTENTION MADRID PROTOCOL REGISTRANTS:** The holder of an international registration with an extension of protection to the United States under the Madrid Protocol must timely file the Declarations of Use (or Excusable Nonuse) referenced above directly with the United States Patent and Trademark Office (USPTO). The time periods for filing are based on the U.S. registration date (not the international registration date). The deadlines and grace periods for the Declarations of Use (or Excusable Nonuse) are identical to those for nationally issued registrations. See 15 U.S.C. §§1058, 1141k. However, owners of international registrations do not file renewal applications at the USPTO. Instead, the holder must file a renewal of the underlying international registration at the International Bureau of the World Intellectual Property Organization, under Article 7 of the Madrid Protocol, before the expiration of each ten-year term of protection, calculated from the date of the international registration. See 15 U.S.C. §1141j. For more information and renewal forms for the international registration, see <http://www.wipo.int/madrid/en/>.

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United States of America

United States Patent and Trademark Office



Reg. No. 5,547,439

Registered Aug. 21, 2018

Int. Cl.: 9, 16, 35, 41

Service Mark

Trademark

Principal Register

American Mathematical Society (Incorporated) (DISTRICT OF COLUMBIA CORPORATION)
201 Charles St.
Providence, RHODE ISLAND 029042213

CLASS 9: Downloadable e-books and periodicals in electronic format, in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering

FIRST USE 1-10-2018; IN COMMERCE 1-10-2018

CLASS 16: Printed books and periodicals in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; printed posters providing information relating to mathematics, statistics, and the applications of mathematics and statistics in science and engineering

FIRST USE 1-10-2018; IN COMMERCE 1-10-2018

CLASS 35: Providing career information services to students and professionals in the fields of mathematics, statistics, and the applications of mathematics, statistics, and the applications of mathematics and statistics in science and engineering, and administering grant programs for students in mathematics; Maintaining a society for scholars in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering, to promote the exchange of information, the development of personal relationships, and the advancement of learning and public awareness in mathematics, statistics, and the applications of mathematics and statistics in science and engineering

FIRST USE 1-10-2018; IN COMMERCE 1-10-2018

CLASS 41: Providing meetings, conferences, lectures, and collaborative networks to students and professionals in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; administering research fellowship programs for mathematicians; administering fellowship programs that give students experience in Congress and in U.S. media organizations; providing an online database containing bibliographic data, reviews, and other information regarding publications in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; providing non-downloadable textbooks and other instructional materials in the fields of mathematics, statistics, and the applications of mathematics and statistics in science and engineering; providing a website featuring information of interest to persons in the fields of mathematics,



Andrei Iancu

Director of the United States
Patent and Trademark Office

statistics, and the applications of mathematics and statistics in science and engineering; online publication of information regarding mathematics, statistics, and the applications of mathematics and statistics in science and engineering, in blogs, in online forums, and on social networking and file sharing websites

FIRST USE 1-10-2018; IN COMMERCE 1-10-2018

The mark consists of three arcs made of solid circles of increasing size, the arcs arranged so that their trajectories are partly overlapping.

SER. NO. 87-653,554, FILED 10-20-2017

REQUIREMENTS TO MAINTAIN YOUR FEDERAL TRADEMARK REGISTRATION

WARNING: YOUR REGISTRATION WILL BE CANCELLED IF YOU DO NOT FILE THE DOCUMENTS BELOW DURING THE SPECIFIED TIME PERIODS.

Requirements in the First Ten Years*

What and When to File:

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- **Second Filing Deadline:** You must file a Declaration of Use (or Excusable Nonuse) and an Application for Renewal between the 9th and 10th years after the registration date.* See 15 U.S.C. §1059.

Requirements in Successive Ten-Year Periods*

What and When to File:

- You must file a Declaration of Use (or Excusable Nonuse) and an Application for Renewal between every 9th and 10th-year period, calculated from the registration date.*

Grace Period Filings*

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United States of America

United States Patent and Trademark Office

MATHEMATICAL REVIEWS

Reg. No. 5,289,974

Registered Sep. 19, 2017

Int. Cl.: 42

Service Mark

Principal Register

American Mathematical Society (DISTRICT OF COLUMBIA CORPORATION)
201 Charles Street
Providence, RI 02904

CLASS 42: providing an online database containing bibliographic data, reviews, and other information regarding publications in mathematics, statistics, and related fields

FIRST USE 12-9-1994; IN COMMERCE 12-9-1994

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT STYLE, SIZE OR COLOR

OWNER OF U.S. REG. NO. 3882341

SEC.2(F)

SER. NO. 87-315,202, FILED 01-26-2017

KALIE ELIZABETH KUNG, EXAMINING ATTORNEY



Joseph Matal

Performing the Functions and Duties of the
Under Secretary of Commerce for
Intellectual Property and Director of the
United States Patent and Trademark Office

REQUIREMENTS TO MAINTAIN YOUR FEDERAL TRADEMARK REGISTRATION

WARNING: YOUR REGISTRATION WILL BE CANCELLED IF YOU DO NOT FILE THE DOCUMENTS BELOW DURING THE SPECIFIED TIME PERIODS.

Requirements in the First Ten Years*

What and When to File:

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- **Second Filing Deadline:** You must file a Declaration of Use (or Excusable Nonuse) and an Application for Renewal between the 9th and 10th years after the registration date.* See 15 U.S.C. §1059.

Requirements in Successive Ten-Year Periods*

What and When to File:

- You must file a Declaration of Use (or Excusable Nonuse) and an Application for Renewal between every 9th and 10th-year period, calculated from the registration date.*

Grace Period Filings*

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Int. Cl.: 42

Prior U.S. Cls.: 100 and 101

Reg. No. 1,581,967

United States Patent and Trademark Office

Registered Feb. 6, 1990

10 Year Renewal

Renewal Term Begins Feb. 6, 2000

**SERVICE MARK
PRINCIPAL REGISTER**

MATHSCI

AMERICAN MATHEMATICAL SOCIETY (D.C. CORPORATION)
P.O. BOX 6248
PROVIDENCE, RI 02940

FOR: PROVIDING INFORMATION ON PUBLICATIONS IN MATHEMATICS, STATISTICS AND RELATED FIELDS

BY MEANS OF A DATABASE ACCESSIBLE TO USERS THROUGH TELECOMMUNICATIONS, IN CLASS 42 (U.S. CLS. 100 AND 101).

FIRST USE 1-0-1985; IN COMMERCE 1-0-1985.

SER. NO. 73-730,275, FILED 5-23-1988.

In testimony whereof I have hereunto set my hand and caused the seal of The Patent and Trademark Office to be affixed on May 2, 2000.

COMMISSIONER OF PATENTS AND TRADEMARKS

Int. Cl.: 42

Prior U.S. Cls.: 100 and 101

United States Patent and Trademark Office **Reg. No. 1,581,967**
Registered Feb. 6, 1990

**SERVICE MARK
PRINCIPAL REGISTER**

MATHSCI

AMERICAN MATHEMATICAL SOCIETY (D.C.
CORPORATION)
P.O. BOX 6248
PROVIDENCE, RI 02940

FOR: PROVIDING INFORMATION ON PUB-
LICATIONS IN MATHEMATICS, STATISTICS
AND RELATED FIELDS BY MEANS OF A DA-
TABASE ACCESSIBLE TO USERS THROUGH

TELECOMMUNICATIONS, IN CLASS 42 (U.S.
CLS. 100 AND 101).

FIRST USE 1-0-1985; IN COMMERCE
1-0-1985.

SER. NO. 73-730,275, FILED 5-23-1988.

MARTIN MARKS, EXAMINING ATTORNEY

United States of America

United States Patent and Trademark Office

MathSciNet

Reg. No. 3,814,468

Registered July 6, 2010

Int. Cl.: 42

SERVICE MARK

PRINCIPAL REGISTER

AMERICAN MATHEMATICAL SOCIETY (D.C. NON-PROFIT CORPORATION)
201 CHARLES STREET
PROVIDENCE, RI 02904

FOR: PROVIDING INFORMATION ON PUBLICATIONS IN MATHEMATICS, STATISTICS
AND RELATED FIELDS BY MEANS OF A DATABASE ACCESSIBLE TO USERS THROUGH
TELECOMMUNICATIONS, IN CLASS 42 (U.S. CLS. 100 AND 101).

FIRST USE 12-9-1994; IN COMMERCE 12-9-1994.

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PAR-
TICULAR FONT, STYLE, SIZE, OR COLOR.

OWNER OF U.S. REG. NO. 1,581,967.

SER. NO. 77-895,420, FILED 12-17-2009.

JAMES A. RAUEN, EXAMINING ATTORNEY

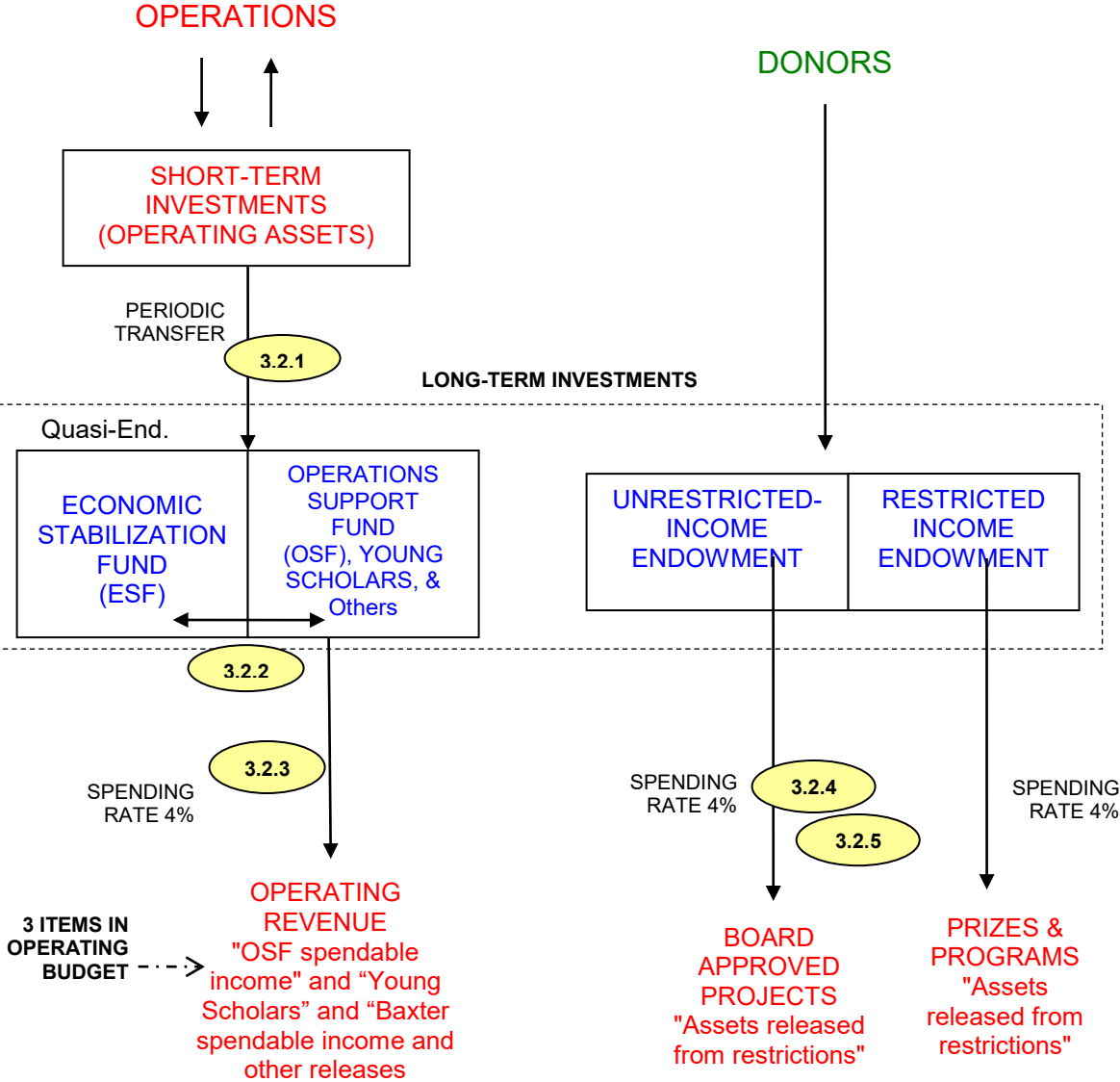


David J. Kyffers

Director of the United States Patent and Trademark Office

AMS Long-term Investments Cliffs Notes

(For details, see section D of Fiscal Reports)



ESF = 50% annual operating expenses + unfunded medical liability (APBO) + Flood self-Insurance (\$1,913,365 in 2018)

OSF = quasi-endowment (spending on average of 4 year-end balances)
 Rebalanced annually, December 31

Note: Spendable income from true endowment funds held in Temp Restricted net assets and 'released' to operations as related expenses are incurred.

Note: Some quasi-endowment funds are temporary and set aside for certain projects, such as strategic planning funds.

Values as of:	12/31/18	12/31/17
ESF	\$ 25.4 M	\$25.1 M
OSF	103.6 M	111.9 M
Unrestricted	7.0 M	7.7 M
Restricted	10.5 M	9.7 M

Appropriated Spendable Income

Each year, the Board determines the allocation of spendable income from the unrestricted endowment. For 2020, the available funding is \$267,000

The allocation of spendable income is at the discretion of the Board. Since spendable income has typically been used to fund a variety of AMS activities, brief descriptions of some existing programs are provided below. If the Board chooses to support the plan, it would allocate \$267,000 of available spendable income from the unrestricted endowment.

AMS Congressional Fellow (\$89,000)

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, but they provide mathematical expertise, in addition to gaining government expertise themselves. 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. If the Board of Trustees ever wanted to add a second AMS Congressional Fellow, it would be funded in the same way.

Support of arXiv (\$3,000)

The arXiv is supported by members who pay annual fees based on usage and by other supporters. Only educational institutions can become members. The ECBT voted to support the arXiv at the level of \$3,000 per year for five years (2016-2020) to become the first professional society publisher supporter.

Centennial Fellow (\$20,000)

The revenue from donations to the support of the Centennial Fellowship is not adequate to fully support our Fellow. This appropriation will supplement funds from (i) current donations and (ii) spendable income from the small endowment fund in order to support the Centennial Fellow. The combination of contributions and spendable income from the Centennial endowment provide about \$30,000 a year. The fellowship's current funding level is \$100,000, although it is possible this will be reduced to \$50,000 per year. At this lower level, the AMS funds needed from the appropriate spendable income will be \$20,000. If the level of the fellowship remains at \$100,000, there is

unspent spendable income from prior years that could be used to fund the rest of the fellowship.

Programs of the Department of Education and Diversity (\$10,000)

During 2020, these funds will enable the department to offer direct support to programs such as EDGE (Enhancing Diversity in Graduate Education), SACNAS, the Field of Dreams Conference and other mathematical sciences programs that promote diversity in graduate education. The amount of \$10,000 is a smaller allocation than prior years, but at the end of 2018, unspent funds allocated for this purpose from the unrestricted endowment amounted to \$42,000. There are ample funds from prior year to meet the needs of this program.

AMS-AAAS Mass Media Fellow (\$10,000)

For more than 15 years, the AMS has supported a graduate student participant in this widely recognized program run by the American Association for the Advancement of Science. The student is placed in a media outlet during the summer and gains experience while providing scientific expertise. The former media fellows frequently contribute to the work of the Public Awareness Office.

AMS Graduate Student Chapters (\$57,000)

There are now approximately 60 active AMS Graduate Student Chapters. Each one receives up to \$500 per year for support of chapter activities, and large chapters with extensive activities can request an additional \$500. Some funds are received as donations, but the donations need to be supplemented from operating funds. The total budgeted expense for support of graduate student chapters is \$52,500 for payments to chapters and about \$4,500 for special activities for chapters in 2020.

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. In the past, MathJax development has been supported jointly by the AMS and SIAM. In 2013, the AMS became the managing member of the MathJax joint venture, but in 2019 NumFocus took over the management. AMS will continue to support MathJax by making a general cash contribution to NumFocus for the MathJax project. Since its release in 2010, MathJax has gained a broad group of users and financial supporters, who continue to support MathJax under its new management structure.

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.

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 of the participating students.

Birman Fellowship (\$13,000)

The Joan and Joseph Birman Fellowship for Women Scholars is a mid-career research fellowship specially designed to fit the unique needs of women. The fellowship amount is \$50,000 annually. It receives partial funding from an endowed fund. The Birman fund will have accumulated approximately \$37,000 in spendable income as of 2020. The additional \$13,000 in spendable income from the unrestricted income endowment will provide enough funding for the fellowship in 2020.

Travel Grant Support for MCA 2021 (\$10,000)

As approved by the November 2017 ECBT, the AMS agreed to set aside \$10,000 each year for four years (2018-2021) from Appropriated Spendable Income to be used to support travel expenses of early career mathematical scientists from Latin America to participate in MCA 2021. These contributed amounts will remain in the unspent spendable income balance until 2021.

Childcare Grants (\$15,000)

The AMS provides childcare grants to JMM participants who need assistance with funding for childcare at the meeting. Total grants distributed in 2019 amounted to \$16,500. A small amount of donations offset part of the costs, but these are not enough to fund the entire amount of the grants.

The recommendations above total \$267,000.

*Catherine Roberts, Executive Director
Emily Riley, Chief Financial Officer
November 2019*

**BOARD OF TRUSTEES
STANDING COMMITTEES**

AGENDA AND BUDGET COMMITTEE (charge)

(as of February 1, 2020)

Jill Pipher, Chair (ex officio - President)

Ralph Cohen (ex officio - Chair of BT)

Jane Hawkins (ex officio - Treasurer)

Zbigniew Nitecki (ex officio - Associate Treasurer)

Carla Savage (ex officio - Secretary)

AUDIT AND RISK COMMITTEE (charge)

(as of February 1, 2020)

Jane Hawkins, Chair (ex officio - Treasurer)

Ralph Cohen (ex officio - Chair of BT)

Zbigniew Nitecki (ex officio – Associate Treasurer)

Judy Walker (ex officio – third-year Trustee/incoming Chair of BT)

INVESTMENT COMMITTEE (charge)

(as of February 1, 2020)

Jane Hawkins, Chair (ex officio - Treasurer)

Ralph Cohen (February 1, 2019 - January 31, 2022)

Zbigniew Nitecki (ex officio - Associate Treasurer)

Rob Taylor (February 1, 2019 - January 31, 2022)

LIAISON COMMITTEE (charge)

(NOT A BT COMMITTEE, BUT LISTED HERE FOR CONVENIENCE)

(as of February 1, 2020)

Jill Pipher, Chair (ex officio - President)

Ralph Cohen (ex officio - Chair of BT)

Jane Hawkins (ex officio - Treasurer)

Carla Savage (ex officio - Secretary)

RETIREMENT PLAN INVESTMENT COMMITTEE (charge)

(as of February 1, 2020)

Jill Connolly, Chair (ex officio – Director of Human Resources)

Chelsie McMann (ex officio - Human Resources Benefit Specialist)

Zbigniew Nitecki (ex officio – Associate Treasurer)

Emily Riley (ex officio – Chief Financial Officer)

SALARY COMMITTEE (charge)

(as of February 1, 2020)

Jane Hawkins, Chair (ex officio - Treasurer)

Ralph Cohen (ex officio - Chair of BT)

Zbigniew Nitecki (ex officio - Associate Treasurer)

**EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES
STANDING COMMITTEES**

DEVELOPMENT COMMITTEE (charge)

(as of February 1, 2020)

Bryna Kra, Chair (ex officio – fifth-year Trustee)
Ralph Cohen (ex officio - Chair of BT)
Jane Hawkins (ex officio - Treasurer)
Jill Pipher (ex officio - President)
Catherine Roberts (ex officio - Executive Director)
Carla Savage (ex officio - Secretary)

LONG RANGE PLANNING COMMITTEE (charge)

(as of February 1, 2020)

Jill Pipher, Chair (ex officio - President)
Ralph Cohen (ex officio - Chair of BT)
Henry Cohn (ex officio - third-year member of EC)
Jane Hawkins (ex officio - Treasurer)
Catherine Roberts (ex officio - Executive Director)
Carla Savage (ex officio - Secretary)
Gigliola Staffilani (ex officio - second-year member of EC)
Judy Walker (ex officio – third-year Trustee/incoming Chair of BT)

ECBT NOMINATING COMMITTEE (charge)

(as of February 1, 2020)

Judy Walker, Chair (ex officio - third-year member of BT)
Henry Cohn (ex officio - third-year member of EC)
Sami Assaf (ex officio – Chair of Council Nominating Committee)

NOTE: When the position of Secretary is under consideration, the Treasurer is a member of this Committee. When the position of Treasurer is under consideration, the Secretary is a member of this Committee.

**TRUSTEE APPOINTMENTS TO POLICY COMMITTEES FOR 2020
(February 1, 2020 – January 31, 2021)¹**

COMMITTEE ON EDUCATION

Bryna Kra²

Next Meeting: October 22-24, 2020 (Thursday-Saturday) in Washington, DC
Current Members/Committee Charge: www.ams.org/comm-all.html#COE
Committee Web Page: www.ams.org/about-us/governance/committees/coe-home
Staff Liaison: Abbe Herzig (ahh@ams.org)

COMMITTEE ON MEETINGS AND CONFERENCES

Matthew Ando (second-year Trustee)

Next Meeting: March 28, 2020 (Saturday) in Detroit, MI
Current Members/Committee Charge: www.ams.org/comm-all.html#MTGSCONFS
Committee Web Page: www.ams.org/about-us/governance/committees/comc-home
Staff Liaison: Thomas Barr (thb@ams.org)

COMMITTEE ON THE PROFESSION

Joseph Silverman (first-year Trustee)

Next Meeting: October 17-18, 2020 (Saturday-Sunday) in Detroit, MI
Current Members/Committee Charge: www.ams.org/comm-all.html#COPROF
Committee Web Page: www.ams.org/about-us/governance/committees/cprof-home
Staff Liaison: T. Christine Stevens (tcs@ams.org)

COMMITTEE ON PUBLICATIONS

Ralph Cohen (fourth-year Trustee)

Next Meeting: October 16-17, 2020 (Friday-Saturday) in Detroit, MI
Current Members/Committee Charge: www.ams.org/comm-all.html#CPUB
Committee Web Page: www.ams.org/about-us/governance/committees/cpub-home
Staff Liaison: Robert Harington (rmh@ams.org)

COMMITTEE ON SCIENCE POLICY

Judy Walker²

Next Meeting: April 21-22, 2020 (Tuesday-Wednesday) in Washington, DC
Current Members/Committee Charge: www.ams.org/comm-all.html#CSP
Committee Web Page: www.ams.org/about-us/governance/committees/csp-home
Staff Liaison: Karen Saxe (kxs@ams.org)

¹ Each Trustee serves a five-year term. During each year of the term, they serve as an ex officio member of one of the five policy committees, according to the following rotation: year 1: Profession, year 2: Meetings, year 3: Education, year 4: Publications, year 5: Science Policy.

² Normally Kra would serve on Science Policy and Walker on Education in 2020. However, Kra is unable to attend the 2020 Science Policy meeting, so switched assignments with Walker. This means Walker will skip serving on Education and will serve on Science Policy again in 2022.

TRUSTEE LIAISON ASSIGNMENTS TO DIVISIONS FOR 2020

Division (Director)	Board Liaisons
Executive Director (Catherine Roberts) Communications Development	Ralph Cohen Bryna Kra
Computer Services (Tom Blythe) Information Services Information Technology	Ralph Cohen Zbigniew Nitecki
Editorial (Sergei Gelfand) Acquisitions	Bryna Kra Judy Walker
Finance & Administration (Emily Riley) Facilities & Purchasing Fiscal Human Resources Printing & Distribution	Jane Hawkins Zbigniew Nitecki
Government Relations (Karen Saxe) Education	Jane Hawkins Joseph Silverman
Mathematical Reviews (Ed Dunne) Administration Editorial Information Technology Production Acquisitions Cataloging Copy Editors Reviewer Data Services Slavic Languages	Matthew Ando Joseph Silverman
Meetings & Professional Services (Chris Stevens) Meetings & Conferences Membership Professional Programs Public Awareness	Matthew Ando Judy Walker
Publishing (Robert Harington) Creative Services Electronic Prepress Sales & Customer Service Customer Service Marketing	Joseph Silverman Judy Walker

Report of the American Mathematical Society (AMS) Retirement Plan Investment Committee (the Committee)

The Committee is a standing committee created by action of the Board in May 2011. The Committee consists of four members: Director of Human Resources (Chair), Chief Financial Officer, the Human Resources Benefit Specialist, and the Associate Treasurer. In November 2011 the Committee was charged with the primary responsibility for choosing and monitoring plan funding options in a prudent manner, ensuring that the Society fulfills its Plan Sponsor responsibilities, and with making reports to the Board concerning its activities at least annually.

For the 2019 calendar year the following individuals served on the Committee: Jill Connolly (Chair), Emily Riley (elected Secretary), Chelsie McMann and Zbigniew Nitecki.

In 2019, the Committee met in Providence with activities summarized as follows:

October 26, 2018 – Vin Smith of Fiduciary Investment Advisors (FIA), the third-party investment advisor, assisting AMS with its fiduciary responsibilities, presented the 2018 Third Quarter Investment Review of the economy, the market, as well as the performance and expenses associated with the various investment menu offerings. Additionally, Michael Richal, Senior Client Relationship Manager with TIAA presented a plan update and discussed the following: Average Income Replacement Ratio, Participant Annuitization Overview, Plan Asset & Contribution Trends, Participant Counts, Asset Allocation Summary, Core Communication Campaign Messaging, and On-Site Education Efforts. Also discussed were additional TIAA Services and Products and an overview of their Cybersecurity efforts.

March 29, 2019 – The Committee reviewed the Fiduciary Governance Report presented by Vin Smith of FIA and discussed trends and best practices regarding investment menu design. As of 12/31/18, all investment menu options have been assigned a “Maintain” status via FIA’s Manager Research Group and Investment Committee. Overall, the menu remains competitive. Additionally, The Committee and FIA completed a review of the Plan’s Qualified Default Investment Alternative (QDIA) – the TIAA-CREF Lifecycle Index Funds. The group agreed the TIAA-CREF Lifecycle Index Funds continue to be competitive options for participants, and no change to the Plan’s QDIA is warranted. The Committee also discussed possible administrative services enhancements offered by TIAA, to be decided at a later date.

June 24, 2019 – The Committee discussed TIAA administrative services enhancements which would automate many current manual processes. The Committee decided that the following enhancements will be implemented to follow best practices: calculated eligibility, online enrollment, online salary deferral agreements, automatic enrollment of all new hires, contribution limit monitoring/calculated vesting, and loan repayments via payroll deductions. Vin Smith of FIA presented a 2019 First Quarter Review covering the economy, the market, and the legislative and regulatory environment. Performance of and expenses associated with the

investment menu options as of March 30, 2019 were reviewed. All were assigned “Maintain” status with no changes recommended. Fee analysis and benchmarking and a plan balance summary were reviewed as well with no changes recommended.

November 12, 2019 – Vin Smith of FIA will present the 2019 Second and Third Quarter Investment Review of the economy, the market, as well as the performance and expenses associated with the various investment menu offerings. Any additional business items will be reported in the 2019 Report of the AMS Retirement Plan Investment Committee.

*Report written by Jill Connolly, Director of Human Resources and
Chair of the AMS Retirement Plan Investment Committee
October 24, 2019*