

AMERICAN MATHEMATICAL SOCIETY EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES MEETING NOVEMBER 16-17, 2018 MINUTES TABLE OF CONTENTS – PAGE 1 OF 3

0	CALL TO ORDER AND ANNOUNCEMENTSPAGE
0.1	Opening of the Meeting and Introductions2
0.2	2018 AMS Election Results2
0.3	Housekeeping Matters2
Γ	
1	EXECUTIVE COMMITTEE
	ACTION/DISCUSSION ITEMSPAGE
1.1	Draft Agenda for January 2019 Council Meeting. Att. #13
11	EXECUTIVE COMMITTEE
	INFORMATION ITEMSPAGE
11.1	Secretariat Business by Mail. Att. #6
2	EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES
	ACTION/DISCUSSION ITEMSPAGE
2.1	Reports on the Policy Committees of the Council3
2.1.1	Report on Committee on the Profession (CoProf). Att. #7
2.1.2	Report on Committee on Publications (CPub). Att. #83
2.1.3	Report on Committee on Education (COE). Att. #184
2.1.4	Report on Committee on Science Policy (CSP)4
2.1.5	Report on Committee on Meetings and Conferences (COMC)4
2.2	Site of May 2019 ECBT Meeting5
2.3	Motions of the Secretary5

AMERICAN MATHEMATICAL SOCIETY EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES MEETING NOVEMBER 16-17, 2018

MINUTES

TABLE OF CONTENTS – PAGE 2 OF 3

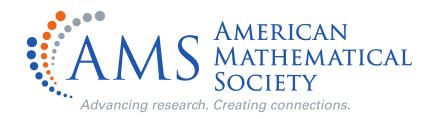
2C	EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES
	CONSENT ITEMSPAGE
2C.1	Minutes of May 2018 ECBT Meeting6
21	EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES
	INFORMATION ITEMSPAGE
21.1	Report on Petitions for AMS Graduate Student Chapters7
21.2	AAAS-AMS Congressional Fellowship
21.3	AAAS-AMS Mass Media Fellowship
21.5	AAAS-AIVIS IVIASS IVIEUIA FEIIOWSIIIP/
3	BOARD OF TRUSTEES
	ACTION/DISCUSSION ITEMSPAGE
3.1	Budget Review8
3.1.1	Discussion of Fiscal Reports8
3.1.2	Capital Expenditures – 2018 and 2019 Capital Purchase Plans8
3.1.3	Capital Expenditures - Approval of Specific Purchases8
3.2	Spendable Income, Operations Support Fund and other Related Items. Att. #138
3.2.1	Addition to Operations Support Fund9
3.2.2	Rebalancing of Economic Stabilization and Operational Support Funds9
3.2.3	Allocation of Operations Support Fund (OSF) Spendable Income9
3.2.4	Appropriation of Spendable Income from Unrestricted Endowment. Att. #1410
3.2.5	Report on Changes in Appropriated Spendable Income and Report on
	Endowment Funds11
3.3	Investment Committee Report11
3.4	Audit and Risk Committee11
3.5	Board-designated Fund for Strategic Plan Implementation. Att. #1511
3.6	Trustees' Officers11
3.7	Trustees' Committees, etc. Att. #26
20	DOADD OF TRUCTES
3C	BOARD OF TRUSTEES
	CONSENT ITEMSPAGE
3C.1	Product for Support of Speakers at 2020 AAAS Applied Mosting
3C.1	Request for Support of Speakers at 2020 AAAS Annual Meeting12 Funding Project NExT Fellows for 202012
3C.2	Courtesy Appointments for AMS Staff Mathematicians
3C.3	Recognition for Length of Service
JU.4	NECUKITION TO LENKUTO JETVICE

AMERICAN MATHEMATICAL SOCIETY EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES MEETING NOVEMBER 16-17, 2018

MINUTES

TABLE OF CONTENTS - PAGE 3 OF 3

31	BOARD OF TRUSTEES	
	INFORMATION ITEMS	PAGE
31.1	Change in Fringe Benefits	15
31.2	Retirement Plan Investment Committee Report. Att. #16	15
ATTA	CHMENTS	ITEM
6	Secretariat Business by Mail	11.1
7	Report on Committee on the Profession (CoProf)	2.1.1
8	Report on Committee on Publications (CPub)	2.1.2
13	Spendable Income, Operations Support Fund, and Other Related Items	3.2
14	Appropriation of Spendable Income from the Unrestricted Endowment	3.2.4
15	Board-designated Fund for Strategic Plan Implementation	3.5
16	Retirement Plan Investment Committee Report	31.2
18	Report on Committee on Education (COE)	2.1.3
26	Trustees' Committees, etc.	3.7



EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES MEETING NOVEMBER 16-17, 2018

MINUTES

A joint meeting of the Executive Committee of the Council (EC) and the Board of Trustees (BT) was held Friday and Saturday, November 16-17, 2018, at the AMS Headquarters in Providence, Rhode Island.

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

All members of the BT were present: Ralph L. Cohen, Jane M. Hawkins, Bryna Kra, Robert K. Lazarsfeld, Zbigniew H. Nitecki, Kenneth A. Ribet, Joseph H. Silverman, and Judy L. Walker. 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).

President Kenneth Ribet presided over the EC and ECBT portions of the meeting (items beginning with 0, 1, or 2). Board Chair Joseph Silverman 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 <u>2018 AMS Election Results</u>.

Secretary Savage announced the following election results:

Vice President

Abigail Thompson, University of California, Davis Term is three years (1 February 2019 - 31 January 2022)

Trustee

Matthew Ando, University of Illinois, Urbana-Champaign Term is five years (1 February 2019 - 31 January 2024)

Members at Large of the Council

Dan Freed, University of Texas, Austin
Susan Loepp, Williams College
Kasso A. Okoudjou, University of Maryland
Maria Cristina Pereyra, University of New Mexico
Melanie Matchett Wood, University of Wisconsin, Madison
Terms are three years (1 February 2019 - 31 January 2022)

Nominating Committee

Sami H. Assaf, University of Southern California **Rebecca Garcia**, Sam Houston State University **Deane Yang**, Courant Institute of Mathematical Sciences, New York University

Terms are three years (1 January 2019 - 31 December 2021)

Editorial Boards Committee

Ian Agol, University of California, BerkeleyTerrence Tao, University of California, Los AngelesTerms are three years (1 February 2019 - 31 January 2022)

0.3 Housekeeping Matters.

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

1 EXECUTIVE COMMITTEE ACTION/DISCUSSION ITEMS

1.1 Draft Agenda for January 2019 Council Meeting.

The EC reviewed the draft agenda for the January 2019 Council meeting. One of the items on the draft required the EC to decide the discussion topic for the April 2019 Council meeting. The EC designated the following topic:

"Rethinking the Joint Mathematics Meetings. Starting in 2022 the AMS will take over management of the Joint Mathematics Meetings and MAA will be reducing its presence to focus on Mathfest. What activities should the AMS continue at the meeting? What new activities might the AMS organize?"

1I EXECUTIVE COMMITTEE INFORMATION ITEMS

11.1 Secretariat Business by Mail. Att. #6.

Minutes of Secretariat business by mail during the months May 2018 – October 2018 are attached (#6).

2 EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES ACTION/DISCUSSION ITEMS

2.1 Reports on the Policy Committees of the Council.

2.1.1 Report on Committee on the Profession (CoProf). Att. #7.

The ECBT received the attached report (#7) on the September 15-16, 2018 CoProf meeting. The Chair in 2018 is Fadil Santosa of the University of Minnesota.

It was noted that CoProf will hold its next meeting on September 21-22, 2019 at AMS Headquarters in Providence. The Chair in 2019 will be Wilfrid Gangbo of the University of California, Los Angeles.

2.1.2 Report on Committee on Publications (CPub). Att. #8.

The ECBT received the attached report (#8) on the September 14-15, 2018 CPub meeting. The Chair in 2018 is Claudia Polini of the University of Notre Dame.

It was noted that CPub will hold its next meeting on September 20-21, 2019 at AMS Headquarters in Providence. The Chair in 2019 will again be Claudia Polini.

2.1.3 Report on Committee on Education (COE). Att. #18.

The ECBT received the attached report (#18) on the October 11-13, 2018 COE meeting. The Chair so far in 2018 has been Ravi Vakil of Stanford University. Vakil announced that he is stepping down as Chair, effective immediately, and Katherine Stevenson will be appointed Chair for the remainder of 2018 and 2019. COE will hold its next meeting on October 24-26, 2019 in Washington, DC.

It was also noted that COE will host a guided discussion entitled "Evidence-based learning: how do we all get there" at the 2019 Joint Mathematics Meetings. The session will take place on Thursday, January 17, 1:00 - 2:30 PM, in Room 315 of the Baltimore Convention Center.

2.1.4 Report on Committee on Science Policy (CSP).

The ECBT was informed as follows:

- The April 2018 Council voted to adopt a statement on gerrymandering so as to speak in the name of the Society. This statement appears on the AMS website: www.ams.org/about-us/governance/policy-statements/gerrymandering.
- CSP will host "A Conversation with Dr. Anne Kinney" at the 2019 Joint Mathematics Meetings on Friday, January 18, 2:30 4:00 PM, in Room 316 of the Baltimore Convention Center. Dr. Kinney, a PhD astrophysicist, is the Assistant Director, Directorate for Mathematical & Physical Sciences (MPS) at the National Science Foundation (NSF). MPS supports fundamental research in astronomy, chemistry, physics, materials science and mathematics. Karen Saxe will interview Dr. Kinney about her vision for MPS and how the mathematical sciences fit with larger programs at the NSF. The ECBT was invited to suggest ideas for what they would like Dr. Kinney to address.
- The next CSP meeting will be April 15-16, 2019 in Washington, DC. The Chair for 2019 will be Michael Vogelius of Rutgers University (and former director of the Division of Mathematical Sciences at the National Science Foundation).

[It is noted for the record that the event mentioned in the second bullet above, "A Conversation with Dr. Anne Kinney," did not take place because of the US Federal Government shutdown.]

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

The ECBT was informed that the next COMC meeting will be March 9, 2019 at the Hilton Chicago O'Hare Airport Hotel. The Chair for 2019 will be Kelly McKinnie of the University of Montana-Missoula.

2.2 Site of May 2019 ECBT Meeting.

The ECBT approved changing the site for the May 17-18, 2019 ECBT meeting from Ann Arbor, Michigan to Providence, Rhode Island. The reason for this change is that plans are underway to relocate the Ann Arbor office, and it is unlikely that the relocation will be complete by May 2019.

2.3 Motions of the Secretary.

Secretary Savage made the following motions, which were approved by acclamation:

The American Mathematical Society extends its warmest congratulations to the **Clay Mathematics Institute** on the occasion of its Twentieth Anniversary. The CMI's energetic and dedicated pursuit of its primary objective to encourage the increase and dissemination of mathematical knowledge has greatly contributed to the advancement of mathematics. There is a history of fruitful cooperation between the CMI and the AMS, and the AMS looks forward to continued collaboration toward our common goal of furthering the interests of mathematical research and scholarship.

The American Mathematical Society extends its warmest congratulations to the **National Association of Mathematicians** on the occasion of its Semicentennial. Throughout its history, NAM's energetic and dedicated pursuit of its goals to promote excellence in the mathematical sciences, and the mathematical development of all underrepresented minorities, has greatly contributed to the advancement of mathematics. NAM has enriched the lives of many through its excellent programs and activities. The AMS is proud to share these goals and looks forward to continued cooperation with NAM.

Be it resolved that the Executive Committee and Board of Trustees of the American Mathematical Society accept the retirement of **Barbara N. Beeton** with deep appreciation for her extraordinarily long record of faithful service. Barbara has served the Society admirably for 56 years, working tirelessly in support of the Society's mission to further the interests of mathematical research and scholarship. Barbara was a pioneer in implementing TeX at the AMS and throughout the mathematical community and was the official TeX entomologist (bug collector) for Donald Knuth. In addition, she was instrumental in developing international standards, such as Unicode, which facilitates communication among mathematicians via the internet. For these, and Barbara's many other accomplishments as a dedicated member of the AMS staff, the ECBT extends their profound gratitude and heartfelt good wishes for a happy and well-deserved retirement.

The Executive Committee and Board of Trustees of the American Mathematical Society record their thanks to **Jesús A. De Loera** 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 De Loera for his thoughtful participation and hopes that he will continue to be available to serve the Society in other ways.

The Executive Committee and Board of Trustees of the American Mathematical Society record their thanks to **Kenneth A. Ribet** for his leadership as President of the Society and for his contribution to the management of the Society as a member of the Board of Trustees. The ECBT is grateful for Professor Ribet's thoughtful participation and trusts that he will continue to be available to the Society as needed.

The Executive Committee and Board of Trustees of the American Mathematical Society record their thanks to **Robert K. Lazarsfeld** for his service to the Society as a member of the Board of Trustees during the past five years. The ECBT expresses its gratitude to Professor Lazarsfeld for his wisdom in contributing to the management of the Society and hopes to be able to draw upon his talents again.

2C EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES CONSENT ITEMS

2C.1 Minutes of May 2018 ECBT Meeting.

The ECBT approved the minutes of the meeting of the Executive Committee and Board of Trustees held May 11-12, 2018, 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-0518.pdf
- ECBT executive session minutes prepared by the Secretary of the Society

See also item 3E.5 of the executive session minutes of this meeting for approval of the May 2018 BT closed executive session minutes prepared by the Secretary of the Board.

2I EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES INFORMATION ITEMS

21.1 Report on Petitions for AMS Graduate Student Chapters.

A report on new Graduate Student Chapters that were approved by the Secretariat since the last ECBT meeting is included in the "Report on Activities of the Membership Department" (see item 2E.5 and Att. #28 in the executive session minutes of this meeting).

21.2 AAAS-AMS Congressional Fellowship.

The AMS, in conjunction with the American Association for the Advancement of Science (AAAS), 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.

Dr. James Ricci has been awarded the 2018-19 AMS Congressional Fellowship. Ricci was previously an Assistant Professor of Mathematics at Daemen College teaching courses in math and computer science. He received his PhD in mathematics from Wesleyan University. Ricci was part of an effort with Daemen's Natural Sciences Department to address the retention issues of educationally disadvantaged students. The team created a multidisciplinary freshman course focused on sparking interest in STEM for students whose minimal mathematics backgrounds did not support their chosen majors. He used a similar approach to re-design an introductory computer science course, incorporating current topics such as cybersecurity, cryptocurrencies, artificial intelligence and net neutrality into class discussions to address topics in a more meaningful and engaging way.

The AMS again plans to sponsor a Congressional Fellow in 2019-20. The deadline for receipt of applications for that fellowship is February 15, 2019. 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.

21.3 AAAS-AMS Mass Media Fellowship.

The AMS sponsors a Mass Media Fellow each summer through the Mass Media Science & Engineering Fellowship Program organized by the American Association for the Advancement of Science (AAAS). It is a program designed to improve public understanding of science and technology by placing advanced science, mathematics, and engineering students in newsrooms

American Mathematical Society November 2018 ECBT Minutes Page 8 of 15

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 Yen Duong for the 2018 AAAS-AMS Mass Media Fellowship. She is a recent Ph.D. recipient of the University of Illinois at Chicago and worked at the *Raleigh News* and *Observer* this summer. Dr. Duong enjoyed the fellowship immensely; an article about her experience appears in the <u>December 2018 Notices</u>.

The AMS plans to sponsor a Mass Media Fellow again in 2019. The deadline for receipt of applications is January 15, 2019. 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.

3 BOARD OF TRUSTEES ACTION/DISCUSSION ITEMS

3.1 **Budget Review.**

3.1.1 <u>Discussion of Fiscal Reports.</u>

The BT discussed items 3.1.1 through 3.2.5 and then voted to approve the 2019 budget as presented, subject to the discussion of item 3E.3 (Salary Increments for 2019) in closed executive session.

3.1.2 Capital Expenditures – 2018 and 2019 Capital Purchase Plans.

The BT reviewed the 2018 and 2019 capital purchase plans and approved the 2019 plan as part of the 2019 budget. See item 3.1.

3.1.3 Capital Expenditures - Approval of Specific Purchases. RILEY.

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

3.2 Spendable Income, Operations Support Fund and other Related Items. Att. #13.

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. #13.

3.2.1 Addition to Operations Support Fund.

The amount due operations from the long-term investment portfolio at the end of 2018 is estimated to be approximately \$3,000,000. 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 12/31/18 (estimated to be approximately \$3,000,000) 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, at the present time with current market conditions, it is likely that the transfer will return to the direction of ESF to OSF in 2018.

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 BT was informed that the income from the OSF for 2018 and 2019 is \$3,230,000 and \$3,630,000, respectively. Both the 2018 and 2019 amounts had been previously approved.

3.2.4 Appropriation of Spendable Income from Unrestricted Endowment. Att. #14.

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

- The Restricted Endowment funds were given for a specific purpose, such as for a prize or award. Income generated from the Restricted Endowment have 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 donated 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 following is from item 2E.5 of the May 2001 BT minutes:

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 2019 revenue budget currently includes \$262,185 of spendable income from the Unrestricted Endowment fund. To assist with allocating this income as revenue for regular operations, staff prepared the attached list of recommended projects to designate to receive this income (Att. #14).

By virtue of the action on the 2019 budget recorded under item 3.1.1 above, the appropriations for 2019 as shown in Att. #14 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 the only such transfer was \$20,000 to fund the Birman Fellowship.

3.3 <u>Investment Committee Report.</u>

Investment Committee Chair Jane Hawkins delivered a report on the November 16, 2018 Investment Committee meeting. The BT approved a recommendation from the Investment Committee that one-third of the current assets now in the Vanguard Total Market Fund be moved to an analogous Fidelity Fund.

3.4 <u>Audit and Risk Committee</u>.

Audit and Risk Committee Chair Jane Hawkins reported that the Committee met with representatives from the Society's auditing firm, CBIZ Tofias & Mayer Hoffman McCann P.C., on November 16, 2018 to discuss audit planning and any changes in accounting pronouncements affecting the AMS.

3.5 Board-designated Fund for Strategic Plan Implementation. Att. #15.

The AMS is in the implementation stage of the *Strategic Plan 2016-2020*. The BT received the attached report (#15) on the use of the strategic planning funds.

The BT approved the Executive Director's and the Chief Financial Officer's recommendation that an additional \$250,000 be taken from the Operations Support Fund and designated as part the Strategic Planning Fund, to be used for implementation of strategic plan initiatives.

3.6 <u>Trustees' Officers</u>.

The Board elected Bryna Kra Chair of the Board for the term February 1, 2019 – January 31, 2020.

The Board re-elected Zbigniew Nitecki Secretary of the Board for the term February 1, 2019 – January 31, 2020.

3.7 Trustees' Committees, etc. Att. #26.

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 that were made subsequent to this meeting are noted for the record in Att. #26.]

3C BOARD OF TRUSTEES CONSENT ITEMS

3C.1 Request for Support of Speakers at 2020 AAAS Annual Meeting.

The BT consented to a commitment of \$7,500 to support mathematics speakers at the 2020 AAAS annual meeting.

[It is noted for the record that, in November 2007, the BT first agreed to provide support for speakers in the Mathematics Section of the American Association for the Advancement of Science (AAAS) annual meeting. After that, approval to continue the support was requested on the consent agenda each year. At this ECBT meeting, a new process for authorizing and reviewing all support of this type was approved, so henceforth this matter will be subsumed under that process.]

3C.2 Funding Project NExT Fellows for 2020.

Project NExT (New Experiences in Teaching) is a program of the Mathematical Association of America that provides training for early career mathematicians. The BT consented to a commitment of \$15,000 for Project NExT in 2020.

[It is noted for the record that the AMS first provided funding for six fellows at \$2,500 each in 2002. After that, approval to continue the support was requested on the consent agenda each year. Starting in November 2008, the ECBT reviewed AMS's participation in the program every two years. At this ECBT meeting, a new process for authorizing and reviewing all support of this type was approved, so henceforth this matter will be subsumed under that process.]

3C.3 Courtesy Appointments for AMS Staff Mathematicians.

Since 1995 the University of Michigan has provided courtesy appointments as "Academic Affiliate" to the Executive Editor and Associate Editors at Mathematical Reviews. Since 2017 Brown University has provided courtesy appointments as "Visiting Scholar" to PhD

mathematicians at AMS Headquarters. The BT's appreciation for these courtesies has been extended to these universities.

Starting in 2018, Georgetown University is providing a courtesy appointment to the Associate Executive Director of the Government Relations Division in Washington, DC. The BT approved the following statement of appreciation, which will be communicated to Georgetown University:

The Board of Trustees of the American Mathematical Society thanks Georgetown University for extending a courtesy appointment to Dr. Karen Saxe, the Associate Executive Director of the AMS Government Relations Division. This appointment supports the ongoing research program of Dr. Saxe and will enhance the ability of the AMS to attract the best individuals to serve the mission of our organization.

3C.4 Recognition for Length of Service.

The BT approved the following proclamations for the employees noted.

20 years of service: Deborah M. Dishman Timothy E. McMahon Daniel N. Pelton Jeffrey J. Simons

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: Peter D. MacKay Karen A. Ouellette Elena M. Rusina Jennifer Wright-Sharp

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.

American Mathematical Society November 2018 ECBT Minutes Page 14 of 15

30 years of service: Neil G. Bartholomew Alan Harder Erol Ozil Peter B. Sykes

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: Cheryl Norato Lorraine A. Sprague

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.

45 years of service: Penelope O. Pina

The Board of Trustees takes great pride in recognizing Penelope O. Pina who has devoted forty-five 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 Penny for being such a loyal employee and wish her well in the future.

3I BOARD OF TRUSTEES INFORMATION ITEMS

31.1 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.

Effective July 5, 2018 participant contracts held in the AMS Tax-Deferred Annuity Plan were transitioned from individually-owned Retirement Annuity, Supplemental Retirement Annuity and Group Supplementary Retirement Annuity contracts to group Retirement Choice Plus (RCP) contracts. This change provides participants with more flexibility, as well as a wider range of investment choices, including mutual funds, for mandatory and voluntary contributions to the Plan. Additionally, the RCP contract structure will improve the efficiency of administering the Plan and provide AMS, as Plan Sponsor, the ability to make changes to the investment option lineup if it is determined to be in the best interests of participants.

31.2 Retirement Plan Investment Committee Report. Att. #16.

The Retirement Plan Investment Committee is a standing committee created in 2011 consisting of four members:

- 1. Director of Human Resources (Chair)
- 2. Chief Financial Officer
- 3. Human Resources Benefit Specialist
- 4. Associate Treasurer

The Committee is responsible for ensuring that the Society fulfills its Plan Sponsor responsibilities. Att. #16 contains the 2018 Committee report.

Respectfully submitted,

Carla D. Savage, Secretary Raleigh, North Carolina January 15, 2019

Attachment 6 Item 11.1 Page 1 of 6 November 2018 AMS ECBT



Carla D. Savage Secretary ams_secretary@ncsu.edu 919.515.7863

SECRETARIAT BUSINESS BY MAIL MINUTES May 1, 2018

(from the Ballot dated April 3, 2018)

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, 2018.
- 2. Approved the student chapter petition from the University of Texas at Arlington.
- 3. Approved the proposal that the University of Virginia host the Spring 2020 Southeastern Sectional Meeting on March 13-15, 2020.
- 4. Approved the proposal that California State University, Fresno, host the Spring 2020 Western Sectional Meeting on May 2-3, 2020.
- 5. Approved the Minutes of the Secretariat Business by Mail from the ballot dated March 1, 2018.

Attachment 6 Item 1I.1 Page 2 of 6 November 2018 AMS ECBT



Carla D. Savage Secretary ams_secretary@ncsu.edu 919.515.7863

SECRETARIAT BUSINESS BY MAIL MINUTES June 1, 2018

(from the Ballot dated May 1, 2018)

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, 2018.
- 2. Approved the following two AMS gift memberships, both purchased by the AMS Office of Government Relations: Eliot Melder (Undergraduate Student Rate) and Abby Quick (Graduate Student Rate).
- 3. Approved the Minutes of the Secretariat Business by Mail from the ballot dated April 3, 2018.

Attachment 6 Item 1I.1 Page 3 of 6 November 2018 AMS ECBT



Carla D. Savage Secretary ams_secretary@ncsu.edu 919.515.7863

SECRETARIAT BUSINESS BY MAIL MINUTES July 1, 2018

(from the Ballot dated June 4, 2018)

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 (attached) dated May 20, 2018.
- 2. Approved the Minutes of the Secretariat Business by Mail from the ballot dated May 1, 2018.

All items were approved unanimously.

Attachment 6 Item 1I.1 Page 4 of 6 November 2018 AMS ECBT



Carla D. Savage Secretary ams_secretary@ncsu.edu 919.515.7863

SECRETARIAT BUSINESS BY MAIL MINUTES August 1, 2018

(from the Ballot dated July 5, 2018)

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, 2018.
- 2. Approved the proposal to hold the Fall Central Sectional Meeting, September 12 13, 2020 at the University of Texas at El Paso (UTEP).
- 3. Approved the Minutes of the Secretariat Business by Mail from the ballot dated June 4, 2018.

All items were approved unanimously.

Attachment 6 Item 1I.1 Page 5 of 6 November 2018 AMS ECBT



Carla D. Savage Secretary ams_secretary@ncsu.edu 919.515.7863

SECRETARIAT BUSINESS BY MAIL MINUTES September 1, 2018

(from the Ballot dated August 1, 2018)

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, 2018.
- 2. Approved the student chapter petition from the University of North Carolina at Greensboro.
- 3. Approved the proposal from Creighton University to host the AMS Central Sectional Meeting in Omaha, Nebraska on October 9-10, 2021.
- 4. Approved the proposal from Tufts University to host the AMS Eastern Sectional Meeting in Medford, Massachusetts on March 21-22, 2020.
- 5. Approved the participation of the European Mathematical Society (EMS) in the (previously approved) Joint International Meeting of the American Mathematical Society and French Mathematical Society (SMF) in Grenoble France, July 5-9, 2021. The meeting will now be referred to as the AMS-SMF-EMS Joint International Meeting in Grenoble France.
- 6. Approved the Minutes of the Secretariat Business by Mail from the ballot dated July 5, 2018.

Attachment 6 Item 1I.1 Page 6 of 6 November 2018 AMS ECBT



Carla D. Savage Secretary ams_secretary@ncsu.edu 919.515.7863

SECRETARIAT BUSINESS BY MAIL MINUTES October 1, 2018

(from the Ballot dated September 4, 2018)

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

- 1. Approve electing to membership the individuals named on the list dated August 20, 2018.
- 2. Approve the student chapter petition from Michigan State University in East Lansing, MI.
- 3. Approve the Minutes of the Secretariat Business by Mail from the ballot dated August 1, 2018.

REPORT ON SEPTEMBER 15-16, 2018 COMMITTEE ON THE PROFESSION (CoProf) MEETING

CoProf approved the following items for recommendation to the Council:

- A new charge for the Committee on Professional Ethics (COPE), as well as revisions
 of the Ethical Guidelines (with the new charge removing the expectation that COPE
 will engage in activities involving investigations, mediation, or enforcement);
- A change to the nomination form for the AMS Fellows program, to highlight the importance of the three support statements;
- Creation of a Prize Oversight Committee that would be responsible for prize-related matters currently in CoProf's purview, as well as efforts to increase the number and diversity of nominees and the diversity of awardees and Fellows;
- A new charge for the Committee on Human Rights, along with a response to feedback from the January 2018 Council;
- A change to the guidelines for the Birman and Centennial Fellowships, to prohibit a member of the selection committee from writing a letter for an applicant;
- Creation of the William Lockwood Forster Memorial Award, which is a scholarship for undergraduates;
- Changes to the list of privileges of Corporate Membership.

In addition, CoProf is developing an AMS policy statement on diversity and a proposal to create a new Committee on Diversity and Inclusion that will, if approved, be brought to the Council. It will also seek the Council's input regarding the possible creation of a site-visit program to assess the climate for women and minorities in mathematics departments.

In other business, CoProf agreed to implement the ECBT's request in May 2018 that it review of the Centennial Fellowship. It also voted to join the Committee on Education in a review of the Department Chairs Workshop, and to join the MAA and SIAM in reviewing the Morgan Prize. As the topic for its next annual review, CoProf chose careers in business, industry, and government (BIG) and what the AMS should do to make students aware of opportunities in BIG and to help them prepare for such positions. Other topics of discussion included the structure of institutional dues and recent challenges faced by MathJobs.org.

T. Christine Stevens Associate Executive Director for Meetings and Professional Services October 2018

AMERICAN MATHEMATICAL SOCIETY

Committee on Publications 2018 Annual Meeting SUMMARY REPORT

A meeting of the AMS Committee on Publications (CPub) was held on Friday and Saturday, September 14-15, 2018 at the Chicago O'Hare Hilton Hotel, O'Hare International Airport, Chicago, IL, 60666. Claudia Polini, chair, presided.

Actions taken by CPub include the following:

Minutes of Business by Mail

The January 3, 2018 minutes of business by mail were approved. The business conducted was to approve the minutes of the October 2017 CPub meeting.

Subcommittee to Review 2009 CoProf Culture Statement on Citation and Impact

In discussion stemming from Executive Editor Edward Dunne's report on *Mathematical Reviews*, concerns raised regarding the commercialized use of citation and Impact Factor data by for-profit companies led to the formation of a subcommittee tasked with reviewing the 2009 AMS Committee on the Profession (CoProf) statement, "The Culture of Research and Scholarship in Mathematics: Citation and Impact in Mathematical Publications." Subcommittee members Andreas Frommer (Mathematical Reviews Editorial Committee), Ilya Kapovich (subcommittee chair, CPub) and Michael Singer (CPub) will work in consultation with Executive Editor Dunne to review CoProf's 2009 statement and determine if it should be updated. A report on the subcommittee's work and any resulting recommendations are expected to be completed by the end of 2018.

Journal of the AMS Editorial Committee Charge

In 2016, at the request of the Editorial Boards Committee, AMS Executive Director Don McClure approved an increase in the number of editors on the Journal of the AMS Editorial Committee from six to seven. To reflect this change, Secretary Savage requested that CPub endorse revising the General Description of the editorial committee's <u>charge</u> from "Number of members is approximately six" to "Number of members is approximately seven" for approval by Council. CPub approved the revision, and its recommendation will go to the January 2019 Council for approval.

2018 Annual Review - Review of the AMS Book Program

A subcommittee of CPub members consisting of Henry Cohn, Javad Mashreghi, Claudia Polini (chair) and Victor Reiner conducted the 2018 review of the AMS Book Program.

The subcommittee's review focused on evaluating how effectively the Book Program serves the needs of the mathematical community and assessed the following aspects: scientific quality, scientific scope, reaching different audiences, and support for authors.

Attachment 8 Item 2.1.2 Page 2 of 4 November 2018 AMS ECBT

In 2016, an extensive review of the AMS Book Program covering the decade 2005-2015 was conducted. For its review, the 2018 subcommittee examined the report of the 2016 review, collected additional data on books published during 2014-2017 and conducted surveys of AMS members, authors of AMS monographs, authors of monographs published elsewhere, and MAA members.

The general findings of the review indicate the AMS Book Program is doing a good job of serving the AMS community as a whole, and that the scientific level of the program is increasing and is similar to that of other well-known and established publishers such as Springer, Cambridge and Princeton. Areas noted for improvement include the following:

- Increase awareness Raise awareness of what AMS can offer authors and to members who want to become prospective authors. As specific to the AMS/MAA Press merger, be aware of concerns regarding preserving the unique identities of the two societies.
- e-books Price AMS e-books considerably lower than their print counterparts.
- Marketing Do a more aggressive job of marketing and publicizing AMS books.
- Peer review Adopt more thorough peer review practices for undergraduate level works.
- Applied mathematics Continue to look for opportunities to expand AMS's offerings in applied math.

CPub unanimously moved to accept the subcommittee's report with thanks, noting these areas for reexamination at the time of the next Book Program review in 2021.

CPub Subcommittee to Investigate Additional Research Publications

At the May 2018 Executive Committee and Board of Trustees (ECBT) meeting, discussion of the *Transactions of the AMS* backlog issue resulted in consensus that AMS should look into ways to publish more research content and that the initial discussion toward this end should be undertaken by CPub. Following the ECBT meeting, CPub Chair Claudia Polini appointed a subcommittee, the CPub Subcommittee to Investigate Additional Research Publications (CPub-ARP), consisting of Joseph Silverman (chair), Henry Cohn, Sergei Gelfand, and Amie Wilkinson, to "investigate and put together a short list of options that would enable the AMS to publish additional research mathematics" to present to CPub at the time of its September 2018 meeting.

CPub discussed the subcommittee's report, which outlines pros and cons of three publication models and four publication options and also includes comments solicited from CPub, the Executive Committee and Board of Trustees (ECBT), the Editorial Boards Committee (EBC) and AMS staff, and voted to expand the current subcommittee to include CPub member Victor Reiner and Associate Executive Director for Publishing Robert Harington, who will replace Sergei Gelfand. The subcommittee's work will now focus on developing a specific proposal for consideration by CPub, ECBT, and the Council in 2019.

Peer Review for AMS Journals

In AMS's history, use of double-blind refereeing for the Society's publications is limited to use by *Proceedings* for a five-year trial period in the mid-1970s. The trial was ordered by a Council decision initiated by Mary W. Gray, which resulted in a lot of controversy and objections, and has not been reexamined since. In a proposal from President Elect Jill Pipher, CPub was asked to

consider if a switch to double-blind review or open review would help the AMS reduce bias within the mathematical community and if a subcommittee should be formed to more thoroughly examine these models and issues of transparency in peer review.

CPub voted to form a subcommittee charged with considering various issues related to transparency in peer review and to specifically address the question of whether double-blind refereeing should be instituted for some or all AMS journals. Subcommittee members include Henry Cohn (chair), Robert Harington (staff liaison), Ken Ono and Brooke Shipley. CPub also recommended that Chad Topaz, chair of the AMS Committee on Women in Mathematics be invited to join the subcommittee. The subcommittee is 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, and report its findings at CPub's 2019 meeting.

Other Business:

AMS/MAA Press

Publisher Sergei Gelfand provided CPub with an overview of the history and current status of AMS's acquisition of the MAA Press book program and led discussion on related goals and challenges.

Topics discussed included the following:

- Overview of the MAA Book Program and its series
- Merging MAA titles into AMS's Book Program
- Acquisitions staff and editorial committees
- AMS's 2016-2020 Strategic Plan
- Series identity and marketing

Institutional Open Access Policies Subcommittee

In 2016, the Joint CPub/CoProf Subcommittee on Open Access Policies was established to study open access policies as they relate to faculties', publishers' and schools' rights for faculty-authored scholarly articles. The subcommittee's report was presented at the 2017 meeting, and CPub requested that the subcommittee work with AMS staff to prepare an article for publication in the *Notices* to raise awareness on open access policies. Chair Henry Cohn reported that the subcommittee expects to submit the article to the *Notices* this fall.

Web Advisory Group (WAG)

Per CPub's recommendation, the Web Editorial Group was disbanded by Council decision in January 2018. In order to keep CPub advised on matters concerning AMS website content, CPub member Nathan Dunfield was appointed as a liaison to WAG and participated in WAG's activities throughout 2018.

Professor Dunfield gave a brief update on the work of the WAG, noting that web content matters have been intentionally reduced while efforts are focused on web infrastructure and redesign.

Attachment 8 Item 2.1.2 Page 4 of 4 November 2018 AMS ECBT

Following the meeting, Professor Dunfield accepted Executive Director Robert's invitation to continue as the CPub liaison to WAG in 2019.

Staff provided reports on the following items:

- 2016-2020 Strategic Plan
- eBook Program
- Journal Backlogs
- Mathematical Reviews/MathSciNet®

2019 Annual Review

In 2018, Council approved revising CPub's charge to modify its four-year review schedule to conduct reviews on a three-year cycle as follows:

- 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 2019, an evaluation of the primary journals (JAMS, MCOM, PAMS, and TRAN) will be conducted, and the primary journal managing editors will be invited guests of CPub's 2019 meeting.

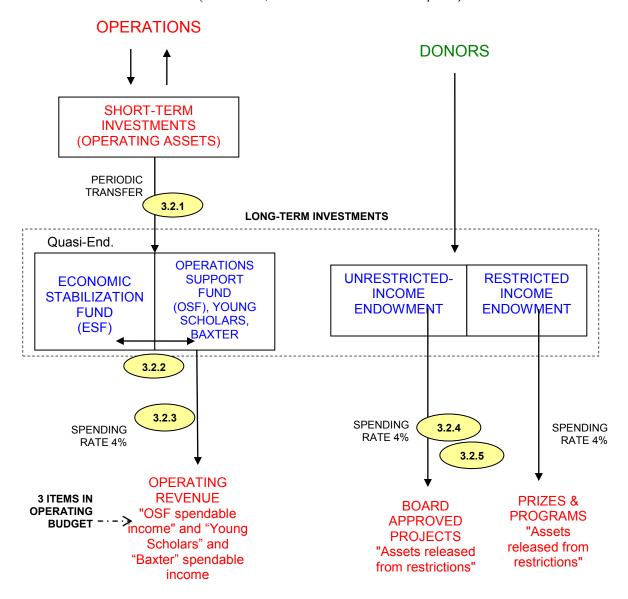
Next Meeting

The next CPub meeting will be held September 20-21, 2019 at the AMS Headquarters in Providence, RI.

Sergei Gelfand Publisher October 11, 2018

Page 1 of 1 AMS Long-term Investments November 2018 AMS ECBT Cliffs Notes

(For details, see section D of Fiscal Reports)



ESF = 50% annual operating expenses + unfunded medical liability (APBO) + Flood self-Insurance (\$1,700,000 in 2014)

OSF = guasi-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.

\$24.2 M 94.6 M
8.2 M 7.9 M

Appropriated Spendable Income

Each year, the Board determines the allocation of spendable income from the unrestricted endowment. For 2019, the available funding is \$262,185.

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 this particular set of programs, it would allocate \$262,000 of available spendable income from the unrestricted endowment.

Sometimes the spendable income is held for future use, such as has been done with the travel support for the Mathematical Congress of the Americas. Sometimes not all funds are actually spent. Currently, the AMS holds approximately \$150,000 in unspent spendable income from prior years. 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. There are notes embedded in the program descriptions below pointing to how the Executive Director plans to allocate some of the unspent spendable income from prior years.

AMS-AAAS Congressional Fellow (\$74,000)

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. Additional funding of approximately \$11,000 will come from unspent spendable income from prior years.

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 and publisher supporter.

Attachment 14 Item 3.2.4 Page 2 of 3 November 2018 AMS ECBT

Centennial Fellow (\$50,000)

The revenue from donations to support the Centennial Fellowship is no longer adequate to fully support one 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.

Programs of the Department of Education and Diversity (\$25,000)

During 2019, 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.

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 (\$40,000)

There are now approximately 67 active AMS Graduate Student Chapters. Each one receives up to \$350 per year for support of chapter activities, and large chapters with extensive activities can request an additional \$400. 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 in 2019, and approximately \$12,500 of unspent spendable income from prior years will be used to fund the remaining expense.

MathJax Development and eBook Innovation (\$20,000)

MathJax is server-based software for rendering LaTeX expressions into mathematical expressions that can be displayed by standard web browsers and by ebook applications. MathJax development is supported jointly by the AMS and SIAM. In 2013, the AMS became the managing member of the MathJax joint venture. Since its release in 2010, MathJax has gained a broad group of users and financial supporters. A current priority for ongoing development is to adapt MathJax to the ePub3 standard for electronic books. This holds great promise for displaying mathematics with free flowing text, which is important for the quality of display of mathematics on small screen devices.

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 (\$10,000)

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 of \$50,000 annually has received partial funding from Joan and Joseph Birman. The additional approximately \$40,000 in funding for 2019 will come from unused appropriated funds from prior years and from spendable income from the Birman endowment fund.

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

The November 2017 ECBT approved setting aside \$10,000 a year for four years (2018-2021) to contribute to the pool of funds to be used to support travel expenses of early career mathematical scientists from Latin America to participate in MCA 2021. These amounts will remain in the unspent spendable income balance until 2021.

The recommendations above total \$262,000.

Catherine Roberts, Executive Director Emily Riley, Chief Financial Officer November 2018

Board Designated Fund for Strategic Planning

At the end of 2017, the Board of Trustees set aside \$225,000 to be used for strategic planning implementation in 2018. With the remaining balance in the fund at the end of 2017, the total available funds for 2018 spending were about \$290,000. These funds are expected to be used in the following ways:

Expense Description	Amount	Strategic Planning Initiative
Personnel Expenses		Mathematical Reviews Staff working on strategic
		initiatives related to publishing (SP6A). Executive
		Director Department staff reviewing and steering
	\$130,000	ongoing initiatives.
Legal Fees for Trademark	8,500	Branding initiative (SP2A)
Signage, Wall Art, and supplies	7,000	Branding initiative (SP2A)
Promotional Materials	10,000	Branding initiative (SP2A)
KWF Consultants	30,000	Succession planning (SP6C)
Campaign for the Next	32,000	Serve all members of the AMS and of the broader
Generation		Mathematics Community (SP1D)
Total	\$217,500	

Emily Riley, Chief Financial Officer and Associate Executive Director for Finance and Administration November 1, 2018

Report of the AMS Retirement Plan Investment Committee

This document provides a summary report of the 2018 activities of 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 insuring that the Society fulfills its Plan Sponsor responsibilities and with making reports to the Board concerning its activities at least annually.

For the 2018 calendar year the following individuals served on the Committee: Tammy King Walsh succeeded by Jill Connolly (Chair), Emily Riley (elected Secretary), Denise Lima and Zbigniew Nitecki.

In 2018, the Committee met in Providence with activities summarized as follows:

February 28, 2018 - The Committee voted to implement modifications and enhancements to the AMS 403(b) Tax-Deferred Annuity Plan (TDA) contracts, fee structure and investment menu. Vin Smith of Fiduciary Investment Advisors (FIA), the third-party investment advisor assisting AMS with its fiduciary responsibilities, presented a 2017 Fourth Quarter Review covering the fiduciary governance calendar, the economy and the market, as well as best practices in investment menu design and performance of and expenses associated with investment menu options. All investment menu options were assigned "Maintain" status with no changes recommended.

July 31, 2018 – The Committee reviewed the implementation of enhancements to the TDA Plan that were effective July 5, 2018. The Plans' Revenue Credit accounts were reviewed with options for returning Revenue Credits to participants. The Committee voted to return Revenue Credits to participants by the end of 2018. Vin Smith of FIA presented a 2018 Second 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 June 30, 2018 were reviewed. All were assigned "Maintain" status with no changes recommended. The fiduciary governance calendar, best practices for investment committee governance and the current Investment Policy Statements were reviewed with no changes recommended.

October 26, 2018 – Vin Smith of FIA will present a 2018 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.

Jill Connolly, Director of Human Resources and Chair of the AMS Retirement Plan Investment Committee October 24, 2018

American Mathematical Society Committee on Education Meeting October 11-13, 2018 Washington DC

Committee Meeting Summary Report

This year's Committee on Education (COE) meeting began with a dinner on Thursday evening, which provided an overview of the Committee on Education's purpose and objectives, along with an update on the AMS Strategic Plan and introduction of the first annual Mini-conference on Education. The Thursday night reception and Saturday committee meeting were facilitated by Karen Saxe on behalf of Ravi Vakil, Chair of COE (who was linked via Skype on Saturday). The first annual Mini-Conference on Education, entitled *Next Steps in the Evolution of Mathematics Education: Moving Beyond Pilots* took place on Friday and was organized by Katherine Stevenson (California State University, Northridge), a member of the AMS Committee on Education and Megan Kerr (Wellesley College). The focus of the mini-conference was to engage participants both within and outside of the mathematics community through talks, discussion, and reflection on education policy, career equity, curriculum and pedagogy. The mini-conference consisted of presentations, panel discussion, and audience interaction over the course of one day. Total attendance was 63, with 27 department chairs/leaders from across the country, 11 AMS Committee on Education members and 25 invited guests from umbrella mathematics organizations and federal offices.

A report on the Committee in Education's first Annual Mini-conference on Education is included pages 3-6 of this document.

Committee Discussion

- 1. The Committee on Education (COE) discussed the premier of the first annual Mini-conference on Education. Committee members voiced their opinion on the overall reception of the mini-conference and provided topic suggestions for next year. The Mini-conference on Education was viewed as a success. Committee discussion sparked ideas and conversation on continued momentum for the mini-conference and on garnering a larger audience.
- 2. The committee reviewed an inventory list of programs and activities that could undergo a regular cycle of review by COE. The committee decided to begin a three year cycle of review in four areas: K-16 education, graduate students and recent PhD recipients, and then general activities that fall under COE's purview. The committee will begin this cycle of reviews in 2019 with a look at K-16 education, results of the review to be presented at next year's committee meeting.
- 3. The committee decided to form a joint subcommittee with the AMS Committee on the Profession to review the AMS Department Chairs Workshop.
- 4. The committee revisited the possibility of drafting a new charge. Instead, the committee decided to keep the charge as is, but develop a vision statement to first be shared internally (passed along from chair to chair) and then revised as a public document. A subcommittee will be formed to draft the vision statement.
- 5. The committee also discussed who the AMS representative to AAAS for Section Q (Education) would be for the next term. The committee felt that this representative should have a connection to

Attachment 18 Item 2.1.3 Page 2 of 6 November 2018 AMS ECBT

COE. Uri Treisman's name was offered. Treisman was invited and has agreed to serve both on the AMS Committee on Education and to serve as Section Q representative.

- 6. The committee made a suggestion for who should be part of the steering committee for the International Conference on Mathematics Education (ICME), an every four year event with the next happening in 2020. This person will be invited to fill this position for the AMS.
- 7. Other subcommittees for COE projects and programs were discussed, some assignments were volunteered for and others will need to be invited from the 2019 COE committee roster. Subcommittees included those for the K-16 Portfolio Review; the TPSE Representative; someone to write a *Notices* article on Mini-conference; the Award for Impact on the Teaching and Learning of Mathematics Selection Committee; 2019 Mini-conference on Education organizers; JMM 2020 COE Event Planners; and Joint COE/CoProf Review Committee for Dept Chairs Workshop.
- 8. There was also discussion with Helen Grundman, Director of the AMS Education and Diversity Department, about how that department should work with the committee.

Award for Impact on the Teaching and Learning of Mathematics

The chair of the selection committee for the 2019 Award for Impact on the Teaching and Learning of Mathematics presented the selection committee's choice for the award. This award is given annually by the AMS Committee on Education (COE) to a mathematician or group of mathematicians who has made significant contributions of lasting value to mathematics education. The draft citation was read and the Committee on Education voted to accept the chosen winner.

The committee discussed ways to make the award more impactful and how to revise the solicitation of the award to garner stronger and more qualified nominations. The announcement of the award recipient will remain confidential until the Joint Mathematics Meeting in January. The winner will be announced in the May 2019 issue of the *Notices*.

COE Activities at the Joint Mathematics Meetings, January 2019

The AMS Committee on Education will sponsor a guided discussion at the 2019 JMM in Baltimore, MD entitled "Evidence-based teaching: how do we all get there?"

This event will foster small group discussions and solicit ideas on how to implement ways to support shifting pedagogy toward evidence-based active learning methods that substantially improve student success. In particular, the discussion will focus on graduate student and early career training; developing departmental experts who can lead and mentor; an inventory tool of teaching practices for observations and training; program evaluation and deeper more authentic learning outcomes; programming for department chairs; and redesigning the publishing of teaching materials, possibly through new academic models.

Date of Next Meeting

The next Committee on Education meeting will be held October 24-26, 2019 in Washington, DC. The next Mini-conference on Education being held on Friday, October 25, 2019.

Karen Saxe Associate Executive Director for Government Relations October 2018

American Mathematical Society Committee on Education Mini-conference on Education October 12, 2018 Washington DC

Mini-conference on Education Summary Report

The first annual AMS Mini-Conference on Education, entitled *Next Steps in the Evolution of Mathematics Education: Moving Beyond Pilots*, was organized by Katherine Stevenson (California State University, Northridge), a member of the AMS Committee on Education and Megan Kerr (Wellesley College). The focus of the mini-conference was to engage participants both within and outside of the mathematics community through talks, discussion, and reflection on education policy, career equity, curriculum and pedagogy. The mini-conference consisted of presentations, panel discussion, and audience interaction over the course of one day. Total attendance was 63, with 27 department chairs/leaders from across the country, 11 AMS Committee on Education members and 25 invited guests from umbrella mathematics organizations and federal offices.

"Departmental Practices Supporting Careers in Business, Industry and Government (BIG)"

Rachel Levy (Mathematical Association of America) discussed the opportunities for departments to build faculty capacity, make connections with business, industry, and government (BIG) and motivate cultural shifts in equity and access.

The BIG Math Network works to bring the mathematics community together in order to build job opportunities for mathematical scientists; create regional networks; facilitate connections between students, faculty, recruiters and managers; increase knowledge about internships while also providing viable models for internships and how to prepare for them, through the BIG Jobs Guide. Levy encouraged the use of the BIG Math Network Career Connection Checklist in departmental practice to give undergraduate and graduate students greater exposure to information.

"TPSE: Its Creation, Evolution and Agenda"

Karen Saxe (Associate Executive Director, AMS) discussed the landscape of mathematics and policy within the United States. Saxe gave an overview of TPSE Math including listing the board of governors, executive director, staff, and funders. The mission of TPSE Math is working to facilitate an inclusive movement to strength post-secondary education in mathematics by working closely with faculty leaders, university administrators, membership associations and relevant disciplinary societies in the pursuit of mathematically relevant education for all students. Key action priorities of TPSE Math include the lower and upper division pathways, teaching technologies and methodologies, and broader graduate education. Saxe referenced the next steps in fulfilling TPSE's mission, to further create strong partnerships and collaborations; and cultivate new leaders from mathematics.

Attachment 18 Item 2.1.3 Page 4 of 6 November 2018 AMS ECBT

Uri Treisman (The University of Texas at Austin) discussed the goals of TPSE Math in academic success and faculty development. Key themes included the emphasis on structural change in both upper and lower division pathways in mathematics to increase undergraduate student success. Treisman detailed TPSE's role in reforming lower division pathways at two and four year institutions by encouraging the spread of innovation, the standard of ownership being a normative practice, the change in standards of responsible practice and the change in relevant statutes administrative codes and regulations. The Dana Center Mathematics Pathways Model addressed increasing student success in mathematics pathways aligned with their program of study through quick structural change and continuous improvement. Treisman discussed TPSE Math's role in promoting reform of upper division pathways by highlighting the importance of investing in faculty development, as well as responding to evolving career opportunities and demand from other departments for mathematics courses through regional meetings.

"The role of Mathematics in the Study of Visual Processing in the Brain"

Ellen Hildreth (Wellesley College) began her presentation by discussing how the brain processes information as a basis for sensory perception, thought and action—requiring a cross disciplinary approach from subjects centered in computational modeling, psychology, neuroscience, and cognitive science. She presented examples from human visual processing, which included the visual guidance of motor behavior to understand human behavior's role in machine learning and development of vision research.

Hildreth discussed the importance of early exposure and learning to applications of mathematics through combining a multitude of academic courses in undergraduate and graduate institutions. She connected the interdisciplinary approach of characterizing formal representations of sensory perception with the foundational necessity of mathematics used to formulate and analyze solutions to problems faced by biological systems and intelligent machines, and interpret complex data at a conceptual level. Early exposure to applications of mathematics introduces students to fields with compelling research challenges and successes; and introduces interdisciplinary study of intelligence.

"From the Heat Equation to Financial Security"

Sonin Kwon (Mass Mutual) spoke about why mathematics education matters in the financial industry; what skills are useful for work in the industry; and why mathematics students' way of thinking gives them a unique advantage in the workplace.

Kwon explained that students who major in mathematics are often conditioned to understand the concept of formulas, outside of simply solving equations. Mathematical thinking affords students the key skill of critical thinking, understanding logical thinking storylines and hypothesis, presenting evidence based debates, formulating conjectures, and creating or collecting models to check one's understanding. Kwon explained that financial and accounting majors often lack the understanding of concepts and derivation of formulas, which is a foundational nature mathematicians are trained to possess. Although mathematicians are equipped with quantitative skills, Kwon explained that it is imperative for students to also be exposed to interdisciplinary courses which will give them other necessary skills needed in the workplace.

"Panel on Next Steps - General"

John Ewing (Math for America), Jim Ham (AMATYC), Deanna Haunsperger (MAA) Vince Lucarelli (NSA) Chris Rasmussen (CBMS & NAS) Michelle Schwalbe (BMSA&NAS) and Lee Zia (NSF).

John Ewing moderated the panel. Each panelist described their own background and affiliation and then discussed course preparation, content and pedagogy. Attendees were encouraged to reflect on the prior presentations in order to make connections between those presentations and their own work and teaching practice. Panelists and attendees discussed issues related to the expansion of the mathematics community, as well as educational and career development in mathematics. They also spoke of ways to advance mathematics education, including improvement of communication and collaboration with relevant allies; and encouraging institutional change in both undergraduate and graduate education.

"Rethink STEM"

Jake Steel (U.S. Department of Education) a former high school mathematics teacher who was brought to the White House by way of the Domestic Policy Council to assist the Office of Science and Technology Policy (OSTP) in its development of the State and Federal 5 year STEM strategic plan. This plan was introduced by the Obama Administration in 2013 and will be renewed in 2018. Steel began his presentation by giving an overview of the current strategic plan's work to improve STEM education over the last five years and connected it to the Trump Administration's assessment of education standards. He discussed the priorities expected for the next 5 year STEM plan being executed under Trump's Administration which includes expanding partnerships through workplace learning, re-skilling and upskilling, certifications or credentialing; fostering STEM ecosystems; innovation and entrepreneurship; digital platforms for teaching; and supporting the contextual integration of the mathematical sciences.

Steel discussed the Department of Education's interest in improving the teaching profession by daily collaboration with parents, advocacy and community members. Steel outlined Secretary of Education Betsy DeVos's eleven policy priorities for education in the United States. Priority six details the promotion of science, technology, engineering, and math (STEM) education, particularly focused on computer science.

"Math Achievement: Law, Policy, and Post-Secondary Opportunity"

Christopher Edley Jr. (Opportunity Institute) began by discussing the importance of the landmark employment discrimination case, *Griggs v. Duke Power Company*, decided by the U.S. Supreme Court in 1971. The court ruled unanimously against the intelligence testing practices of the Duke Power Company because of its requirement of a high school diploma or equivalent for its lowest level employees. The court found the requirement to have a disparate impact on the black community in North Carolina. It decided that if such employment requirements disparately impact minority groups, businesses must demonstrate that such requirements are reasonably related to performing the job.

Christopher Edley argued that requirements in secondary and post-secondary mathematics education also cause a racially disparate impact in communities across the United States. Edley addressed how math is an enabler of opportunities and choices, but equally a barrier. Math requirements are often used for college entry or completion of general education requirements, the consequence of which can lead groups of individuals to fall below the line of educational standard in mathematics, closing the door on opportunities and re-directing a student's future. Edley challenged the educational system to change its structure to improve the probability of student success, opening pathways to STEM coursework, graduation and careers.

Attachment 18 Item 2.1.3 Page 6 of 6 November 2018 AMS ECBT

"Panel on Next Steps -- Equity and Policy"

Helen Grundman (AMS), Manmohan Kaur (Benedictine University), Nichole Lindgren (TODOS), Karoline Pershell (AWM), Karen Saxe (AMS), Nathaniel Whitaker (UMass, Amherst).

Helen Grundman moderated the panel. Each panelist described their own background and affiliation and then held a discussion in response to the afternoon presentations by Jake Steel (U.S. Department of Education) and Christopher Edley, Jr. (Opportunity Institute).

The panel answered questions on the advancement of STEM education through institutional changes and faculty accommodations to create open and fair educational structures. Members of the panel discussed the foundational pathways in education at the K-12 level that connected to the expansion of STEM education at the undergraduate level. Panelists discussed the variation of educational equity in mathematics and provided resolutions for department faculty and policy makers to participate as gatekeepers to further education in science, technology, engineering, and mathematics.

"What Math Do We Want Non-STEM College Majors to Know"

Manil Suri (University of Maryland, Baltimore County), presented ideas on how to bring mathematics to a broader community and advocated for a restructuring of our education system. Specifically, he discussed rethinking the mathematics general education requirements for students who will not benefit from those courses. He emphasized the use of cross-disciplinary courses focusing in on a narrative-based approach through subjects like art integration. He highlighted the importance of adding "A" into STEM. The STEAM approach would help non-STEM students have a better understanding of mathematics, which could have broader implications in informal math education and outreach and aid in academic success for students.

Karen Saxe Associate Executive Director for Government Relations October 2018

BOARD OF TRUSTEES STANDING COMMITTEES

AGENDA AND BUDGET COMMITTEE (charge)

(as of February 1, 2019)

Jill Pipher, Chair (ex officio - President)

Jane Hawkins (ex officio - Treasurer)

Zbigniew Nitecki (ex officio - Associate Treasurer)

Carla Savage (ex officio - Secretary)

Bryna Kra (ex officio - Chair of BT)

AUDIT AND RISK COMMITTEE (charge)

(as of February 1, 2019)

Jane Hawkins, Chair (ex officio - Treasurer)

Ralph Cohen (ex officio – third-year Trustee/incoming Chair of BT)

Bryna Kra (ex officio - Chair of BT)

Zbigniew Nitecki (ex officio – Associate Treasurer)

INVESTMENT COMMITTEE (charge)

(as of February 1, 2019)

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, 2019)

Jill Pipher, Chair (ex officio - President)

Jane Hawkins (ex officio - Treasurer)

Bryna Kra (ex officio - Chair of BT)

Carla Savage (ex officio - Secretary)

RETIREMENT PLAN INVESTMENT COMMITTEE (charge)

(as of February 1, 2019)

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

Denise Lima (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, 2019)

Jane Hawkins, Chair (ex officio - Treasurer)

Bryna Kra (ex officio - Chair of BT)

Zbigniew Nitecki (ex officio - Associate Treasurer)

Attachment 26 Item 3.7 Page 2 of 4 November 2018 AMS ECBT

EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES STANDING COMMITTEES

DEVELOPMENT COMMITTEE (charge)

(as of February 1, 2019)

Joseph Silverman, Chair (ex officio – fifth-year Trustee)

Jane Hawkins (ex officio - Treasurer)

Bryna Kra (ex officio - Chair of BT)

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, 2019)

Jill Pipher, Chair (ex officio - President)

Ralph Cohen (ex officio – third-year Trustee/incoming Chair of BT)

Henry Cohn (ex officio - second-year member of EC)

Jane Hawkins (ex officio - Treasurer)

Bryna Kra (ex officio - Chair of BT)

Catherine Roberts (ex officio - Executive Director)

Carla Savage (ex officio - Secretary)

Ravi Vakil (ex officio - third-year member of EC)

ECBT NOMINATING COMMITTEE (charge)

(as of February 1, 2019)

Ralph Cohen, Chair (ex officio - third-year member of BT)

Ravi Vakil (ex officio - third-year member of EC)

Tara Holm (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 2019 (February 1, 2019 – January 31, 2020)¹

COMMITTEE ON EDUCATION

Ralph Cohen (third-year Trustee)

Next Meeting: October 24-26, 2019 (Thursday-Saturday) in Washington, DC

Current Members/Committee Charge:

www.ams.org/about-us/governance/committees/comm-all.html#COE

Committee Web Page: www.ams.org/about-us/governance/committees/coe-home

Staff Liaison: Karen Saxe

COMMITTEE ON MEETINGS AND CONFERENCES

Judy Walker (second-year Trustee)

Next Meeting: March 9, 2019 (Saturday) in Chicago, IL

Current Members/Committee Charge:

www.ams.org/about-us/governance/committees/comm-all.html#MTGSCONFS

Committee Web Page: www.ams.org/about-us/governance/committees/comc-home

Staff Liaison: Chris Stevens

COMMITTEE ON THE PROFESSION

Matthew Ando (first-year Trustee)

Next Meeting: September 21-22, 2019 (Saturday-Sunday) in Providence, RI

Current Members/Committee Charge:

www.ams.org/about-us/governance/committees/comm-all.html#COPROF

Committee Web Page: www.ams.org/about-us/governance/committees/cprof-home

Staff Liaison: Chris Stevens

COMMITTEE ON PUBLICATIONS

Bryna Kra (fourth-year Trustee)

Next Meeting: September 20-21, 2019 (Friday-Saturday) in Providence, RI

Current Members/Committee Charge:

www.ams.org/about-us/governance/committees/comm-all.html#CPUB

Committee Web Page: www.ams.org/about-us/governance/committees/cpub-home

Staff Liaison: Sergei Gelfand

COMMITTEE ON SCIENCE POLICY

Joseph Silverman (fifth-year Trustee)

Next Meeting: April 15-16, 2019 (Monday-Tuesday) in Washington, DC

Current Members/Committee Charge:

www.ams.org/about-us/governance/committees/comm-all.html#CSP

Committee Web Page: www.ams.org/about-us/governance/committees/csp-home

Staff Liaison: Karen Saxe

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.

TRUSTEE LIAISON ASSIGNMENTS TO DIVISIONS FOR 2019

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