AMS American Mathematical Society

Advancing research. Creating connections.

Council Agenda

January 15, 2019

Hilton Baltimore
Holiday Ballroom 4-6, 2nd Floor
Baltimore, MD

1:30 p.m. (EST)

Prepared December 18, 2018

AMERICAN MATHEMATICAL SOCIETY

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Several items will be discussed in Executive Session and Council will decide at the beginning of the meeting when this Executive Session will take place. President Ribet and Secretary Savage ask Council members to read the agenda before the meeting begins (as there will not be time during the meeting itself to go through the material carefully) and that all motions and amendments offered during the meeting be written out by the proposer.

There will be a refreshment break around 3:30 p.m. In addition, there will be a Council dinner at 6:30 p.m. in KEY BALLROOM 12 on the 2nd Floor of the Hilton Baltimore).

Please bring this agenda to the meeting or download it to your device. No additional copies will be available and there will not be internet access in the meeting room.

Conflict of Interest Policy for Officers and Committee Members

(as approved by the January 2007 Council)

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

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

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

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

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

AMS Policy on a Welcoming Environment

(as approved by the January 2015 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, or veteran 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:

`www.ams.org/about-us/governance/policy-statements/anti-harassment-policy`.

Contents

Attachments

1 Call to Order

1.1 Opening of the Meeting and Introductions

1.2 Conflict of Interest Policy

The *Conflict of Interest Policy for Officers and Committee Members* is included as front-matter at the beginning of this agenda. Council members are asked to alert the President and the Secretary to any agenda items with which they may have a conflict of interest.

1.3 2018 AMS Elections

The Society conducted its annual elections in the fall 2018. Except for the new members of the Nominating Committee, those elected will take office on February 1, 2019. The newly elected members of the Council, the Editorial Boards Committee, the Nominating Committee, and the Board of Trustees are listed under Item 4.1.

1.4 List of Council Members

A list of current Council members can be found in Attachment A and a list of Council members effective February 1, 2019 can be found in Attachment B. The Secretary recommends that the newly elected Council members who are present be granted privileges of the floor (but without voting privileges) at this Council meeting.

1.5 Retiring Members

The following terms will end on January 31, 2019: Kenneth Ribet[1] as President; Jill Pipher[2] as President Elect; Richard Schoen as Vice President; Henry Cohn[3], Alicia Dickenstein, Anna Mazzucato, and Alan Reid as Council Members at Large; and Andreas Frommer as Chair of the *Mathematical Reviews* Editorial Committee. Jesús De Loera's term as a member of the Executive Committee will end on February 28, 2019. This will be their final Council meeting in their current positions. The Secretary requests unanimous consent to send thanks to each of them for sharing their wisdom with the Society and the Council and for their service to the mathematical community.

[1] Ribet will remain on the Council as Immediate Past President
[2] Pipher will remain on the Council as President
[3] Cohn will remain on the Council as a Representative to the Executive Committee

2 Minutes

2.1 April 2018 Council Meeting

The April 2018 Council Minutes were distributed by mail on July 10 and posted on the AMS website. No corrections were suggested.

For approval.

2.2 May 2018 and November 2018 Executive Committee and Board of Trustees Meeting

The ECBT met in May and again in November in Providence, Rhode Island. The May 2018 ECBT Minutes have been distributed and the minutes of the November meeting will be distributed before or shortly after the Council meeting. These are considered part of the minutes of the Council.

For information.

3 Consent Agenda

Items on the Consent Agenda will be considered approved unless brought to the floor for discussion, in which case they must be approved in the ordinary manner.

4 Reports of Boards and Standing Committees

4.1 Tellers' Report on the 2018 Elections [Executive Session]

The Society conducted its annual elections in the fall 2018. The report of the Tellers is attached to the Executive Session Agenda.

4.1.1 Tellers' Report on the Elections of Officers

Those elected will take office on February 1, 2019. Terms of the newly elected Vice President and the Members at Large of the Council are three years, and the term of the Trustee is five years. The newly elected officers are:

Vice President
Abigail Thompson, University of California, Davis

Members at Large
Dan Freed, University of Texas at Austin
Susan Loepp, Williams College
Kasso A. Okoudjou, University of Maryland & MIT
Maria Cristina Pereyra, University of New Mexico
Melanie Matchett Wood, University of Wisconsin

Trustee
Matthew Ando, University of Illinois at Urbana-Champaign

4.1.2 Tellers' Report on the Elections to the Nominating Committee

The following people were elected to the AMS Nominating Committee. Their terms of office are January 1, 2019 - December 31, 2021.

Sami H. Assaf, University of Southern California
Rebecca Garcia, Sam Houston State University
Deane Yang, Courant Institute, NYU

4.1.3 Tellers' Report on the Elections to the Editorial Boards Committee

The following were elected to the Editorial Boards Committee. Their terms of office are February 1, 2019 - January 31, 2022.

Ian Agol, University of California at Berkeley
Terence Tao, University of California at Los Angeles

4.2 Executive Committee and Board of Trustees

4.2.1 Appointments of AMS Officers [Executive Session]

Recommendations by the Executive Committee and Board of Trustees (ECBT) concerning the appointments of two Associate Secretaries and the Associate Treasurer will be considered in the Executive Session. Two searches will also be announced.

4.2.2 Dues Level for the 2020 Membership Year [Executive Session]

4.2.3 Pi Mu Epsilon

Pi Mu Epsilon (PME) is an organization "dedicated to the promotion of mathematics and recognition of students who successfully pursue mathematical understanding." It is informally known

as the honor society for undergraduate math majors. PME holds its national meeting in conjunction with MathFest, the summer meeting of the Mathematical Association of America (MAA). A highlight of MathFest is the PME banquet and awards ceremony where cash prizes are awarded to outstanding student presenters.

In 2018, sixteen students received Pi Mu Epsilon Speaker Awards, funded by the American Mathematical Society, the American Statistical Association, and the Budapest Semesters in Mathematics for Excellence in Student Exposition or Research. Each winner received a $150 cash prize.

A formal relationship between AMS and PME was initially approved by the AMS Council in 1989, although what was intended then is not what is described above. The following is from the January 1989 Council minutes:

> 4.22 Pi Mu Epsilon (PME). (11/88 ECBT MINUTES Item 8.5) Pi Mu Epsilon will officially celebrate its Diamond Jubilee during the August 7-10, 1989, Joint Mathematics Meetings in Boulder, CO. PME plans more extensive scientific and social programs than usual, and will be asking both AMS and MAA to cosponsor several events on their program. The ECBT recommended to the Council that, on the occasion of PME's Diamond Jubilee, the Society establish and fund an annual prize to be administered by PME. The only stipulation is that the name of the AMS be associated with the prize. The Council passed the following motion:
>
> The 01/89 COUNCIL of the American Mathematical Society establishes an annual prize to be administered by Pi Mu Epsilon with the stipulation that the name of the AMS be associated with the prize.
>
> The Secretary has communicated to the President of PME this action of the Council.

PME never followed this original intent, which was to establish one larger prize from the AMS. They instead use the money to fund several small awards (originally $100 each and now $150 each). In 1997, Executive Director John Ewing tried to persuade PME to honor the AMS's original intent, but to no avail.

The ECBT recommends that the Council vacate the 1989 resolution to establish a single AMS-PME prize. The Executive Director is advised to monitor the Society's donations to PME to ensure they are properly attributed to the AMS and are used to benefit undergraduate students engaging in mathematical research.

For approval.

4.2.4 The Role of the Executive Committee in Approving Prizes

The Executive Committee of the Council (EC) meets twice a year, just prior to every regular ECBT meeting. At its meeting in Providence on November 17, 2018, in addition to other business, the EC discussed two issues related to the role of EC in appoving prizes. Since this authority is delegated to the EC by the Council, the items are included here for information.

(1) How engaged should the EC be in the approval process?

Current practice: According to the charge to the EC, the August 1975 Council delegated power to "Approve winners of prizes, such as Bôcher, Cole, Veblen, Birkhoff, Wiener, and Steele, on

recommendation by the appropriate selection committees." Quoting further from the EC charge, "The Executive Committee has instructed selection committees to deliberate and then report its recommendations to the Executive Committee." This instruction is recorded in the January 2006 Council minutes, Item 4.2.8, as follows:

> "In Fall 2005 the Steele Prize Selection Committee strongly objected to having to react to Executive Committee (EC) comments about its short list of candidates. Similar objections have arisen occasionally in the past, but the process has been maintained, in part because it provides certain protections, including the protection against duplication of awards to a single person by different prize committees. The Executive Committee recommended that the process be changed so that in future, after completing its deliberations, a prize selection committee simply report its recommendations to the EC. The expectation is that the EC would accept the report of the selection committees, except in unusual circumstances, such as awarding of a prize to a single person by independently operating selection committees. The Council approved the EC recommendation in January 2006."

In the November 2018 EC discussion it was noted that if the recommendations for all prizes in a given year could be sent to the EC at the same time, the EC would have a better overview of the field of candidates before making its decisions. The Secretary's office will implement this to the extent possible for the next prize season.

For information and possible discussion.

(2) Does the EC wish to revise or update its 2002 statement on splitting prizes?

Current Practice: The AMS Executive Committee adopted a statement in 2002 discouraging the splitting of prizes. In accordance with that statement, prize selection committees are instructed by the Secretary as follows: "The Executive Committee has directed that insofar as possible an AMS prize should not be split among several parties but instead be granted to a single individual or team."

In the EC discussion differing views about splitting prizes were expressed, diversity considerations were mentioned, but ultimately no action was taken.

For information and possible discussion.

4.2.5 Long Range Planning Committee

The Long Range Planning Committee (LRPC) offers a forum for discussion of long range issues and planning. Its membership represents the AMS's main governing bodies and the Executive Director, making it uniquely positioned to consider issues that fall outside the purview of other bodies or that cut across several committees. It meets twice a year, just prior to every regular ECBT meeting.

At its meeting in Providence on November 16, 2018, the LRPC discussion focused on planning for JMM 2022 and beyond and on an enhanced role for the Committee on Education in the Society's educational programs and activities. More on these items appear later in the agenda.

For information.

4.3 Editorial Boards Committee [Executive Session]

Council appoints Chairs of those committees with representation on Council. The Editorial Boards Committee (EBC) has a recommendation for one appointment.

4.4 Committee on Education

The Committee on Education (CoE) met in Washington, D.C. on October 11 - 13, 2018. The CoE annual report is attached (Attachment C), which the Council is asked to file. Ravi Vakil, CoE chair, has been invited to provide an oral report, with time for discussion.

For information and possible discussion.

4.5 Committee on Science Policy

The Committee on Science Policy (CSP) met in Washington, D.C. on April 10 - 11, 2018. The CSP annual report is attached (Attachment D), which the Council is asked to file. Scott Wolpert, CSP Chair, has been invited to provide an oral report, with time for discussion.

For information and possible discussion.

4.6 Committee on Meetings and Conferences

The Committee on Meetings and Conferences (CoMC) met in Providence on March 24, 2018. The CoMC annual report is attached (Attachment E), which the Council is asked to file. Rebecca Garcia, CoMC Chair has been invited to provide an oral report, with time for discussion.

For information and possible discussion.

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

4.6.1 Childcare Grants at Sectional Meetings

At its meeting in March 2017, CoMC asked staff to look into the possibility of offering childcare grants at Sectional meetings. The Meetings and Conferences Department (MCD) distributed a survey about child care grants to those who participated in Fall 2017 Sectional meetings. The results indicated that between 20 and 44 percent of the respondents would apply for such grants if they were offered.

CoMC recommends that Council ask the MCD staff to develop a plan for childcare grants at Sectional Meetings.

For approval.

4.6.2 Proposed Change to the AMS Policy on a Welcoming Environment

The AMS Policy on a Welcoming Environment can be found here:

`https://www.ams.org/about-us/governance/policy-statements/welcoming-environment-policy`

Both the Committee on Meetings and Conferences (CoMC) and the Committee on the Profession (CoProf) recommend adding "immigration status" to the list in the last sentence of the first paragraph of the AMS Policy on a Welcoming Environment, so that the first paragraph would read:

> 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**.

For approval.

4.7 Committee on the Profession

The Committee on the Profession (CoProf) met in Chicago, on September 15 - 16, 2018. The CoProf annual report is attached (Attachment F), which the Council is asked to file. Fadil Santosa, CoProf chair, has been invited to provide an oral report. T. Christine Stevens will report on his behalf.

For information and possible discussion.

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

4.7.1 Creation of a Prize Oversight Committee (POC)

The current POC is a standing subcommittee of CoProf. At its meeting in 2017, CoProf charged the POC with making recommendations about how to increase the number of nominations of women and underrepresented minorities for major AMS awards and Fellowships. The POC reported to CoProf at its 2018 meeting and from the discussion came the following recommnendation.

CoProf recommends to Council the 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. The charge of this committee would include the following:

- oversee all prize and award-related aspects of CoProf's charge (including the AMS Fellows program)
- develop and implement a program to recruit larger, more diverse pools of nominees
- recommend programs to enhance the diversity of awardees and Fellows.

It is intended that this be a regular AMS committee reporting directly to the Council, not a subcommittee of CoProf.

For discussion and possible action.

4.7.2 Birman and Centennial Fellowship Guidelines

The charge to the Fellows Selection Committee stipulates that "current members of the Selection Committee may not participate in a Fellows nomination either as a principal nominator or as a supporting member." CoProf considered whether to add such a line to the Birman Selection Committee Charge and to the Centennial Selection Committee Charge.

CoProf recommends to Council that the following phrase be added to the Principal Activities section of the respective charges:

> Committee members may not serve as reference writers for Birman (respectively, Centennial) Fellowship applicants.

For approval.

4.7.3 William Lockwood Forster Memorial Award Fund

The Development Committee has been engaged in discussion with a potential donor who wishes to create a scholarship for undergraduates. The selection process would be modeled on that of the Waldemar J. Trjitzinsky Memorial Awards, under which institutional members of the AMS are asked to select the awardees.

At its meeting in November 2017, the ECBT approved the creation of the William Lockwood Forster Memorial Award Fund, with the stipulation that CoProf recommend and the Council approve a prize description.

CoProf approved the following description for the William Lockwood Forster Memorial Award and recommends that Council do the same:

> The William Lockwood Forster Award assists undergraduate students who have declared a major in mathematics at a college or university that is an AMS institutional member, and who may be in danger of not completing the degree program in mathematics for financial reasons.
>
> Each year the Society selects a number of geographically distributed schools which in turn make one-time awards to mathematics students to assist them in pursuit of careers in mathematics.
>
> The award honors William Lockwood Forster, who was born in Colorado in the late 1920s and graduated from Hollywood High School in Los Angeles, with the dream of pursuing mathematics. However, due to family financial circumstances, he instead worked in the oil industry and enjoyed his family and a successful career.

For approval.

4.7.4 Corporate Membership

AMS staff recommended to CoProf that Corporate Membership be updated for reasons outlined in Attachment G. AMS membership privileges must be approved by Council.

CoProf recommends the following to the Council:

The privileges of Corporate Membership are as follows:

1. One complimentary subscription to each of the following: Notices of the American Mathematical Society and Abstracts of Papers Presented to the American Mathematical Society.
2. A limited number of complimentary Corporate Representative Memberships (regular individual membership)
3. Member rate registration at an AMS meeting for any employee.
4. Discounts on AMS products and services, such as MathSciNet, AMS Books and Journals, eBook Collections, advertising in AMS publications, job postings, mailing list rentals, and the Employment Center at the Joint Mathematics Meetings.

For approval.

4.7.5 Committee on Professional Ethics (COPE)

A CoProf subcommittee was asked to review the role of COPE, and in particular, the following:

- Ethical Guidelines of the American Mathematical Society
  `http://www.ams.org/about-us/governance/policy-statements/sec-ethics`
- Charge to the AMS Committee on Professional Ethics
  `http://www.ams.org/about-us/governance/profethics-charge.pdf`
- COPE Procedures Manual
  `http://www.ams.org/about-us/governance/policy-statements/copemanual.pdf`

There was concern that these three documents give the impression that COPE has authority, expertise, and resources that, in fact, it does not have.

The subcommittee presented the following two recommendations to CoProf, which CoProf now recommends to Council:

Recommendation 1. That COPE no longer be charged with enforcement of ethical guidelines, investigating violations, mediating disputes, etc.

The subcommittee proposed the following COPE charge:

- *Advising AMS governance and staff on ethics policy and concerns;*
- *Fostering awareness of ethical issues and promoting ethical behavior amongst individuals and institutions working within the field of mathematics by recommending policies and/or educational programs;*

- *Maintaining the AMS Ethical Guidelines, including reviewing the guidelines, recommending updates to Council, and offering high level interpretations.*

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

No change is proposed to the number of committee members (6) or to the terms (3 years). If this charge is approved, the current COPE Procedures Manual, which focuses entirely on enforcement, would no longer be needed.

For approval.

Recommendation 2. That the changes in Attachment H, highlighted in yellow, be made to the ETHICAL GUIDELINES OF THE AMERICAN MATHEMATICAL SOCIETY.

These changes were intended to remove language that gives the impression that the AMS has the authority, expertise, and resources to enforce the guidelines. We hope that if the new COPE charge is adopted then COPE will undertake a further review of the GUIDELINES to ensure they reflect current concerns and practice.

For approval.

4.7.6 Site Visit Program to Improve the Department Climate for Women and Minorities

At its September 2016 meeting, CoProf unanimously approved forming a subcommittee to continue to study the possibility of creating a site visit program to evaluate the climate for women and minorities in mathematics departments. The subcommittee was formed and a preliminary report was presented at the September 2018 meeting of CoProf (Attachment I). It was noted that the proposal in the attachment was not sufficiently detailed to be sent to the Council and that ECBT would need to approve such a program. It was also suggested that the Audit and Risk Committee should review it. CoProf approved a resolution saying that it supports continuing to develop this program and it appreciates any comments from the Council. CoProf wants to get Council's input before drafting a specific proposal for it to consider.

For discussion.

4.8 Committee on Publications

The Committee on Publications (CPub) met in Chicago on September 14 - 15, 2018. The CPub annual report is attached (Attachment J), which the Council is asked to file. Claudia Polini, CPub Chair, has been invited to provide an oral report. Sergei Gelfand will report on her behalf.

For information and possible discussion.

In addition, CPub has the following item for Council consideration.

4.8.1 Journal of the AMS Editorial Committee Charge

The charge to the Journal of the AMS Editorial Committee contains the following:

> General Description
>
> - Committee is standing
> - Number of members is approximately six
> - Term is four years

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 committee from six to seven. CPub approved a recommendation to Council, to update the Journal of the AMS Editorial Committee Charge General Desciption, to reflect this increase.

CPub recommends that Council approve changing the Journal of the AMS Editorial Committee Charge General Description from "Number of members is approximately six" to "Number of members is approximately seven."

For approval.

4.9 Mathematical Reviews Editorial Committee

The *Mathematical Reviews* Editorial Committee (MREC) met in Ann Arbor, Michigan on October 8, 2018. The MREC annual report is attached (Attachment L), which the Council is asked to file. Andreas Frommer, MREC Chair, has been invited to provide an oral report, with time for discussion. Edward Dunne will report on his behalf.

For information and possible discussion.

4.10 Fellows Selection Committee

The Fellows Selection Committee completed its work of selecting the AMS Fellows for 2019. The committee's annual report is attached (Attachment K), which the Council is asked to file. There are two items of business for Council.

4.10.1 Fellows Program Nomination Form

Each nomination for the AMS Fellows program requires supporting statements from three current members of the AMS. After being identified by the nominator, those individuals are asked to confirm their support and explain in a sentence or two why they are supporting this nomination. Sometimes the text box for that statement is left blank. In response to a request from the AMS Fellows Selection Committee, CoProf relays the following request to the Council:

> We recommend the AMS further highlight the importance of the three support statements. We suggest that the field where supporters are supposed to put their statement say "DO NOT LEAVE BLANK" when they open the web page to submit their support

for a nomination. The fact that these statements are so short can make them even more revealing than the nomination letter. Giving further guidance (e.g., on the nomination page) on what is expected could be worthwhile, as these tend to vary greatly in style, depth and level of detail.

For discussion and possible action.

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

Each year the January Council must provide a guideline for the number of Fellows to be selected that year. Attachment M includes two documents regarding the number of Fellows, the number of new nominations received each year, the number of nominations reviewed by the selection committee, and a third document that describes the Fellows program process.

In particular, Item I.C, and Footnotes 1 and 5 of that document state that the target number of Fellows is determined by the AMS Council as a percentage of the membership. The Proposal's recommendation to Council is that the target be about 5% of members, to be attained over the first ten years of the program, and that the target percentage be revisited by Council at least once every ten years. It might be increased or decreased in light of the history of the nomination and selection process.

It was anticipated that during a transition period of approximately ten years about 75 new Fellows would be appointed each year. This assumption was based on a membership total of 30,000, on the prediction that the seeding process would result in an inaugural class of about 800 Fellows, and on the assumption of an attrition of about 40 Fellows per year.

There are currently 27,983 members projected for 2018, 1393 of whom are Fellows. The Secretary asked the Executive Committee (EC) to recommend a number to the Council as the guideline for the election of new Fellows in 2019, the seventh year of the transition period.

The EC recommends to the Council that the target number of Fellows selected in 2019 for the Class of 2020 be set at 45-60.

For approval.

4.11 Joint Policy Board for Mathematics

The Executive Director will report on behalf of the AMS representatives to the Joint Policy Board for Mathematics.

4.12 Young Scholars Committee

The 2018 annual report of this committee is attached (Attachment N), which the Council is asked to file.

4.13 AMS Representatives to the Mathematical Council of the Americas

The 2018 annual report of these representatives is attached (Attachment O), which the Council is asked to file.

4.14 Arnold Ross Lecture Committee

The 2018 annual report of this committee is attached (Attachment P), which the Council is asked to file.

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

The 2018 annual report of this committee is attached (Attachment Q) which the Council is asked to file.

4.16 Fan Fund Committee

The 2018 annual report of this committee is attached (Attachment R), which the Council is asked to file.

4.17 Joint Committee on Women

The 2018 annual report of this committee is attached (Attachment S), which the Council is asked to file.

4.18 Committee on Professional Ethics

The 2018 annual report of this committee is attached (Attachment T), which the Council is asked to file.

4.19 AMS-ASA-MAA-SIAM Data Committee

The 2018 annual report of this committee is attached (Attachment U), which the Council is asked to file.

4.20 Library Committee

The 2018 annual report of this committee is attached (Attachment V), which the Council is asked to file.

4.21 Mathematics Research Communities Advisory Board

The 2018 annual report of this committee is attached (Attachment W), which the Council is asked to file.

4.22 Committee on Women in Mathematics

The 2018 annual report of this committee is attached (Attachment X), which the Council is asked to file.

5 Old Business

5.1 Committee on the Human Rights of Mathematicians

The charge to the Committee on Human Rights of Mathematicians is attached (Attachment Y).

In October 2017, as part of its annual review, CoProf recommended changes to the charge of the Committee on the Human Rights of Mathematicians (CHRM). At its meeting in January 2018, the Council did not approve the revised charge. CoProf then appointed a subcommittee to formulate a response to the Council's concerns and explain why the Council should adopt the charge (after making a few minor changes in it.) The subcommittee's response is attached (Attachment Z).

After some discussion and further editing of the charge, **CoProf voted to recommend to Council the following substitution for the "Principal Activities" section:**

> **Principal Activities**
>
> The AMS is committed to speaking whenever mathematicians are deprived of the opportunity to practice their profession due to violations of the freedoms enumerated in the Universal Declaration of Human Rights (http://www.un.org/en/universal-declaration-human-rights/) and the Affirmation[1] adopted by the U.S. National Academy of Sciences. This Committee will assist the Society in such matters by reviewing alleged violations of human rights of mathematicians and by recommending appropriate action to the AMS. For this purpose, a mathematician is a person professionally engaged in a mathematical science (such as pure mathematics, applied mathematics, mathematical statistics, computer science, or operations research) or trained for such activity.
>
> The Committee should arrive at recommendations for action using common sense, any source of information available, and the advice of organizations which have had extensive experience in human rights cases such as the International League for the

Rights of Man and Amnesty International. Some examples of recommendations that the Committee might make include (but are not limited to):

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

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

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

For approval.

6 New Business

6.1 Speaking in the Name of the Society: Proposed Bylaw Change

The AMS bylaws give the Council limited authority to speak in the name of the society but only after following the procedure prescribed in Article IV, Section 8 (Attachment AA).

Laszlo Babai, AMS lifetime member, requests that the Council consider amending the bylaws to permit the AMS to quickly react to human rights or other urgent concerns. In such cases, time is of the essence.

As Babai writes,

> "A recent case illustrates the AMS's current inability to do so. In the morning of November 16, 2018, Turkish police arrested Betül Tanbay, former president of the Turkish Mathematical Society and Vice-President-elect of the European Mathematical Society (EMS). She is reportedly accused of having been involved in the nationwide Gezi park protest in 2013 (5 years ago). The same day, Nov 16, the EMS issued a strongly worded protest that begins with the words "The European Mathematical Society is outraged ...". Three days later (Nov 19), a statement appeared on the AMS News site. Here is the first paragraph of that statement: "The Board of Trustees, the Committee on Human Rights of Mathematicians, and the Executive Committee of the Council of the American Mathematical Society deplore the detention of our colleague Betül Tanbay in Turkey." This sounds like the AMS does not have the spine to stand up for Tanbay, it hides behind three of its committees. This makes the protest much less effective, it is in effect unquotable by the Press. It is a blemish on the reputation

> of the AMS. The AMS must be able to stand up for human rights of mathematicians, and this is the goal of the proposed amendment."

According to Article XIII of the AMS bylaws, upon Council's recommendation, a proposed amendment could be placed on the ballot for the 2019 AMS Election. It would require a two-thirds majority (with 10% of AMS membership voting) to pass.

Babai, in consultation with other Council members has suggested that the following clause be added to Article IV Section 8 of the bylaws:

> If the President and the Secretary agree that a statement in the name of the Society is urgently needed and waiting for the next meeting of the Council would greatly reduce the impact of the statement, then the Secretary shall communicate the proposed statement to the Council (making a good-faith effort to reach all members) and hold a vote, allowing at least one day for votes to be received after the communication. If favorable votes are received from at least two-thirds of the entire membership of the Council, and no more than one vote against it is received, then the statement will be made in the name of the Society.

The purpose of the "no more than one vote against" clause (as opposed to "no vote against") serves to offer a degree of protection of the privacy of the members of the Council. In the above case, for instance, a member of the Council with ties to Turkey could face repercussions if that member had veto power and failed to exercise it. For this reason, no member should have veto power over such a statement.

With the sugggested change the bylaws would read:

> **Article IV**
> **Council**
>
> **Section 8.** The Council shall also have power to speak in the name of the Society with respect to matters affecting the status of mathematics or mathematicians, such as proposed or enacted federal or state legislation; conditions of employment in universities, colleges, or business, research or industrial organizations; regulations, policies, or acts of governmental agencies or instrumentalities; and other items which tend to affect the dignity and effective position of mathematics.
>
> **With the exceptions noted in the next two paragraphs**, a favorable vote of two-thirds of the entire membership of the Council shall be necessary to authorize any statement in the name of the Society with respect to such matters. With the exception noted in the next paragraph, such a vote may be taken only if written notice shall have been given to the secretary by the proposer of any such resolution not later than one month prior to the Council meeting at which the matter is to be presented, and the vote shall be taken not earlier than one month after the resolution has been discussed by the Council.
>
> If, at a meeting of the Council, there are present twelve members, then the prior notification to the secretary may be waived by unanimous consent. In such a case, a unanimous favorable vote by those present shall empower the Council to speak in the name of the Society.
>
> **If the President and the Secretary agree that a statement in the name of the**

> **Society is urgently needed and waiting for the next meeting of the Council would greatly reduce the impact of the statement, then the Secretary shall communicate the proposed statement to the Council (making a good-faith effort to reach all members) and hold a vote, allowing at least one day for votes to be received after the communication. If favorable votes are received from at least two-thirds of the entire membership of the Council, and no more than one vote against it is received, then the statement will be made in the name of the Society.**
>
> The Council may also refer the matter to a referendum of the entire membership of the Society and shall make such reference if a referendum is requested, prior to final action by the Council, by two hundred or more members. The taking of a referendum shall act as a stay upon Council action until the votes have been canvassed, and thereafter no action may be taken by the Council except in accordance with a plurality of the votes cast in the referendum.

A motion and second that the proposed amendment be placed on the ballot for the 2019 AMS Election would open this item for discussion and vote.

For discussion and possible action

6.2 Executive Director Report

AMS Executive Director Catherine Roberts has been invited to report.

For information.

7 Announcements, Information and Record

7.1 Budget

The Board of Trustees adopted the 2019 budget as presented at its November 16 - 17, 2018 meeting.

7.2 Executive Committee Actions

Upon the recommendation of Susan Friedlander, Chief Editor of the *Bulletin*, the Executive Committee approved the appointments of Ulrike Tillmann (University of Oxford) and Herwig Hauser (University of Vienna) to the *Bulletin* Editorial Board for Articles for two years (February 1, 2019 - January 31, 2021).

7.3 Next Council Meeting

The next AMS Council Meeting will be held Saturday, April 6, 2019, in Chicago, starting at noon with a working lunch. As usual, a significant component of the Council meeting will be the actual nomination of candidates for the fall 2019 election to AMS offices, as proposed by the Nominating Committee.

In addition, time will be allocated for a Council discussion on 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?

The Council discussions were started in 2002. Recent discussion topics have been: MathSciNet: Is it still a competitive product? What can be done to make it more valuable to mathematicians? (2014); AMS Membership: Is it still relevant for mathematicians? (2015); One of the initiatives in the AMS Strategic Plan is to publish more mathematics content. What form might this take and how might it be implemented? (2016); What is the AMS doing about education? What should the AMS be doing about education? (2017); The composition of AMS editorial boards and the role of the Editorial Boards Committee (EBC) (2018).

7.4 Future Scientific and Governance Meetings

See the listing of future meetings in Attachment AB.

8 Adjournment

For approval.

ATTACHMENTS

2018 AMS GOVERNANCE

2018 COUNCIL

Officers

President	Kenneth A. Ribet	University of California, Berkeley	31 Jan 2019
President Elect	Jill C. Pipher	Brown University	31 Jan 2019
Vice Presidents	Richard Schoen	University of California, Irvine & Stanford University	31 Jan 2019
	David Jerison	MIT	31 Jan 2020
	Ken Ono	Emory University	31 Jan 2021
Secretary	Carla D. Savage	North Carolina State University	31 Jan 2021
Associate Secretaries	Georgia Benkart	University of Wisconsin	31 Jan 2020
	Brian D. Boe	University of Georgia	31 Jan 2021
	Michel Lapidus	University of California, Riverside	31 Jan 2020
	Steven H. Weintraub	Lehigh University	31 Jan 2021
Treasurer	Jane M. Hawkins	University of North Carolina	31 Jan 2021
Associate Treasurer	Zbigniew Nitecki	Tufts University	31 Jan 2020

Representatives of Committees

Bulletin	Susan J. Friedlander	Univ. of Southern California	31 Jan 2021
Colloquium	Peter Sarnak	Princeton Univ.	31 Jan 2021
Executive Committee	Jesús A. De Loera	Univ. of California, Davis	28 Feb 2019
Journal of the AMS	Sergey Fomin	Univ. of Michigan	31 Jan 2021
Math Reviews	Andreas J. Frommer	Bergische Universität Wuppertal	31 Jan 2019
Math Surveys & Monographs	Robert M. Guralnick	Univ. of Southern California	31 Jan 2022
Mathematics of Computation	Susanne C. Brenner	Louisiana State Univ.	31 Jan 2020
Proceedings of the AMS	Matthew A. Papanikolas	Texas A&M Univ.	31 Jan 2022
Transactions and Memoirs	Alejandro Adem	Univ. of British Columbia	31 Jan 2021

Members at Large

Henry Cohn	Microsoft Research New England & MIT	31 Jan 2019
Alicia Dickenstein	University of Buenos Aires	31 Jan 2019
Anna Mazzucato	Pennsylvania State University	31 Jan 2019
Alan William Reid	Rice University	31 Jan 2019
Nathan M. Dunfield	University of Illinois, Urbana-Champaign	31 Jan 2020
Gregory F. Lawler	University of Chicago	31 Jan 2020
Irina Mitrea	Temple University	31 Jan 2020
Ravi Vakil	Stanford University	31 Jan 2020
Talitha M. Washington	Howard University	31 Jan 2020
Erika T. Camacho	Arizona State University	31 Jan 2021
Victor Reiner	University of Minnesota	31 Jan 2021
Brooke Shipley	University of Illinois, Chicago	31 Jan 2021
Gigliola Staffilani	Massachussetts Insititute of Technology	31 Jan 2021
Anthony Várilly-Alvarado	Rice University	31 Jan 2021

2018 EXECUTIVE COMMITTEE

Jesús A. De Loera	University of California, Davis	28 Feb 2019
Alejandro Adem	University of British Columbia	28 Feb 2020
Ravi D. Vakil	Stanford University	28 Feb 2021
Henry Cohn	Microsoft Research New England & MIT	28 Feb 2022
Jill Pipher	Brown University	*ex officio*
Kenneth A. Ribet	University of California, Berkeley	*ex officio*
Carla D. Savage	North Carolina State University	*ex officio*

2018 TRUSTEES

Robert Lazarsfeld	Stony Brook University	31 Jan 2019
Joseph H. Silverman	Brown University	31 Jan 2020
Bryna Kra	Northwestern University	31 Jan 2021
Ralph L. Cohen	Stanford University	31 Jan 2022
Judy L. Walker	University of Nebraska, Lincoln	31 Jan 2023
Jane M. Hawkins	University of North Carolina	*ex officio*
Zbigniew Nitecki	Tufts University	*ex officio*
Kenneth A. Ribet	University of California, Berkeley	*ex officio*

2018 EDITORIAL BOARDS COMMITTEE

Laura DeMarco	Northwestern University	31 Jan 2019
Tatiana Toro	University of Washington	31 Jan 2019
Hélène Barcelo	MSRI	31 Jan 2020
Scott Sheffield	Massachussetts Insititute of Technology	31 Jan 2020
Akshay Venkatesh	Stanford University	31 Jan 2021
Amie Wilkinson	University of Chicago	31 Jan 2021
Sergei Gelfand	AMS	*ex officio*
Carla D. Savage	North Carolina State University	*ex officio*

2018 NOMINATING COMMITTEE

Carolyn Gordon	Dartmouth College	31 Dec 2018
David R. Morrision	University of California, Santa Barbara	31 Dec 2018
Karen Hunger Parshall	University of Virginia	31 Dec 2018
Linda Chen	Swarthmore College	31 Dec 2019
Laura De Carli	Florida International University	31 Dec 2019
Shelly Harvey	Rice University	31 Dec 2019
Bjorn Poonen	MIT	31 Dec 2019
Tara S. Holm	Cornell University	31 Dec 2020
Alice Silverberg	University of California, Irvine	31 Dec 2020
Shmuel Weinberger	University of Chicago	31 Dec 2020

2019 AMS GOVERNANCE

2019 COUNCIL

Officers

President	Jill C. Pipher	Brown University	31 Jan 2021
Immediate Past President	Kenneth A. Ribet	University of California, Berkeley	31 Jan 2020
Vice Presidents	David Jerison	MIT	31 Jan 2020
	Ken Ono	Emory University	31 Jan 2021
	Abigail Thompson	University of California, Davis	31 Jan 2022
Secretary	Carla D. Savage	North Carolina State University	31 Jan 2021
Associate Secretaries	Georgia Benkart	University of Wisconsin	31 Jan 2020
	Brian D. Boe	University of Georgia	31 Jan 2021
	Michel Lapidus	University of California, Riverside	31 Jan 2020
	Steven H. Weintraub	Lehigh University	31 Jan 2021
Treasurer	Jane M. Hawkins	University of North Carolina	31 Jan 2021
Associate Treasurer	Zbigniew Nitecki	Tufts University	31 Jan 2020

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Colloquium Editorial	Peter Sarnak	Princeton University	31 Jan 2021
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Executive Committee	Jesús A. De Loera	University of California, Davis	28 Feb 2019
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Math Reviews Editorial	Danny C. Calegari	University of Chicago	31 Jan 2020
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Proceedings of the AMS	Matthew A. Papanikolas	Texas A & M University	31 Jan 2022
Transactions and Memoirs	Alejandro Adem	University of British Columbia	31 Jan 2021

Members at Large

Nathan M. Dunfield	University of Illinois, Urbana-Champaign	31 Jan 2020
Gregory F. Lawler	University of Chicago	31 Jan 2020
Irina Mitrea	Temple University	31 Jan 2020
Ravi Vakil	Stanford University	31 Jan 2020
Talitha M. Washington	Howard University	31 Jan 2020
Erika T. Camacho	Arizona State University	31 Jan 2021
Victor Reiner	University of Minnesota	31 Jan 2021
Brooke Shipley	University of Illinois, Chicago	31 Jan 2021
Gigliola Staffilani	Massachussetts Insititute of Technology	31 Jan 2021
Anthony Várilly-Alvarado	Rice University	31 Jan 2021
Dan Freed	University of Texas at Austin	31 Jan 2022
Susan Loepp	Williams College	31 Jan 2022
Kasso A. Okoudjou	University of Maryland &MIT	31 Jan 2022
Maria Cristina Pereyra	University of New Mexico	31 Jan 2022
Melanie Matchett Wood	University of Wisconsin	31 Jan 2022

2019 EXECUTIVE COMMITTEE

Jesús A. De Loera	University of California, Davis	28 Feb 2019
Alejandro Adem	University of British Columbia	28 Feb 2020
Ravi D. Vakil	Stanford University	28 Feb 2021
Henry L. Cohn	Microsoft Research New England	28 Feb 2022
Jill C. Pipher	Brown University	*ex officio*
Kenneth A. Ribet	University of California, Berkeley	*ex officio*
Carla D. Savage	North Carolina State University	*ex officio*

2019 TRUSTEES

Joseph H. Silverman	Brown University	31 Jan 2020
Bryna Kra	Northwestern University	31 Jan 2021
Ralph L. Cohen	Stanford University	31 Jan 2022
Judy L. Walker	University of Nebraska, Lincoln	31 Jan 2023
Matthew Ando	University of Illinois at Urbana-Champaign	31 Jan 2024
Jane M. Hawkins	University of North Carolina	*ex officio*
Zbigniew Nitecki	Tufts University	*ex officio*
Jill C. Pipher	Brown University	*ex officio*

2019 EDITORIAL BOARDS COMMITTEE

Hélène Barcelo	MSRI	31 Jan 2020
Scott Sheffield	Massachussetts Insititute of Technology	31 Jan 2020
Akshay Venkatesh	Stanford University	31 Jan 2021
Amie Wilkinson	University of Chicago	31 Jan 2021
Ian Agol	University of California at Berkeley	31 Jan 2022
Terence Tao	University of California at Los Angeles	31 Jan 2022
Sergei Gelfand	AMS	*ex officio*
Carla D. Savage	North Carolina State University	*ex officio*

2019 NOMINATING COMMITTEE

Linda Chen	Swarthmore College	31 Dec 2019
Laura De Carli	Florida International University	31 Dec 2019
Shelly Harvey	Rice University	31 Dec 2019
Bjorn Poonen	MIT	31 Dec 2019
Tara S. Holm	Cornell University	31 Dec 2020
Alice Silverberg	University of California at Irvine	31 Dec 2020
Shmuel Weinberger	University of Chicago	31 Dec 2020
Sami H. Assaf	University of Southern California	31 Dec 2021
Rebecca Garcia	Sam Houston State University	31 Dec 2021
Deane Yang	Courant Institute, NYU	31 Dec 2021

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 will be presented in a separate 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 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.

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.

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.

"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.

Both Reports were submitted by Anita Benjamin (11/27/2018)

American Mathematical Society
Committee on Science Policy Meeting

The last meeting of the AMS Committee on Science Policy was held on April 10-11, 2018 in Washington, DC.

Scott Wolpert (University of Maryland) is chair of the committee in 2018.

Action Items:

AMS National Policy Statement
The AMS National Policy Statement on public policy priorities was distributed for the committee's review. Since the statement was written in the early 1990s, the committee decided it should be reviewed and revised. The committee voted to conduct a comprehensive review and draft a new statement to be sent to the AMS Council for action. A subcommittee was formed to take on this important task.

GAO Report
The highlights of a report on contingent faculty recently published by the Government Accountability Office (GAO) was distributed for the committee's review. The AMS has been asked to provide input on the report since mathematics is a large user of contingent faculty. There was much discussion about how and which AMS policy committee would be best to respond to this request.

The committee voted for CSP not to take up this request directly, but rather to lend assistance to the Committee on the Profession, who was thought to be the appropriate policy committee to handle it.

CSP Activities at Joint Meetings, January 2019
The Committee on Science Policy has a standing timeslot for a session at the Joint Mathematics Meeting each year. Ideas on the subject for the 2019 CSP session at the Baltimore, MD meeting were discussed. A subcommittee was formed to work on this.

AMS Congressional Fellowship Review
The committee was to review the AMS Congressional Fellowship last year, but this did not happen due to unforeseen circumstances. The committee will take up this task in the next year and a subcommittee was formed to do it.

The 2018 Summary Report for the AMS Committee on Science Policy can be found at https://www.ams.org/about-us/governance/committees/csp-home

Submitted by Anita Benjamin (11/27/2018)

AMS Committee on Meetings and Conferences Report 2018

The Committee on Meetings and Conferences (CoMC) held its annual meeting March 24, 2018 at AMS Headquarters in Providence. Rebecca Garcia of Sam Houston State University, chair, presided.

Actions taken by CoMC include the following:

- **Child Care Grants at Sectional Meetings** The AMS and MAA offer reimbursement grants of US$250 per family to help with the cost of child care for registered participants in the Joint Mathematics Meetings (JMM). The funds can be used for child care expenses from local resources at JMM or for any other form of child care (such as hiring a nanny at home, bringing a caregiver to the meeting, etc.). A survey conducted in the Fall 2017 Sectional meetings confirmed the utility for Child Care Grants for Sectional Meetings. *CoMC voted unanimously to recommend that the Council ask the AMS staff to look into developing a plan for child care grants at Sectional meetings.* It was noted that if child care grants were restricted to AMS members, this could be viewed as part of the strategic initiative on membership development.

- **2018 Annual Review: Scientific Program of the JMM** Wen-Ching Winnie Li and Christina Sormani (chair) formed a subcommittee that carried out the review of the scientific program of the JMM. Three notable items arose from their review:

  - Their study noted that 65% of attendees rate "making a presentation was 'important' or 'very important' in their decision to attend the meeting. In the 2016 JMM, 35 participants gave distinct presentations in different Special Sessions. The subcommittee moved that in order to allow room for others to present their work, "CoMC recommend to the Council that an individual may give at most one AMS Special Session talk at a given JMM." This motion was passed unanimously at the CoMC Meeting in March. It was presented to the Council in April 2018, where the motion as stated did not carry. Concerns were expressed that such a policy would have a very small impact and would be very complex to administer.
  - Their analysis of the invited addresses revealed that attendance was generally higher for addresses that are co-sponsored with other organizations. *CoMC voted unanimously to create a subcommittee to explore the possibility of establishing joint invited addresses at the JMM with NAM and other organizations.* CoMC members Edray Goins, Kelly McKinnie, and Christina Sormani volunteered to serve on this subcommittee.
  - CoMC requested staff to create a "suggest a speaker" button for all invited addresses.

- **2018 Annual Review: John von Neumann Symposium** Monica Nevins (chair) and Rebecca Garcia formed a subcommittee that carried out the review of the John von Neumann Symposium (JvNS), an endowed series of presentations held quadrennially that focuses on seminal concepts in mathematics. The Symposium memorializes the

life and accomplishments of John von Neumann. The next JvNS is scheduled to take place in 2020 and the JvNS Selection Committee will soon be appointed by the the AMS President. Garcia reported on the main challenges faced by the series:

- Low diversity among attendees and speakers,
- Low attendance in general,
- Low visibility.

The subcommittee suggested a number of alternatives for the JvNS that would maintain the spirit of the endowment:

- Shortening the JvNS,
- Making it a Short Course at JMM,
- Request that it be held at a mathematical institute, or
- Offering scholarships

CoMC unanimously voted *to send a copy of the CoMC review of the JvNS to the next von Neumann Symposium Selection Committee.*

- **2017 Annual Review: Summer Research Institute** In 2017, the Summer Research Institute (SRI) was one of three programs reviewed by CoMC. The only recent examples of these three-week long SRIs occurred in 2005 and again in 2015 in algebraic geometry. Upon review, the subcommittee voiced concerns about about the paucity of women among the invited speakers, the large claim that the SRI makes on AMS staff resources, the relevance of three-week conferences, and the fact that the AMS was giving so much support to conferences in just one field. CoMC reported this to the Council in 2017, but no specific action was taken. In the 2018 CoMC meeting, the committee passed the motion *to reaffirm its March 2017 statement that the AMS should not organize another SRI in algebraic geometry.*

- **AMS Website for Conference Information** In 2017, an idea to create an arXiv-like platform for conferences to be hosted by the AMS was discussed. A subcommittee explored the idea and reported to CoMC in the 2018 meeting. The subcommittee comprised Pierre Albin (chair), Ivan Corwin, and Niles Johnson. A discussion on the value of having a comprehensive searchable listing of conferences led to committee to unanimously pass the resolution *to encourage AMS Staff to enhance the current Mathematics Calender, to incorporate options for searching on appropriate fields.*

- **2019 Annual Review** CoMC chose as a topic for its Annual Review "The overall AMS Program at the JMM." The subcommittee consists of Kelly McKinnie (chair), Edray Goins, and Frank Sottile. As part of this review, a focus group will be held at JMM 2019 in Baltimore.

- **The Maryam Mirzakhani Lecture** At its March 2018 Meeting, CoMC discussed various possibilities for naming an address after Maryam Mirzakhani and unanimously passed the following: *COMC recommends to Council that the AMS create an annual*

invited address at JMM to honor Maryam Mirzakhani. This will be implemented by naming and publicizing one of the current five AMS Invited Addresses as "The Maryam Mirzakhani Lecture." This was reported at the 2018 Council Meeting, and after discussion, this motion was also unanimously passed.

- **2019 CoMC Meeting** The next CoMC Meeting will be held at the Chicago O'Hare Airport Hilton on March 9, 2019.

- **Change to Welcoming Environment Policy** CoProf recommended adding "immigration status" to the list in the last sentence of the first paragraph of the Welcoming Environment Policy, so that the first paragraph would read:

  > *"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."*

  This change was unanimously approved by CoMC via vote by email.

Other Activities

- **Abstract System for AMS Meetings** The abstract system used to handle abstracts for AMS meetings is no longer adequate for the needs of the JMM, and AMS staff were reviewing possible replacements. Although the options are still under review, it is likely the abstracts system that is chosen will not be able to produce the journal *Abstracts of Papers Presented to the American Mathematical Society.* Abstracts of papers presented at AMS meetings will, however, be made available online and/or in print, and the AMS is committed to maintaining an archive of abstracts, in order to keep a permanent record of its meetings.

- **Suggesting Special Lecturers** At its 2017 meeting, CoMC recommended that the web pages for the Einstein and Erdös Lectures contain a link for recommending potential speakers. A "Suggest a Speaker" link has been added to each page.

- **Video-recording Lectures** At JMM 2018, all but one of the Invited Addresses was video-recorded and accessible directly by the public. CoMC members expressed interest in continuing these recordings and making them accessible to members. Additionally, the committee followed up with a discussion of the opportunities that video recording might offer for the AMS Short Course. The possibilities it considered included live webinars, remote participation, and making video-recording accessible to members. CoMC recommended that the staff explore these ideas further.

- **CoMC Panel at the 2018 JMM** At its meeting in March 2017, CoMC unanimously agreed to sponsor a panel at JMM 2018. The first such panel ever sponsored by

CoMC, it was entitled "Collaborative Research Communities in Mathematics," and the panelists were Sam Ballas (Florida State University), Ruth Charney (Brandeis University), Brian Conrey (American Institute of Mathematics), and Satyan Devadoss (University of San Diego). The panel was organized by a subcommittee comprising Alan Reid (chair) and Irina Mitrea, who also served as the moderator. A report written by Monica Nevins (past chair of CoMC) describes the panel as informative and, though attendance was light, there was plenty of interest in sharing collaborative research practices. CoMC discussed ways in which the content of the panel could be disseminated more broadly, such as webinars or an article in the *Notices.*

Rebecca Garcia, Chair
December 2018

Committee on the Profession
Annual Report
2018

The Committee on the Profession (CoProf) held its annual meeting on September 15-16, 2018, at the Hilton Chicago O'Hare Airport. Fadil Santosa, University of Minnesota, chaired the meeting. There was a very full agenda, the highlights of which are summarized below.

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

- **Committee on Professional Ethics (COPE):** At its meeting in 2018, CoProf's annual review focused on professional ethics. The subcommittee conducting the review was charged with reviewing and revising COPE's responsibilities and charge. CoProf approved a revised charge for COPE, as well as revisions to the Ethical Guidelines of the American Mathematical Society (http://www.ams.org/about-us/governance/policy-statements/sec-ethics). The new charge removes the expectation that COPE will engage in activities involving investigations, mediation, or enforcement. The subcommittee members were Gregory Lawler, Carla Savage (chair), and Jeremy Teitelbaum from CoProf and Robert Megginson (chair of COPE).
- **AMS Fellows Program:** CoProf recommended a change in the nomination form for this program that would highlight the importance of the three support statements. It discussed the possibility of reviewing the Fellows program but decided to defer that task to a future year, since it already had several reviews to conduct. It also felt that such a review might be a suitable task for the new Prize Oversight Committee described below.
- **Prize Oversight Committee:** CoProf currently has a Prize Oversight Committee (POC) as a standing subcommittee. At its meeting in 2017, CoProf charged the POC with making recommendations about how to increase the number of nominations of women and under-represented minorities for major AMS awards and Fellowships. After discussion of the subcommittee's report, CoProf recommended the creation of a Prize Oversight Committee that would be a separate AMS committee, not a subcommittee of CoProf. It would be responsible for all 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. The POC's members were Elena Mantovan and Judy Walker (chair) from CoProf and Jesus De Loera.
- **Committee on Human Rights of Mathematicians (CHRM):** At its meeting in 2017, CoProf approved a revised charge for CHRM that would expand its scope to include human rights violations wherever they occur. The January 2018 Council did not adopt the recommended changes. CoProf then appointed a subcommittee to formulate a response to the Council's concerns. The members of the subcommittee were John Bryant, Wilfrid Gangbo, and Jeremy Teitelbaum (chair). After considering the Council's concerns, CoProf made further revisions to the charge and recommended them to the Council.
- **Birman and Centennial Fellowships:** CoProf recommended a change in the charge of the selection committees for these fellowships, in order to prohibit a member of the committee from writing a letter for an applicant. A similar prohibition already applies to the AMS Fellows program.

- **William Lockwood Forster Memorial Award:** CoProf recommended the creation of this award, which is a scholarship for undergraduates, and a prize description for it. The selection process would be modeled on that of the Waldemar J. Trjitzinsky Memorial Awards, under which institutional members of the AMS are asked to choose the awardees. The amount and frequency of the award would be determined by the Board of Trustees.
- **Corporate Membership:** The AMS currently has a small number of corporate members. CoProf recommended changes to the list of privileges of corporate membership, in order to bring them up to date and to specify them with an appropriate level of detail.
- **Site visit program to improve the departmental climate for women and minorities:** The American Physical Society (APS) has a program under which departments can request "site visits," for the purpose of improving the climate for women and minorities. CoProf discussed the report of a subcommittee that recommended that the AMS create a similar program. CoProf supported continuing to develop such a program but decided to seek input from the Council before preparing a detailed proposal. The members of the subcommittee were Monica Jackson, Hal Sadofsky, Fadil Santosa (chair), Gigliola Staffilani, and Chad Topaz (chair, Committee on Women in Mathematics). In November 2018, Monica Jackson participated in an APS climate site visit and prepared a report on her experience.

In addition, CoProf is developing an AMS policy statement on diversity. It also recommended the creation of a Committee on Diversity and Inclusion, subsuming the existing Committee on Women in Mathematics, with the eventual goal of its being a policy committee. A subcommittee was appointed to draft the charge for such a committee. If approved by CoProf, the recommendation and the proposed charge would be brought to the Council.

In other business, CoProf agreed to the ECBT's request in May 2018 that it review 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.

CoProf will hold its next meeting on September 21-22, 2019, at AMS Headquarters in Providence.

T. Christine Stevens
Associate Executive Director
December, 2018

Corporate Membership in the AMS

Non-academic organizations worldwide can join the Society as Corporate Members, and the AMS currently has a small number of members in this category. In September 1992 the Council approved complimentary copies of the Combined Membership List (CML) as one of the benefits of corporate membership.

The CML was an online membership directory of AMS, SIAM, AMATYC, AWM, CMS, and MOS that was hosted at www.ams.org. Because of the European Union's new privacy regulations, the CML was discontinued on May 1, 2018, and it was replaced by an AMS Membership Directory that is available only to AMS members.

The decision to abolish the CML prompted the staff to review of the privileges of Corporate Membership. It was discovered that the benefits currently offered do not agree with those that were approved by the Council in September 1992. Moreover, the benefits approved at that time were specified in much greater detail than is customary for other categories of membership. (For example, the Council not does vote on the size of the book discount that is offered to individual AMS members.)

The staff therefore asks CoProf to recommend that the Council approve the following:

The privileges for Corporate Membership are as follows:

1. *One complimentary subscription to each of the following: Notices of the American Mathematical Society and Abstracts of Papers Presented to the American Mathematical Society.*
2. *A limited number of complimentary Corporate Representative Memberships (regular individual membership)*
3. *Member rate registration at an AMS meeting for any Employee.*
4. *Discounts on AMS products and services, such as MathSciNet®, AMS Books and Journals, eBook Collections, advertising in AMS publications, job postings, mailing list rentals, and the Employment Center at the Joint Mathematics Meetings.*

The nature and size of the discounts in the last item will be determined by staff, in order to maintain an up-to-date package of benefits that is financially sound and appeals to potential corporate members. The current benefits of Corporate Membership are enumerated at http://www.ams.org/membership/institutional/corporate/corporate.

T. Christine Stevens, Associate Executive Director
Meetings and Professional Services
September 2018

Revisions Proposed to AMS Ethical Guidelines
Items suggested for future review (by COPE) are marked in blue.

American Mathematical Society

Policy Statement on Ethical Guidelines

Preamble:
In January 1994 the AMS Council received the report of its Special Advisory Committee on Professional Ethics. The Committee, which consisted of Murray Gerstenhaber, Frank Gilfeather, Elliott Lieb, and Linda Keen (Chair), presented ethical guidelines for adoption by the Council. Those draft guidelines were published twice in the Notices of the AMS, with a request to the membership for responses and suggestions for changes or improvements. These were sent to the Committee, which considered all suggestions. The Committee then redrafted the guidelines and presented the redraft to the January 1995 Council. At that meeting, the Council voted to adopt the guidelines as a resolution of the Council (by a vote that was unanimous save for one abstention), and shortly thereafter the Council adopted them "so as to speak in the name of the Society", a more official designation.
Acting upon recommendations from the AMS Committee on the Profession, in January 2004 the Council approved a general revision to the document, which also incorporated additional statements describing and deploring plagiarism. In January 2005, the Council adopted these guidelines "so as to speak in the name of the Society."

ETHICAL GUIDELINES OF THE AMERICAN MATHEMATICAL SOCIETY

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

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

~~The American Mathematical Society, through its Committee on Professional Ethics (COPE), may provide an avenue of redress for individual members injured in their capacity as mathematicians by violations of these ethical principles. In each case, COPE will determine the~~

~~appropriate ways in which it can be helpful (including making recommendations to the Council of the Society).~~ The AMS cannot enforce these guidelines, however, and it cannot substitute for individual responsibility or for the responsibility of the mathematical community at large.

I. MATHEMATICAL RESEARCH AND ITS PRESENTATION

The public reputation for honesty and integrity of the mathematical community and of the Society is its collective treasure and its publication record is its legacy.
The knowing presentation of another person's mathematical discovery as one's own constitutes plagiarism and is a serious violation of professional ethics. Plagiarism may occur for any type of work, whether written or oral and whether published or not.
The correct attribution of mathematical results is essential, both because it encourages creativity, by benefiting the creator whose career may depend on the recognition of the work and because it informs the community of when, where, and sometimes how original ideas entered into the chain of mathematical thought. To that end, mathematicians have certain responsibilities, which include the following:

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

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

II. SOCIAL RESPONSIBILITY OF MATHEMATICIANS

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

belief, political belief, or disability.

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

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

Where choices must be made and conflicts are unavoidable, as with editors or those who decide on appointments or promotions, it is essential to keep careful records that would demonstrate the process was indeed fair when inspected at a later time.
Freedom to publish must sometimes yield to security concerns, but mathematicians should resist excessive secrecy demands whether by government or private institutions.
When mathematical work may affect the public health, safety or general welfare, it is the responsibility of mathematicians to disclose the implications of their work to their employers and to the public, if necessary. ~~Should this bring retaliation, the Society will examine the ways in which it may want to help the "whistle-blower", particularly when the disclosure has been made to the Society.~~

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

III. EDUCATION AND GRANTING OF DEGREES

Holding a Ph.D. degree is virtually indispensable to an academic career in mathematics and is becoming increasingly important as a certificate of competence in the wider job market. An institution granting a degree in mathematics is certifying that competence and must take full responsibility for it by ~~insuring~~ ensuring the high level and originality of the Ph.D. dissertation work, and sufficient knowledge by the recipient of important branches of mathematics outside the scope of the thesis. ~~When there is evidence of plagiarism it must be carefully investigated, even if it comes to light after granting the degree, and, if proven, the degree should be revoked.~~

Mathematicians and organizations involved in advising graduate students should fully inform them about the employment prospects they may face upon completion of their degrees.

IV. PUBLICATIONS

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

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

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

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

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

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

Site Visit Subcommittee Report

August 10, 2018

At the Fall 2015 meeting, the Site Visit Subcommittee was formed and charged with the task of studying whether the AMS should offer, upon request, to site visit a Mathematics department to assess its climate for women. Such a program has existed in the APS since 1990. The goals and procedures of their site visits as explained on their web page.

Goals:

1. Provide an outside appraisal of the environment experienced by women and minorities within the department or lab,
2. Provide suggestions to leadership for interventions or changes that can address practices that might limit or reduce participation by underrepresented groups.

Procedure: A department chair or a lab director requests such a visit. The APS assembles a team of three for the site visit. Students, faculty and other employees are asked to complete a confidential survey prior to the visit. During the visit, the team hold meeting with various groups in the department. A written report detailing the findings of the visit and offering recommendations for improving the climate for women and minorities is given to the chair. The chair is asked to report back to the site visit team 18 months later, describing changes that have occurred and any other outcomes.

In order to assess the demand for such a service, the subcommittee asked the AMS to send a survey to 50 large mathematics departments across the country. In the cover letter sent to the departments, we mentioned that the estimated cost of such a site visit will be around $6,000. Of the 25 respondents, we found

a. We currently have no interest in such a program: 3
b. We have some interest in such a program: 8
c. We would likely take advantage of such a program if we could find funding: 7
d. We would likely take advantage of such a program and we would have funding available: 7

The subcommittee has had several discussions with APS personnel responsible for their program. Our discussions have led to:

1. Permission to shadow one of their site visits. Monica Jackson (COPROF member from 2015-2018) has agreed to go on the next one, tentatively planned for Emory's Physics Department in early Fall 2018, and will provide a written report.
2. Sharing of APS site visit planning documents, which have just recently been revised. These documents are attached to this report.

Pending a positive report from Monica Jackson after her shadow site visit in the Fall, the subcommittee will likely recommend that the AMS provide such site visit service. There is clearly a need for such a program. Our recommendations are:

- Provide staff support for such a program. We feel that someone within AMS should have ownership of this program. We suggest Helen Grundman.
- An initial three-member site visit committee should be formed. They would go on the site visits during their appointment and be compensated for each visit.

- Helen and the committee should create its own procedures for the site visits. Items to consider include: (i) pre-visit survey, (ii) coordination with the department, (iii) procedures during the visit, (iv) submission of the report, (v) follow up to the department.
- AMS should advertise the program. The site visit program should be offered as soon as possible.

Site Visit Procedures

Preamble: This document is an outline of the procedures for an APS climate visit (ACV) to an academic department, research unit in a national or private-sector laboratory, etc (hereafter referred to as the "department"). In the document that follows, department should be interpreted to mean any of these, while the terms "faculty, students and staff" indicates the broad range of members in that group.

These visits are coordinated by the APS Committee on the Status of Women in Physics (CSWP) and/or the APS Committee on Minorities (COM). Site visits can focus on issues affecting women, minorities, or both. Site visit requests should specify the specific areas the department would like to examine.

Both the site visitors and the department will receive this document on site visit procedures to promote an efficient, transparent, and effective site visit. Clear and timely communication between and within these two groups is essential to this process.

Request for site visit: Departments initiate a site visit request when the chair of the department sends an email to women@aps.org. Visits are intended to provide the requester (referred to here as the "Chair" of the department) with guidance for improving the climate for women and/or underrepresented minorities in the department, and for the department as a whole.

Formation of the site visit committee: The request is referred to the site visit committee within the CSWP and/or COM, who identifies an experienced team Leader for the site visit (referred to as the "Lead"). Based on prior experience of effective site visits, this leader is always a woman or underrepresented minority and will usually have professional expertise within the strengths of the department. This site visit Lead will identify other committee members (usually two) for the site visit Typically these committee members will have complementary professional expertise within the strengths of the department. Visit teams are typically representative of the groups for which the climate is under scrutiny (e.g., women and/or underrepresented minorities).

Conflict of Interest & Neutrality: If Team members have any active or recent collaborations with anyone in the department, they should not participate in the site visit. Due to the potentially sensitive nature of site visits, the site visit trip should not be combined with any other seminars, research collaborations, or visits at the institution. All Team members should depart after briefing the Chair at the conclusion of the visit.

Surveys: Internet surveys will be administered to graduate students by the APS prior to the site visit. The purpose of these surveys is to provide guidance for the site visitors and for the site visit report. Individual comments from the survey will ***never*** be discussed during the site visit or in the report, but may be aggregated in the final report to discuss trends. The cost of the survey is borne by the department; costs for the basic survey package and any additional surveys will be clearly communicated to the department.

Preparing for the site visit: Chair of the department/collaboration/lab:

Enlist support in your effort to improve the climate for women and/or minorities in your department. Enlisting a diverse departmental group that includes 2-3 senior faculty in your

department will increase the likelihood that the rest of the faculty will buy-in to any changes recommended by the site visit team. It will be useful to include these individuals in the planning process.

Prepare the faculty for the site visit. The site visit will only succeed with participation by a broad spectrum of faculty, students, and other members of the department. Clearly communicate the purpose of this site visit, and give the faculty an opportunity to discuss what they expect from the site visit, and to prepare questions for the site visit team. Encourage open and frank discussions. Advise the faculty that changing the climate will require a team effort that will make the department better for all members: students, staff and faculty.

Advertise the surveys to your graduate students two weeks before they expect to get them, and remind them when they are due. A suggested advertisement will be provided. It is important that all departmental members understand that the site visit committee is interested in the full range of perceptions, encompassing positive comments, areas for improvement, as well as issues of concern, and that wide participation is essential to guide appropriate improvements.

Make travel and visit arrangements for the site visit committee, at least one month before the site visit.

Communicate your expectations for the site visit to the site visit committee: The Lead will set up a videoconference or in-person visit with the Team and the Chair (APS can make videoconferencing software available if needed) before the visit begins.

Arrange good times and places for the site visit committee to meet with groups from all departmental stakeholders. The site visit team is very interested in discussions with a diverse range of faculty, who have great influence over the department climate. It is also interested in meeting with students at all levels and with staff. For maximum participation, it is again important to emphasize that the site visit committee is interested in positive perceptions of the department, as well as areas in which it can improve. Having meetings in different physical locations is preferred.

Advertise these meetings well. The site visit team cannot write a useful report unless it meets with an adequate number of representative stakeholders in the department, typically more than 50% of each group. We thus suggest advertising the meetings at least two weeks prior to the visit, and following up with reminders closer to the actual event. Suggested or representative flyers and emails will be provided.

Arrange any other meetings during the site visit: The site visit team is happy to meet with administrators at your institution if you feel, for example, that you need resources to implement changes that will support improving the climate (e.g., support for hires that require finding a position for a candidate's partner). However, the focus of the site visit should remain within the department.

Arrange 2 hours in private at the end of the visit for the site visit committee to write a first draft of their report. Be available to answer questions from the site visit committee as needed.

rrange time for a closeout briefing: Arrange time to visit with the committee at the end of the visit.

Preparing for the site visit: Site visit committee:

Initiate survey setup: the Lead should contact Susan White at AIP to ask her to prepare the surveys. Susan will send a MOU to APS, and then will send a survey link to the Lead. The Lead will email the link and suggested language to the Chair.

Understand the purpose, practices, and procedures of the site visit. A site visit guide is communicated in writing, and discussed in detail before the site visit, via videoconference (preferred) or in a meeting of the site visit team that occurs prior to the start of the visit. This meeting may not include outside individuals. The site visit team should meet alone, then the Chair should join in. The Chair should be asked about expectations for the site visit. Any foreseen difficulties may be discussed. APS has videoconferencing software for such a meeting.

Share the following documents with the Chair: Procedures, Best Practices, Checklist, and Flier Draft. These should be sent from the Lead to the Chair at least one month before the site visit.

Review surveys: These may be used as a guide to some questions, although results and individual comments must ***never*** be discussed outside the site visit committee. The process for gathering this data stipulates confidentiality.

Closeout Briefing at end of the visit: Site visit committee and Chair:

The site visit Lead should give the briefing, structured in a way that highlights things that the department is doing well (and should continue) and things that could be done better, and why.

Written site visit report:

The Team should draft a written report before leaving the site visit. A template is provided. The report should include, as precisely as possible, the factual extent of exposure by the committee. For example: "We were able to interview only 5 women in the department, and appreciate that this does not constitute all viewpoints held by faculty or staff. Nonetheless, ..." The Lead should ensure that the report is factually accurate and makes actionable recommendations to the Chair.

The Lead provides a complete report for review by all team members within one week of the visit.

The final report should go to the APS CSWP and/or COM Site Visit Subcommittee Chair for review before submission to the Department Chair.

The Chair must be allowed to comment on factual issues before the committee issues its final report.

After the visit: Site visit committee:

Fill out a short internet questionnaire on the effectiveness of these guiding documents and other resources for the site visits, including any suggestions for their improvement.

After the visit: Chair of the Department:

Fill out a short internet questionnaire on the effectiveness of this document in guiding the site visit, including any suggestions for its improvement. Please invite anyone else involved in planning the site visit to fill out the survey or to contribute to your answers.

Communicate with the Lead or the head of the site visit committee within the CSWP and/or COM about the effectiveness and any immediate difficulties with the site visit.

Do not expect female or minority faculty members in your department to implement all the changes that may be recommended by the site visit committee. Changing the climate in any department will require the concerted effort of most of the faculty, especially senior faculty.

Be prepared to submit a follow-up report, via web survey, telling us about the changes you implemented and plan to implement, if possible within one year of the site visit. This report is very important for our program, as it helps us to gauge the effectiveness of the site visit.

During and After the visit: Chair and Site visit committee:

A representative of the APS will be available to discuss any procedural difficulties that arise.

Checklists

This document is a work-in-progress. Those who participate in site visits are strongly encouraged to suggest changes based on their experiences.

CSWP Site Visit Committee duties

Done	Timing	What
	Within 6 months of initial request	Select lead for site visit
	Within 4 months of selecting lead	Verifies that site visit planning is on track
	Within 1 week of site visit	Participates in web meeting with team members. Answers questions related to quality control and ground rules for site visit. This meeting includes short meeting with department chair to determine goals for site visit.
	2 weeks after site visit	Verifies that report is on track.
	1 month after site visit	Receives report from site visit committee chair.
	5 weeks after receiving report	Approves report for transmittal to department.
	1 year after report approval	Ask for feedback from department.

Site Visit: Site Visit Team duties

Done	Timing	Whom	What
	-6 months	Chair, CSWP site visit committee	Selects Lead for site visit
	-6 months	Lead of site visit team	Communicates with department to set visit dates; informs CSWP site visit chair
	-6 months	Chair, CSWP site visit committee	Works with team lead and chosen dates to find team members
	-4 months	Lead of site visit team	Communicate with AIP (Susan White, swhite@aip.org) to set up graduate student survey
	-1 month	Lead of site visit team	Sets in-person or internet meeting with committee, department chair or site-visit host, and chair of CSWP site visit committee.
	-1 week	Lead of site visit team	Share results of AIP survey with site visit team members
	-1 day	Site visit team + (by internet) CSWP site visit chair	Meets, in person if possible, to discuss strategy and ground rules for site visit. Includes short meeting with department chair.
	0 day	Site visit team	Site visit
	0 evening or +1 day?	Site visit team	Outline report; divide tasks for writing report.
	0 evening or +1 day?	Site visit team	Debrief chair. Ask any questions.

	1 week	Site visit team	Fill out online survey on how site visit worked, suggestions for changes to documents.
	2 Weeks	Site visit team	Finalize report

Site Visit Team duties (continued)

	Timing	Whom	What
	1 month	Site visit lead	Communicate report with CSWP chair and site committee chair.
	5 weeks	Site visit lead	After approval by CSWP, communicates report to department

Important questions to ask chair:

1. What do you want from this visit?
2. How do we help?
3. Are there particular groups you are concerned about, or particular topics you want addressed?

Department Chair/Host Duties

Done	Timing	What
	-6-12 months	Requests site visit. Enlist a small diverse group of faculty who will support you on the site visit and on efforts to improve climate.
	-6 months	Contacted by lead of site visit team to arrange dates.
	-3 months	Contacted by AIP to arrange surveys.
	-6 weeks	Make travel arrangements for site visit team.
	-1 month	Communicate to all departmental stakeholders about purpose for site visit, and encourage full participation in surveys and in visit. (Recommended language available.)
	-2 weeks	Schedule meetings for site visit. Remind stakeholders about purpose of the site visit and encourage full participation.

	0 day	Site visit
	0 evening	Debriefing with Site visit team (optional: invite CSWP chair)
	1 week	Site visit team
	+1 month	Receive report
	+1 year	Brief report to CSWP on how report was used, its utility, and any suggestions.

INTERNAL DOCUMENT--
DO NOT SHARE WITH SITE VISIT TEAMS OR DEPARTMENT CHAIRS

Procedure for initiating a site visit:

(Internal document for Site Visit Committee members)

Department Chair initiates site visit process by contacting APS (Miranda). Miranda sends request to Site Visit Subcommittee Chair.

Site Visit Subcommittee Chair (SC) invites Team Leader (TL) with approval from Ted and/or Miranda. Team Leader is chosen based on the following factors in rough priority order: (a) been on successful site visit before, (b) subdiscipline in physics connects well with department's subdisciplines, (c) not been on visit too recently, (d) convenient location.

Team Leader and Department Chair (DC) agree on dates for site visit.

Once dates are chosen, SC emails 6-7 people on the "willing to serve" list asking for (a) interest in serving, (b) availability for the chosen dates, and (c) any conflict of interest. Prospective team members should be chosen based on the following factors in rough priority order: (a) should work with Team Leader well, (b) subdiscipline aligns with a department subdisciplines, (c) not been on site visit too recently, (d) convenient location (to reduce travel time and expense).

Based on yes replies, SC and TL choose two and send names to Ted and Miranda. Then SC sends emails to those not chosen, and TL sends emails to the two chosen for the site visit.

SC sends TL the following documents:

- Checklist
- Procedures
- Best Practices
- Flier Draft
- Introductory Remarks
- Site Visit Report Template

TL sends DC the following documents:

- Checklist
- Procedures
- Best Practices
- Flier Draft
- Link to survey with suggested language and dates

After the site visit, Miranda needs to send the survey links to the DC and to the site visit team.

At the one-year mark, Miranda needs to send the follow-up survey link to the DC.

SC should keep track of the site visits with the tracking form.

Sample email inviting team leader:

Sample email inviting possible team members:

Report on APS CSWP/COM Site Visit

Department, University

Dates of Visit

Person1, Affiliation, Committee Chair
Person2, Affiliation
Person3, Affiliation

1 Executive Summary

Detailed recommendations are given in the sections that follow. Principle recommendations are summarized below.

1. Recommendations.

2 Introduction and Context

Since 1990, the Committee on the Status of Women in Physics (CSWP) of the American Physical Society (APS) has conducted site visits to physics departments and national laboratories, with the goal of improving the climate. [Circumstances of invitation and who extended it.] Contact information for the site visit team members and local contacts is listed in Appendix A.

The team began the (X)-day visit on (DATE) with a meeting with the (Chair/Director/Spokesperson/etc.), followed by meetings with members of the (department/collaboration) as well as members of the (university) administration. The schedule for the visit is displayed in Appendix B. In addition to these meetings, the team was provided with (some statistics about something). Anonymous surveys were administered to [some people at some time]. Prior to the visit, the APS administered a survey to the collaboration. Statisticians at the American Institute of Physics evaluated the surveys and results were provided to the committee. While the survey results will remain confidential, key findings are incorporated into relevant sections of the report.

[Composition of faculty and recent changes.]

[General experience with leadership (were they supportive/sensitive?). Brief discussion of issues beyond the control of the department that will not be addressed in this report, such as institution-wide family leave policies, infrastructure, etc.]

In this report, we summarize information gathered from meetings with faculty, students, and staff, and make recommendations related to climate issues for women and other underrepresented groups. It is the belief of the team that an inclusive environment benefits all. While some of the recommendations may seem obvious, our hope is that the presentation of as comprehensive a set of recommendations as possible will enable the (department/collaboration) to give these items priority and to implement them effectively.

In the following sections, we describe our meetings with various groups and recommendations specific to each group: undergraduate and graduate students, postdoctoral researchers, faculty and staff, the department chair, and university administrators. We finish with a summary of our conclusions and selected references. Appendix A lists the site visit team members and local contacts, and Appendix B contains the site visit schedule.

3 Meeting(s) with Undergraduate Students

General description of issues raised during the meetings with this group.

3.1 Recommendations with respect to Undergraduate Students

•

4 Meeting(s) with Graduate Students

General description of issues raised during the meetings with this group and from surveys.

4.1 Recommendations with respect to Graduate Students

-

5 Meeting(s) with Postdoctoral Researchers

General description of issues raised during the meetings with this group.

5.1 Recommendations with respect to Postdoctoral Researchers

-

6 Meeting(s) with Faculty and Staff

General description of issues raised during the meetings with this group. Separate summaries for individual groups that you met with.

6.1 Recommendations with respect to Faculty and Staff

-

7 Meeting(s) with University/Department/Collaboration Leadership/Administration

General description of issues raised during the meetings with this group or individuals. Things to consider: level of support for diversity, spousal and/or hiring policies, availability of resources for diversity initiatives, outreach,

7.1 Recommendations and Remarks with respect to University/Department/Collaboration Leadership

•

Appendices

Site Visit Members and Local Contacts

A.1 Site Visit Team Members:

Name, Title
Institutional Affiliation
Mailing Address
Tel: Fax: Email:

Name, Title
Institutional Affiliation
Mailing Address
Tel: Fax: Email:

A.2 Local Contacts

Name, Title
Institutional Affiliation
Mailing Address
Tel: Fax: Email:

Name, Title
Institutional Affiliation
Mailing Address
Tel: Fax: Email:

B Site Visit Schedule

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 charge 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.

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, Brooke Shipley, Michael Singer, and Committee on Women in Mathematics Chair Chad Michael Topaz. 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.

Following the meeting, Professor Dunfield accepted Executive Director Roberts' 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
November 20, 2018

Report from the AMS Fellows Selection Committee
8/13/2018

There were 144 nominations this year involving a total of 139 distinct nominees. The committee was charged with choosing 50 to 65 of these nominees to be invited to become AMS fellows. This year's committee chose 65 fellows.

Each committee member was assigned the initial task of reading about 20-25 files and scoring these files, placing their files into four quartiles of equal size based purely on research; committee members were also asked separate from that to score service as follows for these same files that they had been assigned. Each committee member was asked to assign up to 1/3 of their files a + to indicate strong service and to assign at most one or two of their files a ++ for really extraordinary service. This two-parameter scoring was new this year. The goal was to provide more informative and more fair first round scores and to shift the debate over how to account for service entirely into subsequent conference call discussions.

Each file had two readers in this initial round of scoring. Files with a discrepancy in research score of greater than one (e.g. scoring a 1 and a 3, where 1 denoted the strongest quartile) were singled out, and volunteers were solicited to serve as third readers/scorers for each such file. These preliminary research and service scores were used to place files into top, middle, and bottom groups. Subsequent discussions focused primarily on carefully ordering the middle group into small equivalence classes and then choosing a cut-off line for the recommended group of AMS fellows.

These discussions were conducted primarily through a series of conference phone calls (about 10 such calls, each lasting 1 to 2 hours). The first call focused mainly on (a) establishing standards for all of the calls through careful discussion of the full committee of a few cases, (b) discussion of all cases having received a ++, other than those also having top research scores, comparing these ++ cases with each other based on both service and research, and (c) careful discussion of the most highly interdisciplinary cases. Each subsequent call focused on a particular area of math or group of interrelated areas, discussing each middle group case in that area.

Recommendations of the committee:

1. It would help tremendously if the AMS body choosing the 4 new AMS fellow selection committee members for next year's committee would pay very careful attention to breadth of expertise across all areas of math, addressing gaps in the research areas covered by the 8 continuing committee members.
2. We recommend the AMS further highlight the importance of the three support statements. We suggest that the field where supporters are supposed to put their statement say "DO NOT LEAVE BLANK" when they open the web page to submit their support for a nomination. The fact that these statements are so short can make them even more revealing than the nomination letter. Giving

further guidance (e.g. on the nomination page) on what is expected could be worthwhile, as these tend to vary greatly in style, depth and level of detail.

3. We suggest adding a statement in the "Requirements and eligibility guide" that ``nominators/supporters from institutions different than the candidate's institution generally make for a stronger case''.
4. We think it would be good for AMS to publicize the fact that re-nominating an unsuccessful candidate is perfectly acceptable and certainly not futile -- there is a high degree of variability both in the pool of nominees and in the composition of the selection committee from one year to the next. At this point, there are still excellent nominees getting passed over for all three years of consideration, for instance even in some cases some former ICM speakers.
5. We suggest adding language to the nomination page saying something like "Nominations of senior mathematicians at the level of full professor or equivalent with a substantial body of work are particularly encouraged''. This would need to be crafted carefully, taking into account potential unintended consequences such as discouraging people who should not be discouraged (e.g. potential service oriented nominations of people who have been associate professors for a long time and people with unusual career paths) as well as being sure to account for things like systemic differences between North America and e.g. Europe (hence the phrase "or equivalent" in the text above).
6. Videoconferencing would be a very helpful improvement over the current system of conference phone calls.
7. It would be good if AMS staff would check periodically during February and March whether any nominations received so far are on track to be disqualified (e.g. for having a nominator or supporter who is on the selection committee), notifying nominators early enough so that they have a chance to correct the error before the nomination deadline to avoid disqualification. At a minimum, nominations rolling over from previous years should be checked for new members of the selection committee listed as a nominator or supporter, doing so early enough that the disqualifying nominator/supporter may be replaced. This would help avoid penalizing people for agreeing to serve on the selection committee and avoid potential frustration for selection committee members.
8. We thought that now after about 5 years of this selection process could be a good time for a review of the process by the AMS committee on the profession, including an examination of whether the program is indeed achieving its goals. This could include looking at numbers of nominations and selected fellows, including demographics of both groups. This review could also benefit from input from some people who have served on the AMS fellow selection committee in various years.

Patricia Hersh, Chair
AMS Fellows Selection Committee

Report on the 2018 Annual Meeting of the Mathematical Reviews Editorial Committee

The 2018 meeting of the Mathematical Reviews Editorial Committee took place on October 8, 2018, at the Mathematical Reviews building in Ann Arbor, Michigan. The following members were present at the meeting: Danny Calegari, Pam Cook, Andreas Frommer (Chair), Motoko Kotani (via GoToMeeting), Jeffrey C. Lagarias, Pham Huu Tiep, Catherine Roberts (AMS Executive Director), Ziggy Nitecki (AMS Associate Treasurer). Also present were: Edward Dunne (Executive Editor), Norman Richert (Managing Editor) and the Associate Editors: Andrés Caicedo, Dean Carlson, Steven Damelin, Asen Dontchev, Christopher Elmer, James Epperson, Amanda Francis, Robert Hladky, Guo Ying Jiang, Michael Jones, Vasilii Kurta, Milan Lukic, Lon Mitchell, Irina Sivergina, Margaret Stawiska-Friedland, and Ursula Whitcher.

1. The meeting began with a tour of the MR facility.
2. *MREC Membership:* It is anticipated that no members will be coming off the committee in the coming year. However, the chair of the committee will change from Andreas Frommer to Danny Calegari on February 1, 2019.
3. *The date of next meeting* will be Monday, October 14, 2019.
4. The *Minutes of the 2017 Meeting* were approved, with one correction, in the spelling of Pham's name. It should be Pham Huu Tiep. The draft minutes had a single "u" in his middle name.
5. Dunne presented an *update on MR Activities of the past year*, as described in the MR operating plan. Highlights included collaborations with INSPIRE, Wikimedia, and the arXiv and work with Institute of Mathematical Statistics on the Current Index of Statistics. MREC expressed an interest in the status of retrospective reviews.
6. Roberts presented an *update on AMS Strategic Planning*. Highlights included the AMS acquisition of the MAA Press, planning for new journals, activities in the AMS Government Relations office, and Open Access.
7. Dunne reported on the AMS Board of Trustees decision that MR should purchase an existing building in Ann Arbor, renovate it, and move operations there.
8. Roberts reviewed subscription information, including current subscription rates, consortia, and the MathSciNet for Developing Countries Program (MDC).
9. *Standards for Publishing Practices*.
   - The Committee voted unanimously to recommend that the AMS become a member of Committee on Publication Ethics (COPE).
   - The Committee voted to update the Mathematical Reviews Policy on Indexing Electronic Journals. Frommer and Dunne were charged with drafting a revision, which would be discussed and presented for a vote by electronic means.
10. *Editorial Standards*. MREC discussed the needs for editorial standards that emphasize the mathematical curation of the MR database. The everyday editorial decisions at MR are governed by the MR Editorial Statement. MREC voted to make minor changes to the MR Editorial Statement now, with a project to update it over the coming year. A subcommittee consisting of Frommer, Cook, and Dunne was charged with reviewing

the editorial statement and suggesting updates for consideration at the 2019 MREC meeting.

11. *MR Database Statistic.* Richert reviewed statistics concerning the number and type of items in the MR Database as a function of time.
12. *MSC 2020*. Associate Editors Caicedo and Carlson reviewed the status of the MR/zbMATH revision of the Mathematics Subject Classification. The target is to have the new version released by autumn 2019.
13. *Reference List Journals*. Nine journals and two book series (collections) were approved to be added to the reference list program. Five of the journals were adopted by consent.
14. *Executive Session*. At 2:45pm, the Committee moved into executive session.
15. The meeting adjourned at 3:10pm.

Edward Dunne
on behalf of

Andreas Frommer
Chair of MREC

December 10, 2018

Statistics of Fellows Program (as of October 2018)

Year	Council target	Total nominees (including hold-overs)	Selected	Number of third year nominees selected	Number of second year nominees selected	Number of first year nominees selected	Living Fellows as of September 2018
2012			1125	--	--	--	1121
2013	75	62	50	--	--	50	1158
2014	60	132	63	--	3	60	1211
2015	50	178	50	0	6	44	1253
2016	50-65	194	65	9	15	41	1303
2017	50-65	153	63	15	4	44	1358
2018	50-65	144	65	7	5	53	1393

Number of Fellows Nominations Considered and Selected by the Fellows Selection Committee

Total	Total	2013		2014		2015		2016		2017		2018	
62		62	New nominations										
	50	50	Selected in 2013										
132		12	Rolled to 2014	120	New nominations								
	63	3	Selected in 2014	60	Selected in 2014								
178		9	Rolled to 2015	60	Rolled to 2015	109	New nominations						
	50	0	Selected in 2015	6	Selected in 2015	44	Selected in 2015						
194				54	Rolled to 2016	65	Rolled to 2016	75	New nominations				
	65			9	Selected in 2016	15	Selected in 2016	41	Selected in 2016				
153						50	Rolled to 2017	34	Rolled to 2017	69	New nominations		
	63					15	Selected in 2017	4	Selected in 2017	44	Selected in 2017		
144								30	Rolled to 2018	24	Rolled to 2018	90	New nominations
	65							7	Selected in 2018	5	Selected in 2018	53	Selected in 2018
										19	Rolled to 2019	37	Rolled to 2019
											Selected in 2019		Selected in 2019
													Rolled to 2020
													Selected in 2020
10/16/2018													

The AMS Fellows Program

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

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

Goals of the Fellows Program

The goals of the Fellows Program are to:

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

I. Program

A. The Fellows program of the American Mathematical Society recognizes members who have made outstanding contributions to the creation, exposition, advancement, communication, and utilization of mathematics.

B. The responsibilities of Fellows are to:

1. Take part in the selection of new Fellows.
2. Present a “public face” of excellence in mathematics.
3. Advise the President and/or the Council on public matters when requested.

C. The target number of Fellows will be determined by the AMS Council as a percentage of the number of members. [1] The target percentage will be revisited by the Council at least once every ten years and may be increased or decreased in light of the history of the nomination and selection process. The intended size of each year’s class of new Fellows should be set with this target size in mind.

D. Following a selection process (see below), individuals are invited to become Fellows. They may decline and they may also resign as Fellows at any time.

E. Fellows receive a certificate and their names are listed on the AMS website. The names of new Fellows are also included in the Notices each year.

F. If they are not already Fellows, the AMS President and Secretary are made Fellows when they take office.

II. Initial Implementation

A. In the initial year of the program, individuals who were AMS members during both the years 2010 and 2011 and who had done one or more of the following were invited to become AMS Fellows: [2]

1. Given an invited AMS address (including at joint meetings). [3]
2. Been awarded an AMS research prize. [4]
3. Given an invited address at an International Congress of Mathematicians (ICM) or an International Congress of Industrial and Applied Mathematicians (ICIAM). [3]

B. An additional 50 individuals who were AMS members during both the years 2010 and 2011 were selected to become AMS Fellows. These were chosen by a committee appointed by the President with the advice of the Executive

Committee of the Council. Attention was paid to selecting AMS members recognized for their contributions beyond research.

III. Selection Process

A. New Fellows are selected each year after a nomination process. The nomination process is carried out under the direction of the Secretary with help from the AMS staff. The procedures for nominating AMS Fellows are available on the AMS website.

B. The Selection Committee will consist of twelve members of the AMS who are also Fellows, each serving a three-year term, and with four new members appointed each year. The AMS president, in consultation with the Executive Committee of the Council, appoints the new members of the Selection Committee in November of each year. At the same time, the President nominates a continuing member of the Selection Committee to serve as Chair.

C. The Selection Committee accepts nominations for Fellows between February 1 and March 31 each year. Nominations are made by members of the AMS. A member can nominate no more than 2 nominees a year. Current members of the Selection Committee are not allowed to participate in a Fellows nomination either as a principal nominator or as a supporting member.

D. To be eligible for nomination to Fellowship, an individual must be an AMS member for the year in which he or she is nominated as well as for the prior year. Self-nominations are not allowed.

E. A principal nominator must supply a package with the following information on the nominee:

   1. A Curriculum Vitae *of no more than five pages.*

   2. A citation of fifty words or less explaining the person's accomplishments.

   3. A statement of cause of 500 words or less explaining why the individual meets the criteria of Fellowship.

   4. The signatures of the principal nominator and three additional (supporting) AMS members who support the nomination, with at least two of these individuals current Fellows. Each supporting member is asked to explain in a sentence or two why they are supporting the nomination. Their remarks will be very helpful to the selection committee.

F. Any person who is nominated and is not selected a Fellow will remain an active nominee for a further two years.

G. Each year the January Council provides a guideline for the number of Fellows to be selected. [5] The Selection Committee chooses Fellows from the

nominations bearing in mind this guideline, diversity of every kind, and the quality and quantity of the external nominations.

H. Those members who are chosen by the Selection Committee are invited by the President to become new Fellows of the AMS.

IV. Footnotes

1: The original proposal's recommendation to Council was 5% of members. At that time there were about 30,000 members so the number of Fellows would be about 1,500.

2: It was anticipated that the the seeding process described in II.A would produce offers of Fellows status to approximately 800 current AMS members.

3: An invited address is one given at the invitation of the program committee and delivered before January 1, 2012.

4: These are the Birkhoff, Bôcher, Cole, Conant, Doob, Eisenbud, Fulkerson, Moore, Robbins, Satter, Steele, Veblen, Whiteman, and Weiner prizes. Again, the prize must have been awarded before January 1, 2012.

5: It is anticipated that during a transition period of approximately 10 years about 75 new Fellows will be appointed each year. In the steady state of 1500, it is anticipated that about 40 new Fellows positions will occur annually due to attrition.

Appendix A: Change history

Change history for the Fellows program document. Each row represents a Council action.

Date of Council Action	Reference to Minutes	Change required	Location in this document where change is found
		[update table in date-descending order, most recent first]	
Jan 2014	Section 4.10.2, p. 11	Council approved the sentence “Current members of the Selection Committee may not make nominations for Fellows.” Council voted to clarify this by replacing this sentence with ``Current members of the Selection Committee may not participate in a Fellows nomination either as a principal nominator or as a supporting member."	Item III, C.
Jan 2014	Section 4,10.3, p. 12	Council approved amending the proposed request to supporting nominators to read “Please explain in a sentence or two why you are supporting this nomination. Your remarks will be very helpful to the selection committee".	Item III, E, 4 updated with “Each Supporting AMS Member is asked to explain in a sentence or two why they are supporting the nomination. Their remarks will be very helpful to the selection committee.”
Jan 2014	Section 4.10.1, p. 13	Council approved the Fellows Selection Committee recommendation that self-nominations no longer be allowed.	Item III, D.
April 2012	Section 4.6.1, p. 8	In the Selection Committee charge, Council approved removing the sentence “The Selection Committee has the discretion to make nominations to fulfill the general goals of the Fellowship“. This document was also updated to reflect the same information as the charge.	Item III, G.

Young Scholars Award Committee
Report
October 27, 2018
Joel Spencer, Chair

Our committee communicated via email and then had a conference call on January 4, 2018. We funded 18 programs, of a pool of 29 programs, in amounts varying from $ 2500 to $ 15000. The smaller amounts were for programs that were very small in numbers and/or very short in length. Full length programs were generally funded for between $ 8000 and our maximum $ 15000. The total funding was $ 125000.

We are pleased with the response of the many math camps. We feel that this program is satisfying its original goal in encouraging math camps for talented high school students. As one who played a role in setting up the Epsilon Fund I am personally very pleased.

The applications for the next round have not yet been submitted. We expect to examine the proposals in December and make our determinations in early January.

Annual Report
Mathematical Council of the Americas
Fall 2018

[*From the Secretary: The Mathematical Council of the Americas (MCofA) is a network for professional mathematical societies and research institutes based in the Americas dedicated to promoting the development of mathematics in all its aspects, highlighting the excellence of mathematical achievements in the Americas within the context of the international arena, and fostering the scientific integration of all mathematical communities in the Americas. The MCofA has the responsibility of organizing the Mathematical Congress of the Americas, a series of conferences to be held every four years, starting in 2013.*

As a Regular Member of the Mathematical Council of the Americas, the AMS has three representatives on the Council. Those members are currently Herb Clemens, Susan Friedlander, and Steven Weintraub.]

Brief Report on the activities in 2018 of the Mathematical Council of the Americas.

1. Buenos Aires was selected by the MCofA as the host city for MCA 2021, July 19-24.

2. The MCofA set up the scientific program committee chaired by Alejandro Adem. Six plenary speakers have accepted the invitation to speak. Twenty one invited speakers have confirmed. Preliminary information can be seen on the Congress web site: www.mca2021.org

3. The local organizing committee has been established chaired by Andrea Solotar. Steven Weintraub is the AMS associate secretary for MCA2021.

4. MCofA had a face to face meeting at the ICM in Rio. The MCA2021 was discussed together with other activities that are supported financially by the MCofA.

Herb Clemens, Susan Friedlander, Steven Weintraub
AMS representatives to the MCofA
October 2018

Report of the Arnold Ross Lecture Series Committee

November 1, 2018

The 2018 Arnold Ross Lecture was given on on Wednesday, October 24, 2018 by Professor Tadashi Tokieda, Professor of Mathematics at Stanford University, at the Saint Louis Science Center in St. Louis, Missouri. The title of Professor Tokieda's lecture was "A World from a Sheet of Paper", and it examined the mathematics and diverse phenomena related to the traditional Japanese art of origami.

The 2019 Arnold Ross Lecture is scheduled to be given on Friday, May 31, 2019 at Penn State University, and the speaker will be Professor Bjorn Poonen, Claude Shannon Professor of Mathematics at MIT.

In the past, the Arnold Ross Lecture has been held at a science museum on a weekday in the fall. However, this year T. Christine Stevens (Associate Executive Director for Meetings and Professional Services of the American Mathematical Society) informed me that for the 2019 year the AMS has decided to do something different. Instead of being held at a science center in the fall, the 2019 lecture will be held at one of the American Regions Math League (ARML) competitions < http://www.arml2.com/arml_2018/page/ > in May. There are four regional competitions each year, and for 2019 it was decided to hold the Arnold Ross Lecture at the largest site (Penn State University), which attracts about 1,100 students to the ARML competition.

The Arnold Ross Committee was tasked with selecting and inviting a speaker for Spring 2019. After deliberation, the first choice of the committee was determined to be Bjorn Poonen, and we were fortunate that he accepted our invitation to speak. In addition to his many research accomplishments in Algebraic Geometry and Number Theory, Professor Poonen was selected by the committee due to his extensive experience in mathematics competitions for young people: He is four-time Putnam Competition winner, silver medalist in the 1985 International Mathematical Olympiad, winner of the 1985 U.S.A. Mathematical Olympiad, and the only participant (out of 380,000) to receive a perfect score on the 1985 American High School Mathematics Exam. The committee believes that Professor Poonen's experiences will resonate with the students at the ARML competition. Even more importantly, the committee was impressed with Professor Poonen's passion for mathematics, numerous skills as a communicator, and fervent interest in nurturing the next generation of young mathematicians. We anticipate that he will be an ideal speaker for the 2019 Arnold Ross Lecture Series.

The Arnold Ross Committee also extends its sincere thanks to Robin Hagan Aguiar for the support she provided throughout the invitation process.

Sincerely,

Mark Tomforde, chair of the Arnold Ross Lecture Series Committee

on behalf of the Arnold Ross Lecture Series Committee members:

David E Marker, University of Illinois at Chicago
Steven Joel Miller, Williams College
Zvezdelina E Stankova, University of California at Berkeley
Mark Tomforde, University of Houston

2018 Annual Report
The AMS-MAA Joint Committee on Teaching Assistants and Part-Time Instructors (JTTAPTI)

Members: Solomon Friedberg (Chair), John D. Boller, David Futer, Angela K. Kubena, Jean Marie Linhart, Edward Lowell Richmond, Tom Roby, Michael J. Weingart.

Activities: The committee organized two events at the 2018 joint meetings in San Diego: A panel discussion on Teaching-Focused Faculty at Research Institutions, moderated by Tom Roby, and a panel discussion on The Experiences of Foreign Graduate Students as GTAs, moderated by Solomon Friedberg. The panel on Full Time Teaching Focused Faculty at Research Institutions had about 17 attendees. The discussion was wide ranging and brought out the variation in such positions and the experiences of the panel members. The panel on Foreign Graduate Student TAs was attended by only 12 people, probably as it was opposite both James Tanton and Uri Treisman. However, the graduate students spoke articulately and passionately about their experiences and attendees indicated that they found it helpful.

Committee Meeting: In the committee's meeting in January 2018, the Committee discussed a case of a student admitted with support to a graduate program in math who had that support withdrawn because the student had not responded in time, but who believed that he or she had more time to respond. The Committee decided that this isolated case, which apparently involved different understandings of a phone conversation, did not warrant involvement such as formulating a Statement of Best Practices concerning graduate admissions and offers of TAships. However if the Committee learns of further similar problems then drafting such a statement may be useful.

The Committee discussed writing a Statement of Best Practices concerning Teaching Assistants, including both their responsibilities and the responsibilities of institutions towards them. Some members believed that such a statement could be of value, but there was general agreement that more data concerning graduate students would be needed before going farther, as such a statement would need to cover a wide range of institutions and kinds of graduate programs. The Committee formulated a list of questions related to this, as well as a list of data related to part time instructors that it would find helpful to get. Dr. Thomas Barr, who supports data requests for the AMS, met with the committee and received our list of questions. Dr. Barr suggested using the Find a Graduate Program website of the AMS to get information about TA duties. He agreed to consider the Committee's other data requests and discuss them with the AMS Committee on Data, which met later during the 2018 JMM. However, we never received a follow up from him.

The meeting was also attended by Kathryn Kozak of Coconino Community College. Ms. Kozak reported on the StatPREP program, a joint program of the MAA, AMATYC and the ASA concerned with supporting instructors of elementary statistics courses and making such courses more data centric. She indicated that the program is open to TAs and part time instructors provided they are able to make curricular changes of the sort that StatPREP envisions.

Finally, since only half the committee was able to attend the 2018 committee meeting at the JMM in person, the committee agreed to try holding future meetings electronically.

Prior Business: The JTTAPTI continues to be concerned that issues related to Full-Time Non-Tenure Track faculty do not sit with any single committee. Such faculty play an increasingly important role in many departments, in both undergraduate teaching and in TA training and development. Accordingly, we believe that it is important that the committee structure of the AMS and of the MAA reflect this. Chair Friedberg raised this concern with the MAA Committee on the Profession. We hope that this will be the first step in addressing it.

Solomon Friedberg (11/02/2018)

2018 Annual Report of the Fan Fund Committee

The Fan Fund Committee for 2018 consisted of Lizhen Ji, Hongkai Zhao and Catherine Yan (Chair). This year we received six proposals; some of them are of very high quality. After much deliberation on both the scientific merit and the requested budget, the committee made the following recommendations.

1. The committee recommended to support the proposal by Dayue Chen from Peking University with the full amount $5,000 as requested.
2. The committee recommended to support the proposal by Hongkun Zhang from University of Massachusetts, Amherst with the full amount $5,000 as requested.
3. The committee recommended to support the proposal by Yong Yang from Texas State University with the full amount $4,800 as requested.
4. The committee recommended to support the proposal by Longhua Zhao from Case Western Reserve University. After a careful estimate, the committee believe the support amount $4,800 would be more reasonable.
5. The committee did not recommend the remaining two proposals for lack of concrete research plans.

In conclusion, for AY 2018, the committee recommended a total of $19,600 for 4 proposals from the Fan Fund.

Submitted by Catherine Yan (11/06/2018)
Fan Fund Committee Members: Lizhen Ji, Hongkai Zhao and Catherine Huafei Yan

November 14 2018

JCW ANNUAL REPORT

MAGGY TOMOVA AND SHELLY HARVEY

The Joint Committee on Women met via phone on April 5, 2018 and on November 3, 2018.

The Joint Committee on Women will be co-sponsoring a workshop entitled "Emerging Data Science Methods for Complex Biomedical and Cyber Data" at Augusta University on March 29-30, 2019. We are also co-sponsoring a panel titled "Pathways to Leadership" and a contributed paper session titled "Inclusive Excellence" at the Joint Mathematics Meetings in 2019.

A new AMATYC (American Mathematical Association of Two-Year Colleges) Committee on equal opportunity is restarting after some years (initially started in the 1980's). AMATYC has a large number of women so this committee is focused more on under-represented minorities with a mentoring program for faculty in their first-two years of teaching at a community college. There is also a focus on sessions at the upcoming Annual Conference.

This year, the Joint Committee on Women elected to create an electronic flyer to send out prior to the Joint Mathematics Meetings instead of the traditional printed one. The flyer can be printed whenever needed.

The Joint Committee on Women remains committed to efforts to increase the visibility of women in Math. We are continuing to work on expanding the entries for women mathematicians on Wikipedia. We are also studying the representation of women on editorial boards and ways to increase that. Finally, we remain active in improving the climate for female mathematicians especially with regards to harassment and discrimination of TAs and junior faculty.

Report of the Committee on Professional Ethics

A subcommittee to review the charge to COPE, with members Carla Savage (subcommittee chair), Greg Lawler, Jeremy Teitelbaum, and Bob Megginson (COPE chair) has submitted its report. While the recommendations are being considered, COPE has been requested to hold off on taking new cases. Several have been submitted to COPE while this process has been underway, to which the response has been to await resolution of the review process for our charge. At the time this has been resolved, COPE will notify those who have received that response of what our new charge is, and how we can proceed with their concerns in line with that charge.

Submitted for COPE by committee chair Bob Megginson (11/27/2018)

2018 ANNUAL REPORT OF THE AMS-ASA-MAA-SIAM DATA COMMITTEE

Prepared by AMS Staff with Amanda L. Golbeck, Chair, AMS-ASA-MAA-SIAM Data Committee, Professor and Associate Dean, Fay W. Boozman College of Public Health, University of Arkansas for Medical Sciences, Little Rock, AR,
agolbeck@uams.edu
November 27, 2018

The AMS-ASA-MAA-SIAM Joint Data Committee guides the collection and dissemination of data under the aegis of the Annual Survey of the Mathematical Sciences on matters of concern to the mathematical sciences community. The committee held its annual meeting during the Joint Mathematics Meetings in San Diego, CA in January 2018. There it discussed data gathered, summarized and published during the previous year and made recommendations on data to be gathered in 2018. AMS Staff in Providence, under the direction of T. Christine Stevens, Associate Executive Director for Meetings and Professional Services, carry out the collection and analysis of data and the writing of the reports jointly with the committee chair. AMS staff members involved in this work during 2018 included Thomas Barr, Special Projects Officer, Colleen Rose, AMS Survey Analyst, and Kayla Roach, AMS Survey Assistant.

Based on data gathered in questionnaires sent to departments of mathematical sciences in the U.S. and to new doctoral recipients that earned degrees between July 1, 2016–June 30, 2017, six reports were published in the *Notices of the AMS** during 2018.

Staff at AMS handled thirteen requests for specialized reports drawn from the Annual Survey Data. Five of these reports were faculty salaries peer analyses, and eight were special analyses of data.

Members of the committee for 2018 and the organization they represent are given below. Terms expire on January 31 of the listed year.

Thomas Barr	AMS	Ex Officio	Nate Ritchey	MAA	2021
Amanda L. Golbeck	ASA	2019	Wei Shen	ASA	2021
Abbe H. Herzig	AMS	2020	Alexander Suciu	AMS	2019
John Holcomb	MAA	2020	Bogdan Vernescu	SIAM	2019
Mark Huber	AMS	2019	Qing Wang	AMS	2020
Patti Lock	MAA	2018			

* 2017 Annual Survey of the Mathematical Sciences, edited by Amanda L. Golbeck, Thomas H. Barr, and Colleen A. Rose:

- Preliminary Report on the 2016-2017 New Doctoral Recipients, *Notices of the AMS* (2018), Volume 65 Number 2, pp. 172-173.
- Report on the 2015–2016 New Doctoral Recipients, *Notices of the AMS* (2018), Volume 65 Number 3 pp. 771-785.
- 2017-2018 Faculty Salaries Report, *Notices of the AMS* (2018), Volume 65 Number 7, pp. 829-835.
- Fall 2016 Departmental Profile Report, *Notices of the AMS* (2018), Volume 65 Number 8, pp. 952-962.
- Doctoral Degrees Conferred, 2016 - 2017, *Notices of the AMS* (2018), Volume 65 Number 8, pp. 969-999.
- 2016-2017 Academic Recruitment, Hiring, and Attrition, *Notices of the AMS (2018),* Volume 65 Number 11, pp. 1431-1435.

Attachment:

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

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

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

New Doctoral Recipients: Each calendar year the data gathering begins in April. Doctoral granting departments in the mathematical sciences in the U.S. are asked to provide information about their new doctoral recipients from July 1 the previous year through June 30 of the current year. The departments are asked for the names of their new doctoral recipients, dissertation titles, addresses, citizenship, current employment status, etc. A preliminary report on the information gathered by early fall is typically published in the following March issue of the *Notices of the AMS* with a final report published in the August issue of *Notices of the AMS.*

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

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

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

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

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

Other activities. The Annual Survey Data Committee also offers guidance to AMS survey staff on the data gathered for presentation as an online resource for prospective students in the Mathematical Sciences. This online resource *Graduate Programs in the Mathematical Sciences*, available at http://www.ams.org/programs/students/findgradprograms/findgradprograms is primarily intended as a convenient source of comparative information on graduate programs in the mathematical sciences. Prior to 2012, this information was published as a guidebook titled *Assistantships and Graduate Fellowships in the Mathematical Sciences*.

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

AMS Library Committee, 2018 Annual Report, November 20, 2018

The AMS library committee met on January 12, 2018 at the Joint Mathematics Meetings in San Diego. The agenda included the following topics:

Discussion Items

- Launching journals in the era of the Big Deal and database packages. (Robert Harington)
- Update on AMS eBooks for individuals and digital rights management (DRM) developments at the AMS. (Robert Harington)
- Update on MathSciNet development. (Edward Dunne)
- Input from the Committee regarding how open content is impacting mathematics. (JoAnn Sears) Examples include:
    - Open textbooks, such as University of Minnesota portal for open textbooks: https://www.lib.umn.edu/elearning/partnership/opentools
    - Open research, such as math on arXiv preprint server: https://www.nature.com/articles/nphys3862

Informational Item

- Status of the AMS/MAA Press acquisition. (Robert Harington)

Steven Kaliszewski and Brian Quigley were appointed co-chairs effective February 1, 2018. Other committee members are Mohamed Elhamdadi, Lauren Gala, Matthew Marsteller, Dustin Mixon, Mira Waller, and Alan Weinstein.

The committee is scheduled to meet 1:00-2:00pm on Friday, January 18, 2019 at the Joint Mathematics Meetings in Baltimore. Not all members plan to attend the meeting in person. The agenda will include a discussion of ideas for improving communication between departments and libraries and an update on open access models. Additional agenda items are being collected via email.

Steven Kaliszewski (Arizona State University), co-chair
Brian Quigley (University of California, Berkeley), co-chair

Annual Report
Mathematics Research Communities Advisory Board
Fall 2018

Mathematics Research Communities (MRC) is an AMS program that helps early-career mathematicians to get their research off to a good start and provides them a jump-start on research in new, rapidly developing areas of mathematics. It is supported by a generous grant from the National Science Foundation (NSF), donations from individuals, and AMS funds. Aimed at those who are close to finishing their doctorates or have recently earned their degrees, the program provides the participants with opportunities to build social and collaborative research networks with each other and with the senior organizers.

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

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

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

The program began in 2008 and currently has grant support through 2019. Up through the summer of 2018, the program has had 36 sets of organizers for topics that span a good bit of the mathematical research landscape and has produced roughly 1,300 participant alumni.

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

In 2018 the participants in the 2017 summer conferences completed their year in the program by organizing Special Sessions at the JMM in San Diego in 2018 and pursuing the collaborative research projects that they had initiated. These Special Session titles were: "Homotopy Type Theory," "Beyond Planarity: Crossing Numbers of Graphs," and "Dynamical Systems: Smooth, Symbolic, and Measurable."

The AMS ran five MRC conferences in the summer of 2018 at the Whispering Pines Conference Center in West Greenwich, Rhode Island:

The Mathematics of Gravity and Light, June 3 – 9, 2018
Organizers: Charles Keeton, Rutgers University; Arlie Petters, Duke University; Marcus Werner, Kyoto University.

Harmonic Analysis: New Developments on Oscillatory Integrals, June 3 – 9, 2018
Organizers: Philip T. Gressman, University of Pennsylvania; Larry Guth, Massachusetts Institute of Technology; Lillian B. Pierce, Duke University.

Quantum Symmetries: Subfactors and Fusion Categories, June 10 – 16, 2018
Organizers: David Penneys, The Ohio State University; Julia Plavnik, Texas A & M University; Noah Snyder, Indiana University.

Number Theoretic Methods in Hyperbolic Geometry ,June 10 – 16, 2018
Organizers: Benjamin Linowitz, Oberlin College; David Ben McReynolds, Purdue University; Matthew Stover, Temple University.

Agent-based Modeling in Biological and Social Systems, June 17 – 23, 2018
Organizers: Andrew Bernoff, Harvey Mudd College; Maria R. D'Orsogna, California State University at Northridge; Alan Lindsay, University of Notre Dame; Chad Topaz, Williams College; Alexandria Volkening, Mathematical Biosciences Institute at Ohio State; Lori Ziegelmeier, Macalester College.

In addition to the combined 119 NSF-supported summer conference participants, the five groups included a total of eight participants, mentors, and organizers who were partially or fully supported through funds external to the MRC program.

From a large number of pre-proposals and proposals submitted in the fall of 2017, the Advisory Board selected proposals for the following 2019 summer conferences:

Geometric Representation Theory and Equivariant Elliptic Cohomology, June 2 – 8, 2019
Dan Berwick-Evans, University of Illinois at Urbana-Champaign; Emily Cliff, University of Illinois at Urbana-Champaign; Nora Ganter, University of Melbourne; Arnav Tripathy, Harvard University; Joshua Jeishing Wen, University of Illinois at Urbana-Champaign

Stochastic Spatial Models, June 9 – 15, 2019
Shankar Bhamidi. University of North Carolina, Chapel Hill; Gerandy Brito, Georgia Institute of Technology; Michael Damron, Georgia Institute of Technology; Rick Durrett, Duke University; Matthew Junge, Duke University

Explicit Methods in Arithmetic Geometry in Characteristic p, June 16 – 22, 2019
Renee Bell, University of Pennsylvania; Julia Hartmann, University of Pennsylvania; Valentijn Karemaker, University of Pennsylvania; Padmavathi Srinivasan, Georgia Institute of Technology; Isabel Vogt, Massachusetts Institute of Technology

Detailed information and the online application form are available at http://www.ams.org/programs/research-communities/mrc-19, and applications are due by February 15, 2019.

Proposals to organize the 2020 MRCs were due on August 31, 2018, and AMS received a good number of pre-proposals and proposals. The Board has selected five, and pending funding, summer conferences with the following (provisional) titles will be offered in 2020:

- Analysis in Metric Spaces
- Combinatorial Applications of Computational Topology and Algebraic Geometry
- Dynamical Models of the Ecology of Infectious Diseases Across Multiple Scales
- Finding Needles in Haystacks: Using Combinatorics and Linear Algebra to Attack Inverse Problems
- New Problems in Several Complex Variables.

A proposal is in preparation for renewed funding from NSF for the MRC program, and it is due in mid-December.

Christian Ratsch, IPAM Deputy Director, chair, MRC Advisory Board
T. Christine Stevens, AMS Associate Executive Director, PI
Thomas H. Barr, AMS Special Projects Officer, co-PI
November 2018

AMS Committee on Women in Mathematics (COWIM)
Report to AMS Council on activity during 2018

COWIM members

- Donatella Danielli, Purdue University
- Susan Loepp, Williams College
- Lillian Pierce, Duke University
- Chad Topaz (chair), Williams College
- Suzanne Weekes, Worcester Polytechnic Institute

Committee communication

- In-person meeting, Thursday, January 11, 2018 at JMM San Diego
- Approximately 100 messages exchanged asynchronously

Priorities

COWIM set three priorities for this past year:

(1) Obtain data on climate for women in academic departments,
(2) Investigate the issue of gender diversity amongst winners of AMS prizes, awards, fellowships, and
(3) Bolster the relationship between COWIM and other parts of AMS.

We report briefly on each of these below.

Data on climate

In 2017, initially in collaboration with the AWM Policy and Advocacy Committee, COWIM discussed and developed goals for a study on the climate for women in academic departments. This discussion resulted in a memo circulated to various AMS staff. Later in 2017, AMS signed on to participate in the NSF-supported STEM Inclusion Survey, which has some overlapping goals.

We received the following preliminary results from this study, passed on to COWIM by Director of Education and Diversity Helen Grundman:

- Women rated their agreement with the statement “I feel like I fit in with other people in my workplace” statistically significantly lower than men.

- The proportion of respondents agreeing that "women in my workplace must work harder than men to convince colleagues of their competence" was higher in the university sector than any other employment sector in the study.
- The percentage of respondents having various resources at their workplace is as follows:
    - Policies promoting diversity and inclusion (72%)
    - Training or mentoring for working effectively with a diversity of people (41%)
    - A policy allowing for parental leave (63%)
    - On-site child care services (30%)

This is interesting information, but unfortunately does not address the breadth of issues COWIM had identified in detail in our 2017 memo. We hope that AMS still might find mechanisms to gather data on those issues.

Gender representation and AMS prizes/awards/fellowships

During 2017, to help COWIM understand some mechanics of AMS prizes, awards, and fellowships (henceforth, "prizes," for brevity) COWIM assembled a preliminary list of questions and submitted this to AMS staff. From our interchanges with the staff, we learned several facts potentially related to gender representation of nominees and winners:

- Each prize description is set by the AMS Council, and that description guides the call for nominations. There is some flexibility in the language of the call.
- There exists a list of prize committee best practices. When AMS staff send nominations to each selection committee, they attach this list of best practices and call attention to it. There is currently no way to know whether these practices are followed.

During 2018, COWIM took three actions related to gender diversity in AMS prizes.

(1) We worked with AMS Secretary Carla Savage to request that the call for AMS Fellows includes the phrase "We particularly encourage nominations that reflect the growing diversity of our profession."
(2) We solicited from AMS Associate Executive Director Chris Stevens the study AMS had conducted on the gender of AMS Fellowship nominees and winners. The results show that during 2014 - 2018, women comprised approximately 16% of nominees as well as 16% of winners. Perhaps unsurprisingly, this result suggests the importance of increasing the pool of women nominees.
(3) In light of the previous point, we communicated with at length with SIAM Executive Director Jim Crowley about SIAM's Canvassing Committee, which aims to increase diversity amongst the pool of nominees for SIAM Fellowships by soliciting nominations. COWIM feels AMS could investigate a similar option. Additionally, though, we note that as nomination for a Fellowship requires that the nominee is an AMS member, efforts to

recruit more women as AMS members are crucial. COWIM understands the percentage of AMS members who are women to be low.

COWIM's relationship to AMS

This past year, COWIM noted that many issues discussed seem inextricably linked to work done by COPROF. We asked AMS if a more formal relationship between COWIM and COPROF could be set up. We received an invitation for a COWIM member to attend COPROF's fall meeting, though due to the timing of the invitation, no members could attend. COWIM understands that AMS is discussing whether to make this invitation ongoing annually.

Respectfully submitted,

Chad Topaz
Professor of Mathematics
Williams College
12/03/2018

Committee on Human Rights of Mathematicians

General Description

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

Principal Activities

The Committee has in fact confined its activity to the rights of foreign mathematicians. Definitions, obligations, and restrictions are contained in the document entitled *Charge to the Committee on Human Rights, Concerning Foreign Mathematicians* (inserted below), which is a document endorsed by the Council. The potential reminder of the charge has not been written.

Taken from the Council Minutes of 03 April 2004:

Charge to the Committee on Human Rights, Concerning Foreign Mathematicians

1. The AMS believes that human rights violations are serious matters. In recent years, the AMS has intervened on behalf of several foreign mathematicians and even on behalf of whole groups of mathematicians. This Committee will assist the Society in such matters by investigating alleged violations of human rights of foreign mathematicians whether these violations are alleged to have occurred in the U.S. or abroad and by recommending appropriate action whenever action seems warranted.

2. A foreign mathematician, for the purpose of the Committee, is a person residing outside the U.S. and professionally engaged in a mathematical science (such as pure mathematics, applied mathematics, mathematical statistics, computing science, and operations research) or trained for such activity. The purpose of this rule is to limit the activities of the Committee to cases in which our members may be presumed to have a feeling of genuine professional identification with the alleged victim. By violations of human rights, the Committee is to understand violations of freedoms enumerated in the Universal Declaration of Human Rights and in the Affirmation adopted by the National Academy of Sciences, USA, violations which deprive a mathematician of the opportunity to practice his or her profession. In most cases, it would be inappropriate to consider less drastic offenses such as dispute over appointments, denial of promotion or withdrawal of professional recognition.

3. The first duty of the Committee is to investigate complaints received by it or referred to it by officers of the Society. The Committee is encouraged to make polite inquiries to foreign governments and embassies (since a timely polite inquiry may be more valuable than a vociferous protest later on). In conducting its investigation, the Committee cannot always hope to prove a case beyond a reasonable doubt or to hear all sides. In some cases, the Committee may be unable to elicit information from the government in question, and may have no way of direct communication with the victim. The committee should arrive at recommendations for actions (or inaction) using common sense, any source of information available, and the advice of organizations which have had extensive experience in human rights cases (in particular, the International League for the

Rights of Man and Amnesty International). More specific information can be found at http://www.un.org/Overview/rights.html.
4. The Committee should not work from a particular political orientation but rather should be willing to defend the human rights of any foreign mathematician whatever that mathematician's political stance or ideology may be.

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

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

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

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

Authorization
Council minutes of 23 August 1976, p.3; Council minutes of 26 January 1977, attachment.
Council minutes 0f 03 April 2004, item 4.5;
Updated 10/31/90; 8/24/94; 5/04/95; 3/22/99; 4/3/04; 10/13 Other Activities, membership, Note, Misc Info

Past Members
A list of current and past members is available here:
http://www.ams.org/about-us/governance/committees/humanright-past.html

Review of Committee on Human Rights of Mathematicians

Robert Bryant, Wilfrid Gangbo, Jeremy Teitelbaum (chair)

September 2018

Background

In 2017, CoPROF charged a subcommittee chaired by David Savitt to review the charge and activities on the subcommittee on Human Rights of Mathematicians. The subcommittee issued a report to CoPROF that:

(i) Endorsed the continued operation of the subcommittee on Human Rights;
(ii) Noted that the charge of the committee included human rights issues of US mathematicians, as well as mathematicians abroad, since the 1980's – although this fact had been lost;
(iii) Recommended that the AMS continue to participate in the AAAS Coalition on Science and Human Rights;
(iv) and revised the charge to the committee, simplifying the language and updating some references to explicitly include reference to sexual preference and gender identity.

CoPROF in turn endorsed these recommendations and forwarded them to the Council, where they were not adopted and the matter was referred back to CoPROF for further consideration. The objections from the council seemed to fall into several categories:

(i) That the AMS lacked the resources to properly investigate human rights issues and would be unable to pick and choose among many cases brought before it;
(ii) That the AMS would have little impact, as the most it could do would be to issue public statements or take other symbolic action;
(iii) and that by involving itself in such matters the AMS might expose itself to financial or reputational risk.

CoPROF asked a subcommittee chaired by Jeremy Teitelbaum and including Wilfrid Gangbo and Robert Bryant to reconsider this matter in light of these concerns. The subcommittee met by conference call and discussed this matter by email over the course of the 2018 prior to the CoPROF meeting in September.

Findings

1. Many important scientific societies have subcommittees or other structures to promote human rights for scientists, both in the US and around the world.

The subcommittee reviewed the human rights activities by other major scientific societies. Both the American Physical Society (APS) and American Chemical Society (ACS) are members (with the AMS) of the AAAS Science and Human Rights Coalition and they report on their web pages:

(i) ACS: "ACS monitors potential threats to the scientific freedom and human rights of chemical scientists and engineers, as well as to chemistry-related professionals. When evidence is presented that a scientist's or engineer's human rights have been abridged, ACS may undertake a variety of mechanisms to respond to the allegation, including letter writing campaigns, conducting fact-finding meetings with government officials at home and abroad, and other public outreach activities."

(ii) APS: "APS monitors and advocates for the rights of scientists in the United States and around the globe through the Committee on International Freedom of Scientists (CIFS)." The APS also awards the Sakharov Prize to recognize leadership and/or achievements by scientists in upholding human rights.

Also members of this coalition are the American Political Science Association, the American Statistical Association, the American Sociological Association, the Acoustical Society, and other professional scholarly professional societies.

The National Academies have an extensive set of documents regarding human rights as well as a standing Committee on Human Rights that uses the resources of the Academies to advocate on behalf of specific cases, as well as to promote human rights generally. The National Academies comment on both international and US issues – for example, they recently issues the following statement regarding the separation of families at the US border:

"The presidents of NAS, NAE, and NAM have issued a statement urging the U.S. Department of Homeland Security to immediately stop separating migrant children from their families. Reports from the National Academies of Sciences, Engineering, and Medicine contain an extensive body of evidence on the factors that affect the welfare of children – evidence that points to the danger of current immigration enforcement actions that separate children from their parents. In addition, the Committee on Human Rights stresses that the practice of separating parents from their children at the border is inconsistent with U.S. obligations under the International Covenant on Civil and Political Rights."

2. The concern that the the AMS might expose itself to legal risk if it takes a position on human rights matters is unfounded.

Teitelbaum discussed this issue at length with Jessica Wyndham, who directs the AAAS Coalition on Science and Human Rights. She knew of no example where any of the professional societies were exposed to lawsuits or other risks as a result of public statements on human rights matters. She is an expert in this field, with considerable experience, and she felt that this was simply not an issue.

As indicated above, professional societies have frequently spoken out about all types of issues, including human rights issues; their freedom to do so is well-established and protected by the First Amendment.

3. While it is true that the AMS can take only limited action on human rights matters (such as issuing public statements and writing letters), this is not a justification for failing to speak out.

First, one should not underestimate the power of statements by professional societies, whose opinions do carry weight. Second, public statements on human rights matters also communicate to the membership of the society that the mathematical community opposes violations of human rights. Third, it will reflect badly on the mathematical community if it stands by silently while other scientific societies speak out. Lastly, while the AMS acting alone may have limited influence, as a voice together with the rest of the scientific community it may have considerable influence.

4. The AMS has a tradition of speaking out on human rights matters dating back to the 1970's when the community opposed Soviet treatment of Jews and Jewish mathematicians. That tradition should be maintained, and, indeed, we believe the membership of the society expects it to be maintained.

Obviously we have not conducted a survey on this matter, but we believe that the mathematical community expects the AMS to show leadership in human rights matters and to speak out when governments abuse the rights of mathematicians individually or academics generally. There is simply no call for walking away from this leadership position.

Conclusions

The subcommittee recommends to CoPROF that it resubmit the report of the Committee from 2017, with the small amendment noted below, and with this report attached, and that it urge the council strongly to re-authorize the committee on human rights of mathematicians with its revised charge.

As a housekeeping matter, we propose amending the report from 2017 to drop the dependent clause beginning 'since a timely...' from the sentence

"The Committee is encourated to make polite inquiries to governments and embassies, since a timely polite inquiry may be more valuable than a vociferous protest later on."

As a point of information, we include the text of the National Academy's 'affirmation' referenced in the 2017 report.

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TINGS

DEADLINE for ABSTRACTS and NEWS ITEMS

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to P.O. Box 6248, Providence, Rhode Island 02940.

Society

Notices OF THE AMERICAN MATHEMATICAL SOCIETY

CONTENTS

October, 1976

:ar; or, if a one-year appointment terminates
academic year, at least three months in ad-
its termination. *later than December 15 of the second aca-
ar of service*, if the appointment expires at
of that year; or, if an initial two-year appoint-
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and Tenure*, prepared by the American Associa-
niversity Professors.
rther specification of the academic due process
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Association of University Professors and the
on of American Colleges in 1958. This interpre-
ment deals with the issue of suspension, about
e 1940 Statement is silent.
958 Statement provides: "Suspension of the fac-
nber during the proceedings involving him is
only if immediate harm to himself or others is
ed by his continuance. Unless legal considera-
bid, any such suspension should be with pay."
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the opportunity for a hearing is in effect a sum-
smissal in violation of academic due process.
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generally.

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on April 7, 1967.
Academic Freedom, Tenure, and Employment
who have been denied tenure after teaching at the
settled by mutual agreement, and the other is now

Murray Gerstenhaber
John W. Jewett
P. S. Mostert (chairman)

AFFIRMATION OF FREEDOM ADOPTED BY ACADEMY

An "affirmation of freedom of inquiry and expression" has been adopted by the National Academy of Sciences (NAS) with the hope that it will be supported by individual scientists around the world. Conceived by NAS president Philip Handler and foreign secretary George Hammond, the affirmation is to be signed by individuals and sent to the NAS as an expression of concern about the rights of scientists living under repressive governments.

In addition to the affirmation, the first such general statement of principles ever issued by the NAS, the Academy has issued a new set of guidelines which say it will no longer "eschew" public declarations.

The affirmation has been endorsed by Lipman Bers, president of the American Mathematical Society and an NAS member. In an article in the May 21, 1976, issue of Science, he is quoted as saying, "The affirmation will be correctly interpreted as a sign that the Academy is taking more of an interest in these problems than it has until now, but it is important to remember that, by having signed it, we will not have fulfilled our duty. We must see our signing as a commitment to speak out publicly in concrete cases."

Copies of the United Nations Universal Declaration of Human Rights are available on request from the Public Inquiries Unit, United Nations, New York, New York 10017.

An Affirmation of Freedom of Inquiry and Expression

I hereby affirm my dedication to the following principles:

That the search for knowledge and understanding of the physical universe and of the living things that inhabit it should be conducted under conditions of intellectual freedom, without religious, political or ideological restriction.

That all discoveries and ideas should be disseminated and may be challenged without such restriction.

That freedom of inquiry and dissemination of ideas require that those so engaged be free to search where their inquiry leads, free to travel and free to publish their findings without political censorship and without fear of retribution in consequence of unpopularity of their conclusions. Those who challenge existing theory must be protected from retaliatory reactions.

That freedom of inquiry and expression is fostered by personal freedom of those who inquire and challenge, seek and discover.

That the preservation and extension of personal freedom are dependent on all of us, individually and collectively, supporting and working for application of the principles enunciated in the United Nations Universal Declaration of Human Rights and upholding a universal belief in the worth and dignity of each human being.

Date _____ Signed _____

☐ I would prefer, for personal reasons, that my name not be made public as a signer of this document.

Signed statements should be directed to the Commission on International Relations, National Academy of Sciences, 2101 Constitution Avenue, N.W., Washington, D. C. 20418.

Speaking in the name of the American Mathematical Society

Excerpt from the AMS Bylaws:

> *Article IV, Section 8.* ***The Council shall also have power to speak in the name of the Society*** *with respect to matters affecting the status of mathematics or mathematicians, such as proposed or enacted federal or state legislation; conditions of employment in universities, colleges, or business, research or industrial organizations; regulations, policies, or acts of governmental agencies or instrumentalities; and other items which tend to affect the dignity and effective position of mathematics.*
>
> *With the exception noted in the next paragraph, a favorable vote of two-thirds of the entire membership of the Council shall be necessary to authorize any statement in the name of the Society with respect to such matters. With the exception noted in the next paragraph, such a vote may be taken only if written notice shall have been given to the secretary by the proposer of any such resolution not later than one month prior to the Council meeting at which the matter is to be presented, and the vote shall be taken not earlier than one month after the resolution has been discussed by the Council.*
>
> *If, at a meeting of the Council, there are present twelve members, then the prior notification to the secretary may be waived by unanimous consent. In such a case, a unanimous favorable vote by those present shall empower the Council to speak in the name of the Society.*
>
> *The Council may also refer the matter to a referendum of the entire membership of the Society and shall make such reference if a referendum is requested, prior to final action by the Council, by two hundred or more members. The taking of a referendum shall act as a stay upon Council action until the votes have been canvassed, and thereafter no action may be taken by the Council except in accordance with a plurality of the votes cast in the referendum.*

LAST UPDATED: 12/04/17 @ 9:15 AM by EHH

LIST OF SELECTED MEETINGS, HOLIDAYS, AND RELIGIOUS OBSERVANCES
FOR USE BY AMS STAFF WHEN SCHEDULING AMS MEETINGS

This is a list of dates and sites of various meetings, holidays, and religious observances that AMS staff has been instructed to avoid conflicting with when scheduling AMS meetings. It includes meetings of AMS Council, ECBT, ABC, Policy Committees, etc. This list is ***NOT INTENDED TO BE ALL-INCLUSIVE*** and ***SHOULD BE USED IN CONJUNCTION WITH*** the *Mathematics Calendar*: www.ams.org/meetings/calendar/mathcal.

Please notify Sheila Rowland (sjr@ams.org) or Ellen Heiser (ehh@ams.org) of any changes that should be made to this file.

DATE	MEETING/HOLIDAY/RELIGIOUS OBSERVANCE	SITE
December 7, 2017 (Thu)	Conference Board of the Mathematical Sciences (CBMS) Council Meeting	Washington, DC
December 2-4, 2017 (Sat-Mon)	Council of Scientific Society Presidents' (CSSP) Meeting	Washington, DC
December 12-20, 2017 (Tue-Wed)	Hanukkah	---
December 25, 2017 (Mon)	Christmas Day	*All AMS Offices Closed*
January 1, 2018 (Mon)	New Year's Day	*All AMS Offices Closed*
January 9, 2018 (Tue)	AMS Council Meeting	San Diego, CA
January 10-13, 2018 (Wed-Sat)	AMS-MAA Joint Mathematics Meetings (JMM)	San Diego, CA
January 15, 2018 (Mon)	Martin Luther King, Jr. Day	*All AMS Offices Closed*
February 15-19, 2018 (Thu-Mon)	American Association for the Advancement of Science (AAAS) Annual Meeting	Austin, TX
February 18-21, 2018 (Sun-Wed)	Council of Engineering and Scientific Society Executives (CESSE) CEO Meeting	Fort Myers, FL
February 19, 2018 (Mon)	President's Day	*AMS DC Office Closed* *RI & MI Offices Open*
March 10-13, 2018	American Council on Education (ACE) Annual Meeting	Washington, DC
March 17-18, 2018 (Sat-Sun)	AMS Sectional Meeting	Ohio State University Columbus, OH
March 23, 2018 (Fri)	AMS Secretariat Meeting	Providence, RI
March 24, 2018 (Sat)	AMS Committee on Meetings & Conferences (COMC)	Providence, RI
March 30, 2018 (Fri)	Good Friday	---
March 30, 2018 (Fri)	Passover begins at sundown	---
March 31, 2018 (Sat)	Passover (first day)	---

DATE	MEETING/HOLIDAY/RELIGIOUS OBSERVANCE	SITE
April 1-7, 2018 (Sun-Sat)	Passover (days 2-8)	---
April 1, 2018 (Sun)	Easter	---
April 6, 2018 (Fri)	Agenda and Budget Committee (ABC) Meeting	Web Conference
April 7-8, 2018 (Sat-Sun)	USA Science & Engineering Festival	Washington, DC
April 10-11, 2018 (Tues-Wed)	AMS Committee on Science Policy (CSP) Meeting	Washington, DC
April 14-15, 2018 (Sat-Sun)	AMS Sectional Meeting The Erdős Memorial Lecture will be given by Andrea Bertozzi (April 14, 5:00 p.m.)	Vanderbilt University Nashville, TN
April 14-15, 2018 (Sat-Sun)	AMS Sectional Meeting	Portland State University Portland, OR
April 21-22, 2018 (Sat-Sun)	AMS Sectional Meeting The Einstein Public Lecture in Mathematics will be given by Edward Frenkel (April 21, 5:15 p.m.)	Northeastern University Boston, MA
April 25-28, 2018 (Wed-Sat)	National Council of Teachers of Mathematics (NCTM) Annual Meeting	Washington, DC
April 28, 2018 (Sat)	AMS Council Meeting	Chicago, IL
April 30, 2018 (Mon)	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
May 10, 2018 (Thu)	AMS Committee on Committees Meeting	Providence, RI
May 11-12, 2018 (Fri-Sat)	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Providence, RI
May 28, 2018 (Mon)	Memorial Day	*All AMS Offices Closed*
June 11-14, 2018 (Mon-Thu)	AMS Joint International Meeting with the Chinese Mathematical Society	Fudan University Shanghai, China
July 4, 2018 (Wed)	Independence Day	*All AMS Offices Closed*
July 9-13, 2018 (Mon-Fri)	Society for Industrial and Applied Mathematics (SIAM) Annual Meeting	Portland, OR
July 28-August 2, 2018 (Sat-Thu)	Joint Statistical Meetings (JSM)	Vancouver, BC, Canada
July 29-30, 2018 (Sun-Mon)	International Mathematical Union (IMU) General Assembly	São Paulo, Brazil
August 1-9, 2018 (Wed-Thu)	International Congress of Mathematicians (ICM 2018)	Rio de Janeiro, Brazil
August 1-4, 2018 (Wed-Sat)	Mathematical Association of America (MAA) MathFest	Denver, CO
August 13, 2018 (Mon)	Victory Day	*AMS RI Office Closed* *DC & MI Offices Open*

DATE	MEETING/HOLIDAY/RELIGIOUS OBSERVANCE	SITE
September 3, 2018 (Mon)	Labor Day	*All AMS Offices Closed*
September 9-11, 2018 (Sun-Tue)	Rosh Hashanah	---
September 14-15, 2018 (Fri-Sat)	AMS Committee on Publications (CPUB) Meeting	Chicago, IL
September 15-16, 2018 (Sat-Sun)	AMS Committee on the Profession (CoProf) Meeting	Chicago, IL
September 23-25, 2018 (Sun-Sun)	Sukkot	---
September 29-30, 2018 (Sat-Sun)	AMS Sectional Meeting	University of Delaware Newark, DE
October 5, 2018 (Fri)	Agenda and Budget Committee (ABC) Meeting	Web Conference
October 8, 2018 (Mon) ***TENTATIVE***	AMS Mathematical Reviews Editorial Committee (MREC) Meeting	Ann Arbor, MI
October 8, 2018 (Mon)	Columbus Day	*AMS RI & DC Offices Closed* *MI Office Open*
October 11-13, 2018 (Thu-Sat)	AMS Committee on Education (COE) Meeting	Washington, DC
October 20-21, 2018 (Sat-Sun)	AMS Sectional Meeting	University of Michigan, Ann Arbor, MI
October 27-28, 2018 (Sat-Sun)	AMS Sectional Meeting	San Francisco State University San Francisco, CA.
October 29, 2018 (Mon)	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
November 3-4, 2018 (Sat-Sun)	AMS Sectional Meeting	University of Arkansas, Fayetteville, AR
November 11, 2018 (Sun)	Veterans' Day	---
November 12, 2018 (Mon)	Veterans' Day observed	*AMS RI Office Closed* *DC & MI Offices Open*
November 16-17, 2018 (Fri-Sat)	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Providence, RI
November 22, 2018 (Thu)	Thanksgiving Day	*All AMS Offices Closed*
November 23, 2018 (Fri)	Day after Thanksgiving	*AMS RI & DC Offices Closed* *MI Office Open*
December 2-10, 2018 (Sun-Mon)	Hanukkah	---
December 25, 2018 (Tue)	Christmas Day	*All AMS Offices Closed*

DATE	MEETING/HOLIDAY/RELIGIOUS OBSERVANCE	SITE
January 1, 2019 (Tue)	New Year's Day	*All AMS Offices Closed*
January 15, 2019 (Tue)	AMS Council Meeting	Baltimore, MD
January 16-19, 2019 (Wed-Sat)	AMS-MAA Joint Mathematics Meetings (JMM)	Baltimore, MD
January 21, 2019 (Mon)	Martin Luther King, Jr. Day	*All AMS Offices Closed*
February 14-18, 2019 (Thu-Mon)	American Association for the Advancement of Science (AAAS) Annual Meeting	Washington, DC
February 18, 2019 (Mon)	President's Day	*AMS DC Office Closed* *RI & MI Offices Open*
March 15-17, 2019 (Fri-Sun)	AMS Sectional Meeting	Auburn University Auburn, AL
March 22-24, 2019 (Fri-Sun)	AMS Sectional Meeting The Einstein Public Lecture in Mathematics will be given by Barry Mazur on March 23	University of Hawaii at Manoa Honolulu, HI
April 3-6, 2019	National Council for Teachers of Mathematics (NCTM) Annual Meeting	San Diego, CA
April 5, 2019 (Fri) ***TENTATIVE***	Agenda and Budget Committee (ABC) Meeting	Web Conference
April 6, 2019 (Sat) ***TENTATIVE***	AMS Council Meeting	Chicago, IL
April 13-14, 2019 (Sat-Sun)	AMS Sectional Meeting	University of Connecticut Hartford Hartford, CT
April 19-27, 2019 (Fri-Sat)	Passover	---
April 19, 2019 (Fri)	Good Friday	---
April 21, 2019 (Sun)	Easter	---
April 29, 2019 (Mon)	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
May 16, 2019 (Thu) ***TENTATIVE***	AMS Committee on Committees Meeting	TBD
May 17-18, 2019 (Fri-Sat) ***TENTATIVE***	AMS Executive Committee and Board of Trustees (ECBT) Meeting	TBD
May 27, 2019 (Mon)	Memorial Day	*All AMS Offices Closed*
June 10-13, 2019	AMS Joint International Meeting with the Vietnamese Mathematical Society	Quy Nhon University Quy Nhon City, Vietnam
July 4, 2019 (Thu)	Independence Day	*All AMS Offices Closed*
July 15-19, 2019 (Mon-Fri)	International Congress on Industrial and Applied Mathematics (ICIAM)	Valencia, Spain
July 27-August 1, 2019 (Sat-Thu)	Joint Statistical Meetings (JSM)	Denver, CO

DATE	MEETING/HOLIDAY/RELIGIOUS OBSERVANCE	SITE
July 31-August 3, 2019 (Wed-Sat)	Mathematical Association of America (MAA) MathFest	Cincinnati, OH
August 12, 2019 (Mon)	Victory Day	*AMS RI Office Closed* *DC & MI Offices Open*
September 2, 2019 (Mon)	Labor Day	*All AMS Offices Closed*
September 29-October 1, 2019 (Sun-Tue)	Rosh Hashanah	---
October 1, 2019 (Tue)	last day of Rosh Hashanah	---
October 8-9, 2019 (Tue-Wed)	Yom Kippur	---
October 11, 2019 (Fri) ***TENTATIVE***	Agenda and Budget Committee (ABC) Meeting	Web Conference
October 12-13, 2019 (Sat-Sun)	AMS Sectional Meeting	Binghamton University, Binghamton, NY
October 13-20, 2019 (Sun-Sun)	Sukkot	---
October 14, 2019 (Mon) ***TENTATIVE***	AMS Mathematical Reviews Editorial Committee (MREC) Meeting	Ann Arbor, MI
October 14, 2019 (Mon)	Columbus Day	*AMS RI & DC Offices Closed* *MI Office Open*
October 28, 2019 (Mon)	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
November 2-3, 2019 (Sat-Sun)	AMS Sectional Meeting	University of Florida, Gainesville, FL
November 11, 2019 (Mon)	Veterans' Day	---
November 22-23, 2019 (Fri-Sat) ***TENTATIVE***	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Providence, RI
November 28, 2019 (Thu)	Thanksgiving Day	*All AMS Offices Closed*
November 29, 2019 (Fri)	Day after Thanksgiving	*AMS RI & DC Offices Closed* *MI Office Open*
December 22-30, 2019 (Sun-Mon)	Hanukkah	---
December 25, 2019 (Wed)	Christmas Day	*All AMS Offices Closed*
January 1, 2020 (Wed)	New Year's Day	*All AMS Offices Closed*
January 14, 2020 (Tue)	AMS Council Meeting	Denver, CO
January 15-18, 2020 (Wed-Sat)	AMS-MAA Joint Mathematics Meetings (JMM)	Denver, CO
January 20, 2020 (Mon)	Martin Luther King, Jr. Day	*All AMS Offices Closed*

DATE	MEETING/HOLIDAY/RELIGIOUS OBSERVANCE	SITE
February 13-17, 2020 (Thu-Mon)	American Association for the Advancement of Science (AAAS) Annual Meeting	Seattle, WA
February 17, 2020 (Mon)	President's Day	*AMS DC Office Closed* *RI & MI Offices Open*
April 3, 2020 (Fri) ***TENTATIVE***	Agenda and Budget Committee (ABC) Meeting	Web Conference
April 8-16, 2020 (Wed-Thu)	Passover	---
April 10, 2020 (Fri)	Good Friday	---
April 12, 2020 (Sun)	Easter	---
April 27, 2020 (Mon)	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
May 14, 2020 (Thu) ***TENTATIVE***	AMS Committee on Committees Meeting	Providence, RI
May 15-16, 2020 (Fri-Sat) ***TENTATIVE***	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Providence, RI
May 25, 2020 (Mon)	Memorial Day	*All AMS Offices Closed*
July 4, 2020 (Sat)	Independence Day	---
July 5-11, 2020	8th European Congress of Mathematicians (8ECM)	Portoroz, Slovenia
July 29-August 1, 2020	Mathematical Association of America (MAA) MathFest	Philadelphia, PA
August 1-6, 2020 (Sat-Thu)	Joint Statistical Meetings (JSM)	Philadelphia, PA
August 10, 2020 (Mon)	Victory Day	*AMS RI Office Closed* *DC & MI Offices Open*
September 7, 2020 (Mon)	Labor Day	*All AMS Offices Closed*
September 18-20, 2020 (Fri-Sun)	Rosh Hashanah	---
September 27-28, 2020 (Sun-Mon)	Yom Kippur	---
October 2-9, 2020 (Fri-Fri)	Sukkot	---
October 9, 2020 (Fri) ***TENTATIVE***	Agenda and Budget Committee (ABC) Meeting	Web Conference
October 12, 2020 (Mon) ***TENTATIVE***	AMS Mathematical Reviews Editorial Committee (MREC) Meeting	Ann Arbor, MI
October 12, 2020 (Mon)	Columbus Day	*AMS RI & DC Offices Closed* *MI Office Open*
October 14, 2020 (Wed) ***TENTATIVE***	Agenda and Budget Committee (ABC) Meeting	Web Conference
October 21-24, 2020	National Council for Teachers of Mathematics (NCTM) Annual Meeting	St. Louis, MO

DATE	MEETING/HOLIDAY/RELIGIOUS OBSERVANCE	SITE
October 26, 2020 (Mon)	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
November 11, 2020 (Wed)	Veterans' Day	---
November 20-21, 2020 (Fri-Sat) ***TENTATIVE***	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Providence, RI
November 26, 2020 (Thu)	Thanksgiving Day	*All AMS Offices Closed*
November 27, 2020 (Fri)	Day after Thanksgiving	*AMS RI & DC Offices Closed* *MI Office Open*
December 10-18, 2020 (Thu-Fri)	Hanukkah	---
December 25, 2020 (Fri)	Christmas Day	*All AMS Offices Closed*
January 1, 2021 (Fri)	New Year's Day	*All AMS Offices Closed*
January 5, 2021 (Tue)	AMS Council Meeting	Washington, DC
January 6-9, 2021 (Wed-Sat)	AMS-MAA Joint Mathematics Meetings (JMM)	Washington, DC
July 19-23, 2021 (Mon-Fri)	Mathematical Congress of the Americas (MCA 2021)	Buenos Aires, Argentina
January 5-8, 2022, (Wed-Sat)	AMS-MAA Joint Mathematics Meetings (JMM)	Seattle, WA
January 4-7, 2023 (Wed-Sat)	AMS-MAA Joint Mathematics Meetings (JMM)	Boston, MA