

COUNCIL MINUTES

San Antonio, Texas

09 January 2015 at 2:30 p.m.

Prepared February 17, 2015

Revised April 27, 2015

Abstract

The Council of the Society met at 2:30 p.m. (CST) on Friday, 09 January 2015 in the Texas Ballroom-Salon A, located on the fourth floor of the Grand Hyatt San Antonio, 600 E. Market Street, San Antonio, TX 78205.

These are the minutes of the meeting. Although several items were discussed in Executive Session, all actions taken are reported in these minutes.

Contents

1	Call to Order	6
1.1	Opening of the Meeting and Introductions	6
1.2	2014 Elections	6
1.3	Council Members	6
1.4	Retiring Members	6
2	Minutes	7
2.1	Minutes of the April 2014 Council	7
2.2	Minutes of the 05/2014 and 11/2014 Executive Committee and Board of Trustees Meetings	7
3	Consent Agenda	7
3.1	Menger Prize Committee Charge	7
3.2	History of Mathematics Editorial Committee Charge	8
3.3	Mathematical Surveys and Monographs Editorial Committee Charge	8
4	Reports of Boards and Standing Committees	8
4.1	Tellers' Report on the 2014 Elections [Executive Session]	8
4.1.1	Tellers' Report on the Election of Officers	8
4.1.2	Tellers' Report on the Election to the Nominating Committee	9
4.1.3	Tellers' Report on the Election to the Editorial Boards Committee	9
4.2	Executive Committee and Board of Trustees	9
4.2.1	Appointments of AMS Officers [Executive Session]	9
4.2.1.1	Associate Secretary of the Central Section	9
4.2.1.2	Associate Secretary of the Western Section	10
4.2.1.3	Associate Treasurer	10
4.2.2	Dues Levels for the 2016 Membership Year	10
4.3	Committee on Science Policy	10
4.4	Committee on Meetings and Conferences	10
4.5	Committee on Education	10
4.6	Committee on the Profession	11
4.6.1	Steele Prize for Lifetime Achievement	11
4.6.2	Steele Prize for Seminal Contribution to Research	11
4.6.3	Approval Process for New Prizes	12
4.6.4	Chevalley Prize in Lie Theory	12
4.6.5	Centennial Fellowship	12
4.6.6	The Charge of the AMS Committee on Professional Ethics	13
4.6.7	Mass Email to AMS Members	14
4.7	Committee on Publications	14
4.7.1	AMS Translation Committees	15
4.8	Mathematical Reviews Editorial Committee	15
4.9	Fellows Selection Committee	15
4.10	Report from the Committee on Academic Freedom, Tenure and Employment Security (CAFTES)	15

4.11	Report from the AMS Representative to the Canadian Mathematical Society . . .	16
4.12	Report from the AMS Committee on Professional Ethics	16
4.13	Report from the AMS Committee on Women in Mathematics	16
4.14	Report from the Joint Committee on Women in the Mathematical Sciences (JCW)	16
4.15	Report from the Mathematical Research Communities (MRC) Advisory Board .	16
4.16	Report from the Arnold Ross Lecture Committee	16
4.17	Report from the AMS-AAAS Liaison Committee	16
4.18	Report from the AMS Library Committee	16
4.19	Report from the Short Course Subcommittee	17
4.20	Report from the Fan Fund Committee	17
5	Old Business	17
6	New Business	17
6.1	Welcoming Environment Policy	17
6.2	Guidelines for the Fellows Selection Committee on the Number of New Fellows .	17
6.3	Committee to Select the Winner of the Chevalley Prize	18
6.4	Proposal to Establish an AMS Office of Education and Diversity	19
6.5	Comments from the Representative from the Canadian Mathematical Society . .	19
7	Announcements, Information and Record	19
7.1	Budget	19
7.2	Executive Committee Actions	19
7.3	Notices Chief Editor Search	20
7.4	Next Council Meeting	20
7.5	Future Scientific and Governance Meetings	20
8	Adjournment	20

Attachments

A	2014 AMS Governance	22
B	2015 AMS Governance	24
C	Charge to the Menger Prize Committee	26
D	Charge to the History of Mathematics Committee	28
E	Charge to the Mathematical Surveys and Monographs Committee	29
F	Determining the 2016 Individual Member Dues Recommendation	30
G	Annual Report of the AMS Committee on Science Policy	34
H	Annual Report of the AMS Committee on Education	36
I	Annual Report of the AMS Committee on the Profession	41
J	Centennial Fellowships	45
K	Ethical Guidelines	49
L	Excerpt from the COPE Manual	53
M	Proposed Charge to COPE	55
N	Background on Mass Email	57
O	Annual Report of the AMS Committee on Publications	59
P	Proposal to Consolidate Translation Committees	64
Q	Charge to the Translations of Mathematical Monographs Committee	66
R	Report of the Mathematical Reviews Editorial Committee	67
S	Report of the Fellows Selection Committee	68
T	Report of CAFTES	69
U	Report from the AMS Representative to the CMS	71
V	Report from the AMS Committee on Professional Ethics	73
W	Report from the AMS Committee on Women in Mathematics	75
X	Report from the Joint Committee on Women in Mathematics	77

Y	Report from the MRC Advisory Board	87
Z	Report from the Arnold Ross Lecture Series Committee	89
AA	Report from the AMS-AAAS Liaison Committee	91
AB	Report from the AMS Library Committee	92
AC	Report from the Short Course Subcommittee	96
AD	Report from the Fan Fund Committee	98
AE	Policy on a Welcoming Environment	99
AF	Proposal for a Fellows Program of the AMS	100
AG	Proposal to Establish an AMS Office of Education and Diversity	105
AH	Future Scientific and Governance Meetings	114
AI	Tellers' Report on 2014 Election	122

1 Call to Order

1.1 Opening of the Meeting and Introductions

The meeting was called to order at approximately 2:36 p.m. (CST). President David Vogan, who presided throughout, called on members and guests to introduce themselves. Members present in addition to Vogan were Dan Abramovich, Alejandro Adem, H el ene Barcelo, Arthur T. Benjamin, Georgia Benkart, Brian Boe, Susanne C. Brenner, Robert Bryant, James Carlson, Robert J. Daverman, Jes us De Loera, Richard Durrett, Lisa Fauci, Susan J. Friedlander, Allan Greenleaf, Jane Hawkins, Tara S. Holm, Michel Lapidus, Michael Larsen, Kristen Lauter, Susan Montgomery, Zbigniew Nitecki, Andrew Odlyzko, Ken Ono, Nata sa Pavlovi c, Victoria Powers, Amber Puha, Kenneth Ribet, Jennifer Taback, Christoph Thiele, and Steven H. Weintraub. Members not in attendance were Ralph Cohen, Sergei Fomin, Peter Sarnak, Carla Savage, and Ronald Solomon. Among the guests present were Edward Dunne (AMS Executive Editor for Mathematical Reviews), Eric Friedlander (Chair, Committee on Science Policy), Sergei Gelfand (AMS Publisher), Pamela Gorkin (AMS Council MAL Elect), Robert Griess (Chair, Nominating Committee), Robert Harington (AMS Associate Executive Director for Publications), Darla Kremer (Program Director, AMS Secretary), Robin Marek (AMS Director of Development), Ellen J. Maycock (AMS Coordinator of Special Projects), Donald E. McClure (AMS Executive Director), T. Christine Stevens (AMS Associate Executive Director for Meetings and Professional Services), Johan Rudnick (AMS Executive Director), and Charles Weibel (Chair, Committee on Publications). Steven Weintraub was the Associate Secretary with a vote at this meeting.

1.2 2014 Elections

The Society conducted its annual elections in the fall of 2014. Except for the new members of the Nominating Committee, those elected will take office on 01 February 2015. 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

1.3 Council Members

A list of 2014 Council members can be found in Attachment A and a list of 2015 Council members can be found in Attachment B.

1.4 Retiring Members

The terms of David Vogan as President,¹ Robert Bryant as President Elect,² Andrew Odlyzko as Vice President, Robert Daverman as Former Secretary, Dan Abramovich, H el ene Barcelo,³ Arthur Benjamin, James Carlson, Victoria Powers as Council Members at Large, and Ralph

¹Vogan will remain on the Council and as a member of the Executive Committee while serving as Immediate Past President.

²Bryant will become President.

³Barcelo will remain on the Council as a member of the Executive Committee.

Cohen as a member of the Executive Committee⁴ and as Representative of *Mathematical Surveys and Monographs* will end on 31 January 2015. This will be their final Council meeting in their current positions.

The Council agreed that the Secretary should send thanks to each of them for sharing their wisdom with the Society and the Council and for their service to the mathematical community.

The Council also agreed that the Secretary should recognize Robert J. Daverman for his twenty-two years on the Council, guiding scientific policy and overseeing the governance of the Society.

2 Minutes

2.1 Minutes of the April 2014 Council

The minutes of the April 2014 Council were posted and distributed by email prior to the meeting. They are available here:

www.ams.org/council-minutes0414.pdf.

The Council approved the minutes as distributed.

2.2 Minutes of the 05/2014 and 11/2014 Executive Committee and Board of Trustees Meetings

The ECBT met in Providence, Rhode Island in May and again in November. The minutes of those meetings have been distributed and are considered part of the minutes of the Council. They are also available at:

www.ams.org/sec-ecbt-minutes

3 Consent Agenda

The following items were approved by consent. (Items on the Consent Agenda are considered approved unless brought to the floor for discussion in which case they must be approved in the ordinary manner and reported in the appropriate section elsewhere in the Council Minutes.)

3.1 Menger Prize Committee Charge

The Karl Menger Fund Prize Committee was originally charged with administering the judging of the mathematics section of the International Science and Engineering Fair (ISEF). It functions differently now in that the committee travels to the Fair and judges the mathematically oriented projects and awards first, second, and third place prizes.

⁴Cohen's term on the Executive Committee will end when a new member is elected in February 2015.

Attachment C contains the current charge to the Menger Prize Committee and a proposed revision to better reflect its current activities. This revision was reviewed and approved by the Committee on the Profession at its September 2014 meeting.

3.2 History of Mathematics Editorial Committee Charge

The History of Mathematics Editorial Committee and the Committee on Publications (CPub) proposed a change in the charge to the History of Mathematics Editorial Committee.

The current charge indicating the proposed change is attached (Attachment D). CPub approved this change at its September 2014 meeting.

3.3 Mathematical Surveys and Monographs Editorial Committee Charge

Since 2005, the Mathematical Surveys and Monographs (MATHSURV) and University Lecture Series (ULECT) Editorial Committees have shared a reciprocal relationship whereby a member of one committee may serve on the other to ensure that there is appropriate editorial coverage on both committees. As a result, the MATHSURV committee has either four or five members, depending on whether dual membership is needed.

At its 2014 meeting, at the request of the publisher, the Committee on Publications approved the following changes to the MATHSURV charge:

- Change the number of members from “four” to “four or five”
- Delete the paragraph of text which appears after **General Description** and before **Principal Activities**

A mark-up of the current charge indicating the proposed changes is attached (Attachment E).

4 Reports of Boards and Standing Committees

4.1 Tellers’ Report on the 2014 Elections [Executive Session]

The Society conducted its annual elections in the fall of 2014. There were 3,564 Ballots cast; 3,391 of these were web ballots and 173 were paper ballots. The report of the Tellers is attached (Attachment AI).

4.1.1 Tellers’ Report on the Election of Officers

Those elected will take office on 01 February 2015. 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 Carlos Kenig, University of Chicago

Members at Large Matthew Baker, Georgia Institute of Technology
Edward Frenkel, University of California, Berkeley
Pamela Gorkin, Bucknell University
Wen-Ching Winnie Li, Pennsylvania State University
Mary Pugh, University of Toronto

Trustee Joseph H. Silverman, Brown University

4.1.2 Tellers' Report on the Election to the Nominating Committee

The following people were elected to the AMS Nominating Committee. Their terms of office are 01 January 2015 – 31 December 2017.

Douglas N. Arnold University of Minnesota
Christine Guenther Pacific University
Kavita Ramanan Brown University

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

The following were elected to the Editorial Boards Committee. Their terms of office are 01 February 2015 – 31 January 2018.

Daniel Calegari University of Chicago
Hee Oh Yale University

Council approved the various Tellers' Reports.

4.2 Executive Committee and Board of Trustees

4.2.1 Appointments of AMS Officers [Executive Session]

The Executive Committee and Board of Trustees (ECBT) recommended the reappointment of two Associate Secretaries and the Associate Treasurer. H el ene Barcelo, the Executive Committee member serving on the ECBT Nominating Committee, reported to the Council on the actions of the ECBT pertaining to the reappointments.

4.2.1.1 Associate Secretary of the Central Section

The third term of **Georgia Benkart** as Associate Secretary of the Central Section expires 31 January 2016. The ECBT recommended reappointment for another two-year term (01 February 2016– 31 January 2018).

Council appointed her as Associate Secretary for a fourth term.

4.2.1.2 Associate Secretary of the Western Section .

The eighth term of **Michel L. Lapidus** as Associate Secretary of the Western Section expires 31 January 2016. The ECBT recommended reappointment for another two-year term (01 February 2016 – 31 January 2018).

Council appointed him as Associate Secretary for a ninth term.

4.2.1.3 Associate Treasurer .

The second term of Associate Treasurer **Zbigniew Nitecki** expires on 31 January 2016. The ECBT recommended reappointment for another two-year term (01 February 2016 – 31 January 2018).

Council appointed him as Associate Treasurer for a third term.

4.2.2 Dues Levels for the 2016 Membership Year

Using principles adopted in 2005 and following advice from the AMS staff, the ECBT has recommended that individual member dues in 2016 be increased by \$4 to \$188 for Regular members in the high income category. (Dues for other categories follow a formula, a percentage of the Regular individual member dues.) The cutoff between the high income and low income categories remains at \$85,000.

The information used in formulating this recommendation, as well as a complete description of the procedure and principles, is contained in Attachment F.

Council approved the ECBT recommendations.

4.3 Committee on Science Policy

The AMS Committee on Science Policy (CSP) met in Washington, D.C., on March 14-15, 2014. The annual report of this committee is attached (Attachment G) and has been filed in the AMS Committee Report book as Report Number 141113-010. On behalf of the committee chair, David Vogan provided an oral report during the April 2014 Council Meeting.

4.4 Committee on Meetings and Conferences

The Committee on Meetings and Conferences (CoMC) met in Chicago, Illinois on March 8, 2014. The annual report of this committee was delivered at the April 2014 Council meeting and has been filed in the AMS Committee Report book as Report Number 140304-002.

4.5 Committee on Education

The AMS Committee on Education (COE) met in Washington, D.C., on October 16–18, 2014. The annual report of this committee is attached (Attachment H) and has been filed in the

AMS Committee Report book as Report Number 141113-009. Tara Holm, the committee chair, provided an oral report.

4.6 Committee on the Profession

The AMS Committee on the Profession (CoProf) met in Chicago, Illinois, on September 13–14, 2014. The annual report of this committee is attached (Attachment I) and has been filed in the AMS Committee Report book as Report Number 141208-015. Allan Greenleaf, the committee chair, provided an oral report and introduced several CoProf recommendations for Council consideration.

4.6.1 Steele Prize for Lifetime Achievement

The Committee on the Profession made the following recommendations to the ECBT:

- Set the award amount of the Steele Prize for Lifetime Achievement at \$10,000;
- The Society should seek ways to substantially increase the award amounts of all three Steele Prizes from their current level of \$5,000; and
- The frequencies and amounts of other AMS prizes should NOT be changed at this time.

ECBT approved these recommendations in the Executive Session of its May 2014 meeting and recommended that the Council approve them.

Council approved the recommendations.

4.6.2 Steele Prize for Seminal Contribution to Research

Based on a recommendation of its Prize Oversight Subcommittee, the Committee on the Profession recommended that the subject-area rotation applied to the Steele Prize for Seminal Contribution to Research be changed from a five-year cycle to a six-year cycle and that the topics be changed from (1) Analysis (2) Algebra; (3) Applied Mathematics; (4) Geometry/Topology; (5) Discrete Mathematics alternating with Logic (each awarded every ten years) to

1. Analysis/Probability;
2. Algebra/Number Theory;
3. Applied Mathematics;
4. Geometry/Topology;
5. Discrete Mathematics/Logic;
6. Open

[The Council Agenda inaccurately stated the current topics as (1) Algebra/Number Theory; (2) Geometry/Topology; (3) Analysis; (4) Applied Mathematics; (5) Discrete Mathematics alternating with Logic (each awarded every ten years)]

Council approved this recommendation.

4.6.3 Approval Process for New Prizes

Proposals for new prizes should be approved both by the Council and by the ECBT. Recently, thanks to the work of Robin Marek and the Development Committee, there have been several new prizes proposed by donors. In negotiations with potential donors, there are times when it is necessary to act quickly. To address this concern, the ECBT, in May 2010, approved the formation of a subcommittee with authority to act on behalf of the ECBT in early negotiations with potential donors, thus enabling timely responses and maximum confidentiality during negotiations. (The subcommittee is to be chosen from the President, Secretary, Treasurer and Chair of the Board of Trustees, together with the Executive Director.)

The Secretary recommended that the AMS Council grant the Executive Committee the authority to act on its behalf in such cases. CoProf endorsed this recommendation; Council was asked to do so as well.

After some discussion, Council expressed the sentiment that it is not prepared to adopt this recommendation. The motion failed.

4.6.4 Chevalley Prize in Lie Theory

At its November 2014 meeting, the ECBT accepted, with gratitude, a gift of \$150,000 from the Shaw Foundation made through the generosity of Professor George Lusztig, 2014 Shaw Laureate in Mathematical Sciences. As directed by Professor Lusztig, \$115,000 is designated as endowment to support a new prize to be named the Chevalley Prize in Lie Theory. The ECBT approved the amount and frequency of this new prize: \$8,000 to be awarded every two years.

CoProf recommends that the Council approve the following prize description:

Prize description: The Chevalley Prize was established by George Lusztig in 2014, in honor of Claude Chevalley (1909-1984). The award, to be called the Chevalley Prize, recognizes notable work in Lie Theory published during the preceding six years; a recipient should be at most twenty-five years past the Ph.D.

Prize details: The current prize amount is \$8000, awarded in even-numbered years, without restriction on society membership, citizenship, or venue of publication.

Council approved the description of the Chevalley Prize.

4.6.5 Centennial Fellowship

The AMS Centennial Research Fellowship Program makes awards annually to outstanding mathematicians to help further their careers in research. From 1997–2001, the fellowship program was aimed at recent PhDs. Over the years, the AMS Council approved changes in the rules for the fellowships. The primary selection criterion for the Centennial Fellowship is the excellence of the candidate's research. However the selection committee is also instructed to try to award the fellowship to those for whom the award would make a real difference in the development of their research careers.

Included in Attachment J is (1) an historical account of how the guidelines for awarding the Centennial Fellowship have changed over the years, (2) a table showing how the number of applicants has changed over the years and (3) the text that appears on the AMS web page for the Centennial Fellowship.

In January of 2013, in response to concerns of the Centennial Fellowship Selection Committee, the following restriction was adopted by Council:

“Recipients may not hold the Centennial Fellowship concurrently with another major research award such as a Sloan fellowship, NSF Postdoctoral fellowship or CAREER award.”

At the time, AMS President Friedlander expressed the hope that CoProf consider implementation mechanisms covering potential fellowship winners who are also named for other major research awards.

Since the Centennial Award is typically announced at the beginning of February, before some CAREER awards are announced, this is causing problems with the implementation of Council’s new restriction. Offers of the 2014-15 Centennial Fellowship were made in spring 2014. The candidates to whom the fellowships were offered were unable to accept them because they subsequently received NSF CAREER awards.

At its September meeting, CoProf discussed the issue and endorsed eliminating the restriction on CAREER Awards. This change would prevent problems caused by the fact that the Centennial Fellowship is typically announced before some of the CAREER awards have been made. Since CAREER awards generally do not provide academic-year support, CoProf felt that holding such a grant would not conflict with the Centennial Fellowship.

CoProf recommended that the following statement:

Recipients may not hold the Centennial Fellowship concurrently with another major research award such as a Sloan fellowship, NSF Postdoctoral fellowship or CAREER award.

be revised as follows:

Recipients may not hold the Centennial Fellowship concurrently with another major research award such as a Sloan fellowship or NSF Postdoctoral fellowship.

A motion to approve this revision was made and seconded. After some discussion, the motion failed on a vote of 14 opposed to 12 in favor.

4.6.6 The Charge of the AMS Committee on Professional Ethics

At the September 2013 meeting of CoProf, Secretary Savage requested that CoProf appoint a subcommittee to review and update the committee charges for both the Committee for Academic Freedom, Tenure, and Employment Security (CAFTES) and the AMS Committee on

Professional Ethics (COPE). The subcommittee, consisting of Dan Abramovich, Robert Daverman, Carla Savage and Abigail Thompson, produced a report recommending some changes to both charges. CoProf unanimously approved recommending to Council the changes suggested by the subcommittee. The COPE charge changes are described below. The CAFTES charge will be revisited at the next meeting of CoProf to consider recommendations of the current CAFTES committee in its 2014 report to the Council.

The CoProf subcommittee report noted that the current charge document for COPE contains a provisional charge for the committee that was adopted by the Council in 1983 when the committee was formed; they recommended that the charge be updated to reflect the following later Council actions.

First, in 1995, the AMS Council adopted a set of “Ethical Guidelines”, which were modified and approved in 2005. These are posted on the AMS website: <http://www.ams.org/about-us/governance/policy-statements/sec-ethics> and included in Attachment K.

Second, in 1996, the AMS Council approved a “COPE Manual”. The 12-page manual contains a formal charge to COPE and outlines procedures for its operation. It is posted on the AMS website: <http://www.ams.org/about-us/governance/policy-statements/copemanual.pdf>. An excerpt describing the role of COPE is included in Attachment L.

The current charge and the proposed updated charge are included in Attachment M. CoProf recommended to Council that the proposed charge to COPE be approved.

Council approved the proposed charge as written.

4.6.7 Mass Email to AMS Members

Following a recommendation of the Secretary and the Executive Director, the Committee on the Profession recommended to the Council the following policy on mass email messages:

Targeted mass email messages may be sent to the membership by or with the approval of the President, the Secretary, or the Executive Director provided that the messages comply with the practices adopted by the Society (i) to regulate the frequency with which messages are sent to various email lists and (ii) to comply with laws and regulations that enable recipients to opt out of selected types of messages.

The practices adopted by the Society require a senior executive to review the recipient list and the opt-out choices made available to recipients. Background is provided in Attachment N.

Council approved the policy as stated.

4.7 Committee on Publications

The AMS Committee on Publications (CPub) met in Chicago, Illinois, on September 12–13, 2014. The annual report of this committee is attached (Attachment O) and has been filed in the AMS Committee Report book as Report Number 141022-021. Charles Weibel, the commit-

tee chair, provided an oral report and introduced several CPub recommendations for Council consideration.

4.7.1 AMS Translation Committees

At its 2013 meeting, CPub considered the Publisher's proposal to consolidate the three committees responsible for editorial control of translated books published by AMS: Committee on Russian Translations, Committee on Translations from Chinese, and Committee on Translations from Japanese. The item was tabled to further evaluate each committee's current activity status. Subsequently, the Secretary's office verified that these committees were no longer active and the terms of the chairs had all ended in 2002 or earlier.

At its September 2014 meeting, CPub endorsed the Publisher's proposal (see Attachment P) to consolidate the three Translation Committees and recommended that Council do the same.

Council approved consolidating the three Translation Committees.

CPub also recommended that Council adopt the proposed charge in Attachment Q for the consolidated Translations of Mathematical Monographs Editorial Committee.

Council approved the proposed charge.

4.8 Mathematical Reviews Editorial Committee

The Mathematical Reviews Editorial Committee (MREC) met in Ann Arbor, Michigan on October 13, 2014. The committee considered a number of issues, none of which require Council action. The annual report of this committee is attached (Attachment R) and has been filed in the AMS Committee Report book as Report Number 141108-008. Executive Editor Ed Dunne provided an oral report on behalf of the committee.

4.9 Fellows Selection Committee

The Fellows Selection Committee completed its work of selecting the AMS Fellows for 2015 and has prepared a report which is attached (Attachment S). The report has been filed in the AMS Committee Report book as Report Number 140826-005.

In 2014, a target of 60 Fellows was set by the Council for the 2015 class of Fellows. The Fellows Selection Committee reviewed 132 nominations in 2014 and selected 63 Fellows for 2015. This is discussed further in item 6.2.

4.10 Report from the Committee on Academic Freedom, Tenure and Employment Security (CAFTES)

The 2014 annual report of the AMS Committee on Academic Freedom, Tenure and Employment Security is attached (Attachment T) and has been filed in the AMS Committee Report book as Report Number 141211-020.

4.11 Report from the AMS Representative to the Canadian Mathematical Society

The 2014 report from H el ene Barcelo who attended the Council of the Canadian Mathematical Society on behalf of AMS Representative T. Christine Stevens is attached (Attachment U) and has been filed in the AMS Committee Report book as Report Number 140801-004.

4.12 Report from the AMS Committee on Professional Ethics

The 2014 annual report of this committee is attached (Attachment V) and has been filed in the AMS Committee Report book as Report Number 141114-011.

4.13 Report from the AMS Committee on Women in Mathematics

The 2014 annual report of this committee is attached (Attachment W) and has been filed in the AMS Committee Report book as Report Number 141129-012.

4.14 Report from the Joint Committee on Women in the Mathematical Sciences (JCW)

The 2014 annual report of the AMS-ASA-AWM-IMS-MAA-NCTM-SIAM Committee on Women in the Mathematical Sciences is attached (Attachment X) and has been filed in the AMS Committee Report book as Report Number 141205-019.

4.15 Report from the Mathematical Research Communities (MRC) Advisory Board

The 2014 annual report of this committee is attached (Attachment Y) and has been filed in the AMS Committee Report book as Report Number 141021-007.

4.16 Report from the Arnold Ross Lecture Committee

The 2014 annual report of this committee is attached (Attachment Z) and has been filed in the AMS Committee Report book as Report Number 141130-014.

4.17 Report from the AMS-AAAS Liaison Committee

The 2014 annual report of this committee is attached (Attachment AA) and has been filed in the AMS Committee Report book as Report Number 141201-016.

4.18 Report from the AMS Library Committee

The 2014 annual report of this committee is attached (Attachment AB) and has been filed in the AMS Committee Report book as Report Number 141203-017.

4.19 Report from the Short Course Subcommittee

The 2014 annual report of this committee is attached (Attachment AC) and has been filed in the AMS Committee Report book as Report Number 141208-018.

4.20 Report from the Fan Fund Committee

The 2014 annual report of this committee is attached (Attachment AD) and has been filed in the AMS Committee Report book as Report Number 141130-013.

5 Old Business

None.

6 New Business

6.1 Welcoming Environment Policy

In response to a request from the Joint Committee on Women in the Mathematical Sciences (JCW), a “Welcoming Environment Policy” (see Attachment AE) was drafted by a committee with representatives from the AMS Committee on the Profession (CoProf), the AMS Committee on Meetings and Conferences (CoMC) and the AMS Committee on Women in Mathematics (CoWim). The policy was approved by CoMC and CoProf and recommended to Council.

Council approved the policy as stated.

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

Each year the January Council must provide a guideline for the number of Fellows to be selected that year. Attachment AF sets forth the process laid out in the Fellows Proposal that was approved by the membership. In particular, Item I.C, and Footnotes 1 and 5 of that document state that the target number of Fellows is determined by the AMS Council as a percentage of the membership. The Proposal’s recommendation to Council is that the target be about 5% of members, to be attained over the first ten years of the program, and that the target percentage be revisited by Council at least once every ten years. It might be increased or decreased in light of the history of the nomination and selection process. It was anticipated that during a transition period of approximately ten years about 75 new Fellows would be appointed each year. However, this 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.

The 2013 inaugural class consisted of 1125 Fellows. In 2013, the Fellows Selection Committee reviewed 62 nominations and selected 50 Fellows for the 2014 class. In 2014, a target of 60

Fellows was set by the Council for the 2015 class of Fellows. The Fellows Selection Committee reviewed 132 nominations and selected 63 Fellows for 2015.

At the end of 2014 there were 26,919 AMS members, 1,217 of whom are living Fellows. The Secretary asked the Executive Committee to recommend a number to the Council as the guideline for the election of new Fellows in 2016, the third year of the transition period.

The Executive Committee recommended to the Council that the target number of Fellows selected in 2015 for the Class of 2016 be set at 40.

A motion to approve the recommendation of the Executive Committee was made and seconded. After some discussion, an amended motion that the target number of Fellows selected in 2015 for the Class of 2016 be set at 50 was made and seconded. The amended motion carried.

6.3 Committee to Select the Winner of the Chevalley Prize

The Secretary recommended that Council establish a standing committee called the Committee to Select the Winner of the Chevalley Prize, members of which will be appointed by the President. This committee will make its biennial recommendation to the Executive Committee of the Council. The award will be presented in even-numbered years, the first award to be made in 2016.

The proposed Committee Charge follows:

General Description

- Committee is standing
- Number of members is three
- Term is four years
- Members are appointed by the President.

Charge

The Chevalley Prize was established by George Lusztig in 2014, in honor of Claude Chevalley (1909-1984). The prize recognizes notable work in Lie Theory published during the preceding six years; a recipient should be at most twenty-five years past the Ph.D. The current prize amount is \$8000, awarded in even-numbered years, without restriction on society membership, citizenship, or venue of publication.

Principal Activities

The committee will communicate its selection to the Secretary for approval by the Executive Committee of the Council. The committee recommendation should include a written citation for the nominee.

The Council established the Committee to Select the Winner of the Chevalley Prize and approved the charge to this committee as written.

6.4 Proposal to Establish an AMS Office of Education and Diversity

At the recent meetings of the Committee on Education and the Committee on the Profession, a proposal to establish an AMS Office of Education and Diversity was presented by William Jaco, Oklahoma State University, and Phil Kutzko, University of Iowa. The proposal was discussed by both committees. It was warmly received and, as indicated in the reports of those committees to the Council, both committees recommended that the Society explore the possibility of establishing such an office.

The proposal is included here as Attachment AG, including some additional information about the National Alliance for Doctoral Studies in the Mathematical Sciences, which might form the nucleus for a similar program within the AMS.

At its November meeting, the ECBT recommended that the President appoint an Advisory Committee to consider the proposal and to report to the Council and the ECBT by March 15, 2015. The President has appointed that committee and the committee has begun its deliberations. An informal discussion of this proposal took place after the Council dinner.

6.5 Comments from the Representative from the Canadian Mathematical Society

Johan Rudnick, Executive Director of the Canadian Mathematical Society (CMS), addressed the Council. He reported on the CMS efforts to revise its bylaws and plans to revamp its governance structure. He also mentioned that the 2017 Mathematical Congress of the Americas will be hosted by the CMS in July 2017 in Montreal.

7 Announcements, Information and Record

7.1 Budget

The Board of Trustees adopted the budget for 2015 as presented at its 22 November 2014 meeting.

7.2 Executive Committee Actions

Acting upon a recommendation from Peter Kuchment, the *Bulletin* Editor for Book Reviews, the Executive Committee (EC) appointed Israel Michael Sigal (Toronto, Ontario) and Mark Embree (Blacksburg, Virginia) as BAMS Associate Editors for Book Reviews for the 01 February 2015 – 31 January 2018 term. The EC also reappointed Lisa Jeffrey (Toronto, Ontario) to the same position for that term.

7.3 Notices Chief Editor Search

The current term of Steven Krantz as Chief Editor of the *Notices of the American Mathematical Society* ends 31 December 2016. Following the *Notices* charge, a search committee has been convened.

7.4 Next Council Meeting

The next AMS Council Meeting will be held Saturday, 25 April 2015, in Chicago, Illinois, starting at noon with a working lunch. As usual, a significant component of the Council meeting will be the actual nomination of candidates for election in 2015 to AMS offices, as proposed by the Nominating Committee.

In addition, there will be a Council discussion period addressing the question: *Is AMS membership still relevant for mathematicians?* These discussions were started in 2002. Previous discussion topics were: the role of the AMS in graduate and postdoctoral mathematics education (2002, 2003); membership, specifically, retention of nominee members and providing access to the Notices at certain periods as a members-only benefit (2004); the composition of the Council itself (2005); how to engage young mathematicians in the profession (2006 and 2011); what the AMS is doing concerning mathematics education, broadly considered (2007); international programs and the AMS (2008); improving the employment prospects of young Mathematicians (2009, 2010); additional steps the AMS might take to promote diversity (2012); the role of on-line materials, especially MOOCs, in college/university education (2013); and MathSciNet: Is it still a competitive product? What can be done to make it more valuable to mathematicians? (2014).

7.5 Future Scientific and Governance Meetings

See the current listing of all future meetings in Attachment AH.

8 Adjournment

The meeting adjourned at approximately 6:18 p.m. .

ATTACHMENTS

2014 AMS GOVERNANCE

2014 COUNCIL

Officers

President	David A. Vogan, Jr.	Massachusetts Institute of Technology	2014
President Elect	Robert Bryant	Duke University	2014
Vice Presidents	Susan Montgomery	University of Southern California	2016
	Andrew M. Odlyzko	University of Minnesota	2014
	Christoph Thiele	Universität Bonn	2015
Secretary	Carla D. Savage	North Carolina State University	2016
Associate Secretaries	Georgia Benkart	University of Wisconsin	2015
	Brian D. Boe	University of Georgia	2016
	Michel Lapidus	University of California, Riverside	2015
	Steven H. Weintraub	Lehigh University	2016
Former Secretary	Robert Daverman	University of Tennessee	2014
Treasurer	Jane M. Hawkins	University of North Carolina	2016
Associate Treasurer	Zbigniew Nitecki	Tufts University	2015

Representatives of Committees

Bulletin Editorial	Susan J. Friedlander, Chair	University of Southern California	2017
Colloquium Editorial	Peter Sarnak, Chair	Princeton University	2016
Executive Committee	Tara Holm	Cornell University	2016
Journal of the AMS	Sergey Fomin, Chair	University of Michigan	2016
Math Reviews Editorial	Ronald M. Solomon, Chair	Ohio State University	2016
Math Surveys & Monographs	Ralph L. Cohen, Chair	Stanford University	2014
Mathematics of Computation	Susanne C. Brenner, Chair	Louisiana State University	2015
Proceedings Editorial	Ken Ono, Chair	Emory University	2017
Transactions and Memoirs	Alejandro Adem, Chair	University of British Columbia	2016

Members at Large

Dan Abramovich	Brown University	2014
Hélène Barcelo	Mathematical Sciences Research Institute	2014
Arthur T. Benjamin	Harvey Mudd College	2014
James A. Carlson	Clay Mathematics Institute	2014
Jesus De Loera	University of California, Davis	2015
Richard T. Durrett	Duke University	2016
Lisa J. Fauci	Tulane University	2016
Allan T. Greenleaf	University of Rochester	2015
Michael J. Larsen	Indiana University	2016
Kristin E. Lauter	Microsoft Research	2016
Nataša Pavlović	University of Texas at Austin	2015
Victoria Powers	Emory University	2014
Amber L. Puha	California State University, San Marcos	2015
Kenneth A. Ribet	University of California, Berkeley	2015
Jennifer Taback	Bowdoin College	2016

2014 EXECUTIVE COMMITTEE

Hélène Barcelo	Mathematical Sciences Research Institute	2015
Robert Bryant	Duke University	<i>ex officio</i>
Ralph L. Cohen	Stanford University	2014
Tara S. Holm	Cornell University	2016
Kenneth A. Ribet	University of California, Berkeley	2017
Carla D. Savage	North Carolina State University	<i>ex officio</i>
David A. Vogan	Massachusetts Institute of Technology	<i>ex officio</i>

2014 TRUSTEES

Ruth Charney	Brandeis University	2016
Mark L. Green	University of California, Los Angeles	2014
Jane M. Hawkins	University of North Carolina	<i>ex officio</i>
William H. Jaco	Oklahoma State University	2015
Robert Lazarsfeld	Stony Brook University	2018
Zbigniew Nitecki	Tufts University	<i>ex officio</i>
David A. Vogan	Massachusetts Institute of Technology	<i>ex officio</i>
Karen Vogtmann	Cornell University	2017

2014 EDITORIAL BOARDS COMMITTEE

Walter Craig	McMaster University	2015
Sergei Gelfand	AMS	<i>ex officio</i>
Ralph Greenberg	University of Washington	2014
Walter D. Neumann	Barnard College	2015
Dana Randall	Georgia Institute of Technology	2014
Carla D. Savage	North Carolina State University	<i>ex officio</i>
Anne Schilling	University of California, Davis	2016
Daniel Stroock	Massachusetts Institute of Technology	2016

2014 NOMINATING COMMITTEE

Frederick R. Cohen	University of Rochester	2014
Peter Constantin	Princeton University	2016
Susan Friedlander	University of Southern California	2014
Fan Chung Graham	University of California, San Diego	2014
Robert Griess	University of Michigan	2016
Craig Huneke	University of Virginia	2015
Ken Ono	Emory University	2015
Amie Wilkinson	University of Chicago	2015
David Wright	Oklahoma State University	2016

2015 AMS GOVERNANCE

2015 COUNCIL

Officers

President	Robert Bryant	Duke University	2017
Immediate Past President	David A. Vogán, Jr.	Massachusetts Institute of Technology	2015
Vice Presidents	Carlos Kenig	University of Chicago	2017
	Susan Montgomery	University of Southern California	2016
	Christoph Thiele	Universität Bonn	2015
	Carla D. Savage	North Carolina State University	2016
Secretary	Georgia Benkart	University of Wisconsin	2018
Associate Secretaries	Brian D. Boe	University of Georgia	2016
	Michel Lapidus	University of California, Riverside	2018
	Steven H. Weintraub	Lehigh University	2016
	Jane M. Hawkins	University of North Carolina	2016
	Zbigniew Nitecki	Tufts University	2018
Treasurer			
Associate Treasurer			

Representatives of Committees

Bulletin Editorial	Susan J. Friedlander, Chair	University of Southern California	2017
Colloquium Editorial	Peter Sarnak, Chair	Princeton University	2016
Executive Committee	Tara Holm	Cornell University	2016
Executive Committee	Hélène Barcelo	Mathematical Sciences Research Inst.	2015
Journal of the AMS	Sergey Fomin, Chair	University of Michigan	2016
Math Reviews Editorial	Ronald M. Solomon, Chair	Ohio State University	2016
Math Surveys & Monographs	Michael Singer, Chair	University College London	2017
Mathematics of Computation	Susanne C. Brenner, Chair	Louisiana State University	2015
Proceedings Editorial	Ken Ono, Chair	Emory University	2017
Transactions and Memoirs	Alejandro Adem, Chair	University of British Columbia	2016

Members at Large

Matthew Baker	Georgia Institute of Technology	2017
Jesus De Loera	University of California, Davis	2015
Richard T. Durrett	Duke University	2016
Lisa J. Fauci	Tulane University	2016
Edward Frenkel	University of California, Berkeley	2017
Pamela Gorkin	Bucknell University	2017
Allan T. Greenleaf	University of Rochester	2015
Michael J. Larsen	Indiana University	2016
Kristin E. Lauter	Microsoft Research	2016
Wen-Cheng Winnie Li	Pennsylvania State University	2017
Nataša Pavlović	University of Texas at Austin	2015
Mary Pugh	University of Toronto	2017
Amber L. Puha	California State University, San Marcos	2015
Kenneth A. Ribet	University of California, Berkeley	2015
Jennifer Taback	Bowdoin College	2016

2015 EXECUTIVE COMMITTEE

Hélène Barcelo	Mathematical Sciences Research Institute	2015
Robert Bryant	Duke University	<i>ex officio</i>
Tara S. Holm	Cornell University	2016
Kenneth A. Ribet	University of California, Berkeley	2017
Carla D. Savage	North Carolina State University	<i>ex officio</i>
David A. Vogan	Massachusetts Institute of Technology	<i>ex officio</i>

2015 TRUSTEES

Robert Bryant	Duke University	<i>ex officio</i>
Ruth Charney	Brandeis University	2016
Jane M. Hawkins	University of North Carolina	<i>ex officio</i>
William H. Jaco	Oklahoma State University	2015
Robert Lazarsfeld	Stony Brook University	2018
Zbigniew Nitecki	Tufts University	<i>ex officio</i>
Joseph H. Silverman	Brown University	2019
Karen Vogtmann	Cornell University	2017

2015 EDITORIAL BOARDS COMMITTEE

Daniel Calegari	University of Chicago	2017
Walter Craig	McMaster University	2015
Sergei Gelfand	AMS	<i>ex officio</i>
Walter D. Neumann	Barnard College	2015
Hee Oh	Yale University	2017
Carla D. Savage	North Carolina State University	<i>ex officio</i>
Anne Schilling	University of California, Davis	2016
Daniel Stroock	Massachusetts Institute of Technology	2016

2015 NOMINATING COMMITTEE

Douglas N. Arnold	University of Minnesota	2017
Peter Constantin	Princeton University	2016
Robert Griess	University of Michigan	2016
Christine Guenther	Pacific University	2017
Craig Huneke	University of Virginia	2015
Ken Ono	Emory University	2015
Kavita Ramanan	Brown University	2017
Amie Wilkinson	University of Chicago	2015
David Wright	Oklahoma State University	2016

Current Charge
Karl Menger Fund Prize Committee

General Description

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

Term is three years beginning 01 June of the year of appointment and ending on 31 May, three years later. The members of the committee are appointed by the President.

Principal Activities

The main duties of the committee are to administer the judging of the mathematics section of the International Science and Engineering Fair (ISEF) which usually takes place in May of each year. In particular the committee will:

1. Select the chair of the judges panel each year for ISEF;
2. Help the chair in selection of judges, including the selection of a Local Coordinator if appropriate;
4. Propose AMS prize participation in other events;
5. Propose expansion of the Menger Prizes;
6. Oversee activity for all events including participation by the committee in the events and overseeing coordination, scheduling, travel, etc. for judges;
7. Encourage more AMS participation in education of precollege students for careers in mathematical sciences; and
8. Ensure that the Menger Prize Committee activities are announced properly.

Background:

The AMS has a “Menger Prize” that is awarded each year to winners of the math competition at the International Science and Engineering Fair (ISEF). We always appoint a committee of judges for this. The funds come from a gift from the Menger family. It has been agreed that this committee would be supported in the Meetings Department since the main problems in administration appear to be arranging for hotel and transportation for the judges.

Authorization

Standing committee will be created by COPROF in January 1995

Proposed Charge
Karl Menger Fund Prize Committee

General Description

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

Term is three years beginning 01 June of the year of appointment and ending on 31 May, three years later. The members of the committee are appointed by the President.

Principal Activities

The committee will travel to the International Science and Engineering Fair which usually takes place in May to judge mathematically-oriented projects and award first, second and third place prizes. In particular the committee will:

1. Travel to events and coordinate judging activities on site;
2. Propose AMS prize participation in other events.
3. Propose appropriate use of the Menger Prizes;
4. Encourage more AMS participation in education of precollege students for careers in mathematical sciences; and
5. Ensure that the Menger Prize Committee activities are announced properly.

Further Information

The family members of the late Karl Menger were the major contributors to a fund established at Duke University; the majority of the income from this fund is to be used by the Society for awards that are presented annually at the International Science and Engineering Fair (ISEF). The Menger Prize is awarded each year to winners of the math competition at ISEF. The Karl Menger Prize Committee serves as a committee of judges and is usually chaired by a judge from the past year. Awards are as follows: \$1,000 for first place; \$500 for second place; and \$250 for third place.

The committee is supported by staff in the Membership and Programs Department who assist with communications with ISEF, travel reimbursement, and follow-up communications. On site, the work and communications of the committee are directed by the chair.

History of Mathematics Editorial Committee

General Description

- Committee is standing
- Number of members is four
- Term is four years

Principal Activities

1. The main aspect of the Committee's activity is to evaluate and recommend suitable books for publication in the History of Mathematics book series.

~~2. The series mainly includes volumes on the post-1750 era, but the Committee may also consider manuscripts of exceptional merit outside of this time period.~~

- ~~3.~~2. The majority of proposals will come to the Committee from AMS Acquisitions Editors. However, members of the Editorial Committee may also solicit proposals for the series.

Mathematical Surveys and Monographs Editorial Committee

General Description

- Committee is standing
- Number of members is ~~four~~ four or five
- Term is four years

~~It has been traditional on this committee that a member serve two terms provided performance is satisfactory. It frequently takes several years from the time a book is proposed until the final manuscript reaches Providence, and it is a good idea both for the author and for the AMS to have the same editor handle the book from beginning to end.~~

Principal Activities

This Editorial Committee is charged with selecting for publication by the AMS books which exposit research-level mathematics of current interest to the mathematical community. These books are frequently suitable as texts for an advanced graduate class; however, that is not a necessary requirement.

The principal function of a book editorial committee is to decide the appropriateness of proposed book projects for publication. Because the AMS is competing vigorously with other mathematics publishers, it is extremely important that the committee make its decision in a timely manner, usually within weeks and always within two months' time.

A committee will often seek the advice of one or more outside experts in order to facilitate its decision process, but this is not always necessary. The AMS Acquisitions Staff is available to help the committee in any possible way, including communication with outside experts suggested by the committee.

Although most proposals will come to a committee from an AMS Acquisitions Editor, the Editorial Committee itself may solicit proposals.

Other Activities

It is a tradition that a member of this committee serve as a representative to the University Lecture Series.

Miscellaneous Information

The chair will be elected by the Council, upon nomination by the Editorial Boards Committee. The business of this committee, such as postage and telephone charges, may be reimbursed by the Society. Travel reimbursement for this committee has been designated at LEVEL B.

Determining the 2016 Individual Member Dues Recommendation to the Council

The Guidelines.

In May 2004 the Board of Trustees approved, and the Executive Committee recommended to the January 2005 Council, a new procedure for setting dues each year, replacing the (almost) automatic formula that was used for many years by a procedure based on a set of principles for setting dues. The new procedure was approved by the Council and was first used in setting dues for 2006. The procedure requires beginning the process of setting dues slightly earlier than before. To change the dues rate for year X+2, the discussions must begin in year X.

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

The process for setting dues is meant to be guided by the following principles.

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

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

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

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

Recommendation for 2016 Dues.

There was no dues rate increase adopted for the year 2011. Since then, the dues rate has been increased by \$4 per year for the high regular dues rate. The dues rate for 2015 was increased from the 2014 rate to yield dues of \$184/\$138 (high/low). The cut-off salary for high/low rates remained at \$85,000. The table on the following page provides the information required under Principle 1. It includes actual results for 2001-2013, projected results for 2014, budgeted results for 2015 and an estimate of 2016 results assuming no increase in dues, a \$4 increase in dues and

an \$8 increase in dues.

Prior to the change in the process of setting dues, the net difference between dues revenue and net direct costs of membership was a positive \$569,000 in 2001. By the end of 2013, the difference had decreased to a deficit of \$216,000. The 2015 budget shows a 61% increase in the deficit due to decreasing dues revenues and increasing costs. The reasons for the increased expenses are membership and dues related projects being done by the Computer Services Division, amounting to \$65,000, and a \$70,000 increase in governance costs related to additional staff in the Secretary's office, increasing travel expenses, and other costs. For the year 2016, each \$4 increase in dues adds about \$26,000 to the bottom line.

**Dues Revenue and Net Direct Cost of Membership
 Activities (1,000's)**

Year	Individual Dues Revenue	Net Direct Cost of Membership Activities	Surplus (Deficit) of Revenue over Costs
2001	1,413	(844)	569
2002	1,388	(960)	428
2003	1,369	(1,042)	327
2004	1,318	(1,189)	129
2005	1,345	(1,108)	237
2006	1,355	(1,112)	243
2007	1,364	(1,264)	100
2008	1,386	(1,523)	(137)
2009	1,368	(1,493)	(125)
2010	1,345	(1,240)	105
2011	1,317	(1,397)	(80)
2012	1,317	(1,393)	(76)
2013	1,304	(1,520)	(216)
2014 Projected	1,269	(1,543)	(274)
2015 Budget	1,233	(1,675)	(442)
2016-\$184	1,233	(1,675)	(442)
2016-\$188	1,259	(1,675)	(416)
2016-\$192	1,286	(1,675)	(389)

Explanatory Notes:

Membership Activities under Principle 1 are:

- a) *Notices & Bulletin*,
- b) Membership development and administration, and
- c) Governance

The amounts are taken directly from the B-Pages, pages 5 and 7, as presented to the ABC.

None of the dues scenarios presented in the table above satisfies the requirements of Principle 1. An increase in dues of \$64.44, or 35.8%, to comply with principle 1, would not meet the requirements of Principles 2 and 3.

Principles 2 and 3 describe the factors to be taken into consideration for the determination of the amount of a dues increase. Shown in the chart at the end of this attachment are the economic data related to growth in faculty salaries and general inflation. The data on salaries relate to the general ability of members and potential members to pay dues with total personal income. It seems prudent for a membership organization to increase dues at the same or slower rate than its members' salaries increase. As of the end of 2013 (the last year of actual data), the cumulative dues increase as of 2014 lags the salary increase by more than five years. Similar results are seen if one uses the AAUP salary data, although the lag time and differences in the cumulative increases are a few months less than the results using the AMS survey.

The data on inflation relate to the ability of members and potential members to pay dues from discretionary income. Again, it seems prudent for a membership organization to maintain the cumulative increase in dues in line with general inflation in the absence of any significant financial needs. It should be noted that dues for year X are generally paid by members in the last quarter of year X-1, so the inflationary effect of dues on discretionary income felt by the individual member is likely somewhere in between the cumulative increase of year X (dues paid during dues year) and X-1 (dues paid in advance).

Principle 3 states that small increases in dues over time are preferable to a large increase in any one year. Although an increase of \$8 in dues for 2016 is the option closest to meeting the requirements of Principle 1, it is a significant increase not seen in over two decades. Without regard to the requirements of Principle 1, staff do not believe that the Society's current financial condition warrants such an increase.

Ultimately, the decision regarding 2016 dues comes down to a balancing act between the provisions of the principles, and the realities of the difficult financial times. Principle 1 precludes holding dues steady for 2016 at the 2015 rate but Principles 2 and 3 would be violated if the dues were raised by an amount sufficient to meet the requirements of Principle 1. While raising the dues by \$8 or \$12 would get the Society closer to meeting the requirements of Principle 1, only the \$4 increase is realistically in line with inflation assumptions.

Therefore, AMS staff members recommend that the regular high dues rate for 2016 be set at \$188, a \$4 increase over the dues for 2015.

*T. Christine Stevens, Associate Executive Director
Emily D. Riley, Chief Financial Officer
October 2014*

Factors for Consideration in Setting Individual Dues Rates for 2016

Academic Year Beginning	Faculty Salaries Data				Inflation Data			Regular High Dues Rates			Dues Rev.	
	AAUP Reports		AMS Annual Survey		Calendar Year	Annual Increase CPI-U	Cumulative Increase CPI-U	Actual Dues	Cumulative Increase	Covert Dues	High/Low Cutoff	Total Dues Revenue (1000's)
	Annual Increase	Cumulative Increase	Doctoral Departments	Cumulative Increase								
1996	3.0%				1996	3.3%		120		117.637	45,000	
1997	3.3%	3.3%	2.7%	2.7%	1997	1.7%	1.7%	124	3.3%	121.048	45,000	1,414
1998	3.6%	7.0%	3.8%	6.6%	1998	1.6%	3.3%	128	6.7%	124.679	45,000	1,437
1999	3.7%	11.0%	3.8%	10.7%	1999	2.7%	6.1%	132	10.0%	128.918	55,000	1,380
2000	3.5%	14.9%	5.0%	16.2%	2000	3.4%	9.7%	132	10.0%	128.918	65,000	1,384
2001	3.8%	19.2%	4.2%	21.1%	2001	1.6%	11.4%	136	13.3%	133.559	75,000	1,413
2002	3.0%	22.8%	3.3%	25.1%	2002	2.4%	14.1%	140	16.7%	138.501	75,000	1,388
2003	2.1%	25.4%	2.0%	27.6%	2003	1.9%	16.2%	144	20.0%	143.349	75,000	1,369
2004	2.8%	28.9%	2.2%	30.4%	2004	3.3%	20.0%	148	23.3%	148.796	80,000	1,318
2005	3.1%	32.9%	4.0%	35.6%	2005	3.4%	24.1%	152	26.7%	153.260	80,000	1,345
2006	3.8%	37.9%	3.5%	40.2%	2006	2.5%	27.2%	152	26.7%	156.478	80,000	1,355
2007	3.8%	43.2%	4.2%	46.1%	2007	4.1%	32.4%	156	30.0%	160.860	80,000	1,364
2008	3.4%	48.0%	1.6%	48.5%	2008	0.1%	32.6%	160	33.3%	166.973	80,000	1,386
2009	1.2%	49.8%	3.0%	53.0%	2009	2.7%	36.1%	164	36.7%	173.317	80,000	1,368
2010	1.4%	51.9%	0.7%	54.1%	2010	1.5%	38.2%	168	40.0%	179.210	85,000	1,345
2011	1.8%	54.6%	3.6%	59.6%	2011	3.0%	42.3%	168	40.0%	181.361	85,000	1,317
2012	1.7%	57.2%	1.3%	61.7%	2012	1.7%	44.7%	172	43.3%	183.900	85,000	1,317
2013	2.2%	60.7%	1.8%	64.6%	2013	1.5%	46.9%	176	46.7%	187.210	85,000	1,305
					2014 proj	1.7%	49.4%	180	50.0%	190.393	85,000	1,269
					2015 est	2.0%	52.4%	184	53.3%	194.581	85,000	1,233
					2016	2.0%	55.4%	184	53.3%	194.581	85,000	1,233
					2016	2.0%	55.4%	188	56.7%	194.581	85,000	1,259
					2016	2.0%	55.4%	192	60.0%	194.581	85,000	1,286

Explanatory Notes:

1. AAUP data: Percentage increase in average nominal salaries for institutions reporting comparable data for adjacent one-year periods.
2. CPI-U data: Based on the Dec. to Dec. annual change in the index, with estimates for 2014, 2015 and 2016.
3. Covert Dues: For the period 1990-1999, covert dues for Year N+1 were calculated by increasing the covert dues for year N by an amount equal to the AAUP percentage for Year N-1. A "holiday" was taken in applying the usual AAUP increase for 2000, and the formula was applied subsequent to 2000 using the AAUP figure for Year N-2. The formula approach is no longer used to determine the dues rate in any given year, but is presented here for informational purposes.
4. 2014 dues revenue reflects current projections and 2015 dues revenue is as budgeted. The three scenarios presented for 2016 dues assume a paying membership similar to that budgeted for 2015.
5. August 2013- August 2014 CPI-U is 1.7%.

**American Mathematical Society
Committee on Science Policy Meeting
March 13-15, 2014
Washington, DC**

Summary Report

The Committee on Science Policy (CSP) met over several days with a focus on Capitol Hill meetings between Congressional representatives and meeting attendees to promote mathematics and to urge increased federal funding for the National Science Foundation and its Division of Mathematical Sciences. In total, the group met with 29 offices. The first day of the meeting was devoted to preparation for Hill meetings. Friday was spent making Hill visits and committee business and further discussion occurred on Saturday morning.

Michael Vogelius

Director, Division of Mathematical Sciences (DMS)

Directorate of Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Michael Vogelius began his presentation with an update on the FY2014 budget, trends in R&D funding over the last 35 years, recent NSF/MPS divisional budgets and a history of the NSF/MPS-DMS budget. He explained that there has not been strong budget growth in recent years and this trend does not appear likely to change in the near future.

Vogelius provided information on the major award categories within DMS including individual investigator and research group awards, institutes and workforce programs. There was much discussion among attendees regarding funding.

He went on to discuss what the mathematics community could do to help promote increased and sustained federal investment in research. He encouraged those attending to use their meetings with congressional representatives to argue for the importance of funding increases in basic scientific research, not strictly mathematics, as mathematicians are funded through interdisciplinary projects too.

Karen Saxe

AMS Congressional Fellow 2013-14

Office of Senator Al Franken (MN)

Karen Saxe presented an orientation for Congressional meetings developed by the AMS Washington Office. She offered basic information about the importance of advocacy, the federal budget process, the structure of a Congressional office and insights into Members of Congress and their staffs.

Saxe went on to discuss the documents that would be left at each Congressional visit, what to expect and how to conduct these meetings. The AMS Washington Office developed the "Ask," which is a statement of the request of the Member on Congress that was left at each visit, along with other materials. This year's "Ask" was formulated based on recent trends in the budget for the National Science Foundation (NSF) and requested \$7.5 billion for the NSF.

Kei Koizumi

Assistant Director for Federal Research and Development

White House Office of Science & Technology Policy

Kei Koizumi began his presentation by describing the effect on research funding of recent difficulties on the federal budget, including sequestration and the government shutdown. He described the FY2015

President's budget as striving to spur innovation and sustain a world-leading science and research enterprise. However, this budget overall is only 0.2% above FY2014, so the President has proposed an additional investment of \$56 billion he calls the Opportunity, Growth and Security Initiative. The difficulty will be in enacting this initiative since it would be above the budget limit agreed to by Congress in December 2013.

Koizumi described some components of the FY2015 federal budget highlighting advanced manufacturing as one area the President wants to concentrate on in order to win the race for the next wave of high-tech manufacturing jobs. He wants to establish a national network of manufacturing innovation institutes where businesses would connect with research universities -- two such hubs have already been launched to further this effort.

Koizumi also talked about the President's priorities in the FY2015 budget for a cleaner energy economy, global change and health research and for preparing Americans with STEM skills

Constituent Meetings

On Friday, March 14 the group went to Capitol Hill to hold meetings in congressional offices. The AMS Washington Office scheduled meetings for all participants with their respective Congressional representatives. These constituent meetings were conducted in small groups and a wrap-up session was held at the end of the day to share experiences and discuss the value of the meetings.

Other Discussion

There was much discussion throughout the meeting about a piece of legislation called the Frontiers in Innovation, Research, Science and Technology (FIRST) Act (H.R. 4186 introduced on March 10, 2014). The bill comes out of the Subcommittee on Research and Technology of the House Committee on Science, Space and Technology and one of its tenets would be to shift the responsibility for determining the distribution of funds to eight scientific directorates from the National Science Foundation to Congress. There was vast agreement that this bill, if enacted, would do serious harm to advancing scientific research. The Act was mentioned frequently in the congressional meetings held during this meeting and in follow up to the discussions about the Act, David Vogan wrote an opinion piece against the bill that will hopefully be picked up by media outlets.

Another discussion centered on how to improve the effectiveness of congressional visits. It was decided that future meetings should include invitations to six AMS members outside the committee in strategic areas of the country for whom the committee would pay travel expenses to participate. The committee will set priorities for whom to invite with input from the Director of the AMS Washington Office and with a desire to reach out to women and minorities for this effort. The committee agreed to add \$7,200 to the CSP travel budget for this purpose.

In follow up to congressional meetings, participants were encouraged to write thank you notes to those they met with and to offer themselves as a resource to the congressional office in the future. Other discussion also focused on cooperation with other societies.

Date of Next Meeting

The 2015 Committee on Science Policy meeting is scheduled for April 9-11, 2015 in Washington, DC. However, there was continued discussion about the most appropriate dates to meet in order to ensure productive meetings with Members of Congress, so the dates of the 2015 meeting have not been entirely settled at this writing.

Submitted by Anita Benjamin,
American Mathematical Society, April 16, 2014

**American Mathematical Society
Committee on Education Meeting
October 16-18, 2014
Washington DC**

Summary

This year's Committee on Education (COE) meeting began with a dinner on Thursday evening where an overview of the upcoming meeting was presented along with a proposal presented by Bus Jaco regarding a new "AMS Office for Education and Diversity." The focus of the meeting was on the first two years of post-secondary mathematics education, including the interaction with other disciplines. Presentations included talks about the highly successful Michigan calculus program, the recent changes at Illinois to better serve engineering students, and an update on the American Statistical Association's work on curriculum guidelines for the first two years of statistics education. Information was also presented on the progress of Transforming Post-Secondary Education in Mathematics (TPSE Math) and on the common vision for undergraduate mathematics. The meeting itself consisted of presentations and discussions over a day and a half. Attendees included a large number of chairs of departments of mathematics from across the country. Tara Holm, Chair of COE, introduced the speakers and facilitated the meeting:

Helping Students Do Mathematics

Matthew Ando (University of Illinois at Urbana-Champaign) began his presentation by providing some scale and information on the nature of the University of Illinois' efforts to increase the number of students studying mathematics. He described their projects involving engineering calculus, using active learning strategies in large scale calculus courses and their merit-based programs, including Merit Immersion for Students and Teachers (MIST). He also provided information on their other efforts including the Illinois BioMath project and the Illinois Geometry Lab. Some new initiatives at the university, as well as information on placement and their graduate program were also discussed.

It Takes a Math Department

Stephen DeBacker (University of Michigan) discussed the contributions that many people make to the success of the undergraduate program at the University of Michigan emphasizing the importance of department buy-in and participation ... it takes a department. His presentation focused on a small part of a large undergraduate program, including providing information on the mathematics placement process and descriptions of the courses offered. He also discussed the training provided for new graduate student and postdoc instructors.

Updated ASA Guidelines for Undergraduate Programs in Statistics

Nicholas Horton (Amherst College) provided a draft copy of the new American Statistical Association Guidelines for Undergraduate Programs in Statistical Science to meeting attendees and discussed the key changes being proposed.

The ASA last endorsed curricular guidelines in 2000 and have formed a new working group to update them. The new guidelines reflect the increased importance of data related skills in modern practice and provides suggestions for the development of curricula for undergraduate programs in statistical science, both for statistics majors and other majors seeking a minor or concentration. These recommendations

provide more emphasis on teamwork, communications and related experiences (e.g. internships, REUs and capstones).

The working group has organized a series of webinars to focus on different issues related to the new guidelines. Horton reached out to those attending to encourage participation and feedback. The new guidelines will be brought forward for endorsement by the ASA Board of Directors in November 2014. ***Report on Transforming Postsecondary Education in Mathematics (TPSE Math) Meeting in Austin*** Mark Green (University of California, Los Angeles) provided some background information on TPSE Math, sponsored jointly by Carnegie Corporation of New York and the Alfred P. Sloan Foundation, which seeks to effect constructive change in postsecondary mathematics education.

Green presented information on the TPSE Math meeting at the University of Texas-Austin in June 2014. The focus of the meeting covered a number of topics, which included discussions on: 1) diversifying teaching methods; 2) broadening the curriculum; 3) moving towards a teaching “community;” 4) providing more pathways and fewer barriers; 5) balancing costs and programs; 6) improving listening and communications strategies; 7) serving all potential students, including those from other disciplines and at all levels; 8) broadening the training of graduate students; 9) fostering community-wide change; and 10) pulling together all stakeholders to address changes needed.

Grant Project Report: A Common Vision for Undergraduate Mathematics in 2025

Karen Saxe (Macalester College) reported on the Common Vision 2025 project, a collective effort to examine and modernize undergraduate mathematics education in order to better prepare students for the demands of a 21st century workplace. The project is funded by the National Science Foundation (EHR/DUE) and organized by the MAA, with representation by the AMS, SIAM, ASA and AMATYC. The project is tasked with identifying common themes among the undergraduate mathematics curricula recommendations promulgated by these five professional organizations in order to frame a shared vision for the future of undergraduate mathematics education. Phase I of the project includes a May 2015 workshop.

Structured Active In-Class Learning at Penn: Opportunities and Challenges

Dennis DeTurck (University of Pennsylvania) discussed the University of Pennsylvania’s involvement in the Association of American Universities (AAU) Undergraduate STEM Education Initiative. This initiative includes eight project sites, but the University of Pennsylvania (Penn) is the only one with a significant math component.

The AAU initiative is a five-year project to improve the quality of undergraduate teaching and learning in science, technology, engineering and mathematics (STEM) fields. The initiative at Penn is done through a program called “SAIL” – Structured, Active, In-class Learning. SAIL classes emphasize the active engagement of students through structured work guided by the instructor.

DeTurck described the SAIL program at Penn highlighting how the program has grown as more faculty transform existing courses, replacing lectures with active learning -- and the difficulty in creating enough collaborative classroom space as the program grows. He also discussed measuring SAIL success, faculty support and the growth of SAIL beyond STEM at Penn.

Budapest Semesters in Mathematics Education: Study abroad program for pre-service teachers

Ryota Matsuura (St. Olaf College) began his presentation with a brief history of the Budapest Semesters in Mathematics (BSM) program. The BSM program provides undergraduates with an opportunity to

experience mathematics amidst the culture of Hungary, which has a long tradition of excellence in mathematics education.

Matsuura then discussed the Budapest Semesters in Mathematics Education (BSME). This program differs from BSM in that its goal is to study the Hungarian approach to the learning and *teaching* of mathematics. In this semester-long program, participants play dual roles as students and as teachers in the Hungarian approach to learning mathematics.

The first BSME courses will be offered in 2015-16. Matsuura described the BSME approach and talked about participant profiles, instructors, courses and costs.

Teaching Effective Thinking through Mathematics

Michael Starbird (University of Texas) challenged meeting attendees to think of undergraduate college mathematics courses as something different than what is currently offered to students who do not go on to study mathematics further. He pointed out that many people in the world do not use math above the high school level, and for these students, there is an opportunity to provide courses rich in the thinking skills that mathematics provides instead of the terminal courses that will leave them bored with a stultifying experience. Much discussion followed his presentation.

Post-secondary mathematics education in Quebec: a view of the CEGEP educational level

Bernard Hodgson (Université Laval) discussed the structure of the educational system in Quebec and shared data on the success of the CEGEP model. The CEGEP (a French acronym) resulted from a study of Quebec's educational system in the 1960s resulting in the *Parent Report*. This report identified many weaknesses in the educational system and highlighted differences in academic success among students of different backgrounds. The CEGEP, among other initiatives, was created to address these problems.

The CEGEP, adopted in 1967, is a network of 48 regional institutions providing pre-university programs (2 years) and vocational programs (3 years) at no cost to the student -- and is compulsory for all students. The educational model in Quebec requires students to attend primary school (K + 6 years), secondary school (5 years) and CEGEP (2/3 years).

AMS Office on Education and Diversity: A Proposal

William "Bus" Jaco (University of Oklahoma) and Phil Kutzko (University of Iowa) each discussed with the committee (in closed session) a proposal to establish a new AMS Office on Education and Diversity. This office could be modeled after similar efforts at the American Physical Society (APS), the National Alliance for Doctoral Studies in the Mathematical Sciences (National Alliance), as well as other professional organizations.

The goals of this new office would be to: increase the number of students who enter doctoral programs in mathematics; improve retention and time to degree for these students; improve placement of these students in the workforce; and foster growth of a community of mathematical scientists that promotes a diverse and inclusive profession.

Kutzko presented some background information on the National Alliance, which originated at the University of Iowa, and its work in this regard. He discussed their programs, conferences and students served. The vision for this new office at the AMS includes being be staffed similarly to the APS model with a Director, Assistant Director and program coordinators/administrative staff. The projected cost for the new office would be up to \$400,000.

There was much discussion among committee members about this proposal and the idea was generally supported. Shortly after the meeting, the committee wrote a recommendation on the proposal for this new office to be considered by the ECBT at their next meeting in November 2014 (copy attached).

General Discussion

The meeting was organized purposefully to allow discussion on topics of general concern and interest. These discussions resulted in conversations about innovations in teaching and student learning methods, funding, other departmental issues, as well as collaborating with other disciplines.

AMS Strategic Planning

Don McClure gave a brief overview of the strategic planning project currently being conducted at the AMS. The scope of this planning focuses on two areas – membership and professional services, and the publishing program. He discussed the strategic planning team, the consultants who are facilitating the project and the status.

Award for Impact on the Teaching and Learning of Mathematics

Art Benjamin chairs the selection committee for the 2015 AMS Award for Impact on the Teaching and Learning of Mathematics. This new award is to be 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 2015 selection committee (Art Benjamin, Ben Braun, Kay Somers and Jennifer Taback) will review all applications and make a recommendation to the full committee by mid-November 2014.

COE Activities at the Joint Mathematics Meetings, January 2015

The AMS Committee on Education will host a panel discussion at the 2015 JMM in San Antonio, TX entitled “Active Learning Strategies for Mathematics.” The AMS recognizes the importance of active learning strategies and is working with organizations such as Transforming Post-Secondary Education in Mathematics (TPSE Math) to clarify what this means for our community and to promote best practices in teaching the mathematical sciences. This panel will highlight some of the active learning strategies for which we have evidence of effectiveness.

Additionally, the Committee on Education will sponsor a JMM session entitled “Concept Inventories beyond Differential Calculus: An Invitation.” Organizers Stephen DeBacker and Gavin LaRue, University of Michigan, are inviting the community to come together to develop tools to assess student learning in mathematics that are environment-independent.

Date of Next Meeting

The date of the next Committee on Education meeting will be October 29-31, 2015. The meeting will be held in Washington, DC.

Submitted by Anita Benjamin
American Mathematical Society
November 13, 2014

AMS Committee on Education Recommendation to ECBT, November 2014
(Attachment to Minutes/Summary of October 10/16-18/14 COE Meeting)

To the AMS Council, the Executive Committee, and the Board of Trustees

The AMS Committee on Education has considered the proposal on an “AMS Office for Education and Diversity” presented by Bus Jaco and Phil Kutzko. We voted unanimously to endorse the proposal for further exploration by the ECBT for eventual implementation within the AMS.

This proposal provides an excellent opportunity for the AMS to renew its efforts supporting its members in their roles as educators and mentors. It will promote the health of the profession by ensuring that all students who are poised to pursue a career in the mathematical sciences receive support from our community. The committee did raise a number of concerns that the Council and ECBT should also consider.

- The well-defined scope is appropriate to define and ensure initial success. We hope that the program is implemented in such a way that the Office is able to adapt over time in order to respond to issues in undergraduate and graduate mathematics education, and diversity in the profession more broadly. Choosing an appropriate name that allows potential future growth is essential.
- Over the years Math Alliance has broadened its scope from underrepresented minorities to “all American students.” The document reviewed by the committee made repeated mention of “domestic students.” We suggest that it be made explicit that the term “domestic,” as it is used in this proposal, will be interpreted to mean “all students enrolled in US undergraduate degree programs.” We feel that citizenship or visa limitation is not fully inclusive. It may be intended to reflect requirements for certain NSF grants, but a founding document for this office should not reflect the peculiarities of current NSF policy. The Committee feels strongly that as a program within the AMS, the focus should include all students enrolled at US institutions, regardless of country of origin or citizenship.
- Coordination with the other professional societies is a key component of a program like this. The Committee encourages the AMS to strengthen its ties with MAA, SIAM and ASA as we proceed in this venture.
- The proposal is largely based on the existing structure of the Math Alliance. There are already many programs in place at AMS that could provide support to the venture within AMS. For example, the Meetings & Conferences division is already well positioned to support the annual Field of Dreams conference. Existing resources should be brought to bear, rather than duplicating efforts. The new program may be able make use of the DC office, possibly as a home for its specific efforts, and to maintain collaborative efforts with the other professional societies. Special attention may be required in the transition period to make the transition smooth.

**Committee on the Profession
Annual Report
December 2014**

The Committee on the Profession (CoProf) held its annual meeting on September 13-14, 2014, at the Hilton Chicago O'Hare Airport Hotel. Allan Greenleaf, University of Rochester, chaired the meeting, highlights of which are summarized below.

Regular agenda items:

- **Annual Review:** CoProf's annual review, conducted by a subcommittee, addressed the issue of increasing participation at all levels of under-represented groups. CoProf's discussion focused on two of the subcommittee's proposals:

Math Programs that Make a Difference: The report recommended that this award should, like the Award for an Exemplary Program or Achievement in a Mathematics Department, carry a cash prize. CoProf passed a resolution asking the Development Committee to make a priority of raising funds for this purpose.

Web page on diversity: The subcommittee felt that the opening paragraph on the "diversity" web page <http://www.ams.org/programs/diversity/diversity> was poorly phrased. CoProf recommended the following statement as a replacement for that paragraph:

- *The AMS is committed to fostering efforts to support the hiring, retention and promotion of women and under-represented minorities at all levels of academia and in industry.*
- *AMS members, both individual and institutional, are urged to examine their policies and procedures to find ways to facilitate careers in mathematics for traditionally under-represented groups.*

More generally, the committee argued that the diversity web page should be revised to help it attract students to careers in mathematics.

CoProf accepted the subcommittee's report and urged AMS staff to follow up on its recommendations with respect to the web page.

- **Information Statements on the Culture of Research and Scholarship in Mathematics:** The 2008 statement on "The Culture of Federal Support for Academic Research in Mathematics" was updated, and CoProf will revise the other statements to make it easier to keep them up to date. CoProf decided to compose no new statements at this time.
- **Math Programs that Make a Difference:** Each year, CoProf recognizes at most two programs that succeed in bringing and keeping "more persons from underrepresented backgrounds into some portion of the pipeline beginning at the undergraduate level and leading to advanced degrees in mathematics and professional success." The programs recognized in 2014 were the Carleton College Summer Mathematics Program (SMP) and the Rice University Summer Institute of Statistics (RUSIS). Nominations for the 2015 award

were due on September 15, 2014, and the one or two programs that are selected will be featured in the May 2015 issue of the *Notices*.

- **Written Reports:** Staff reports on the following topics were included in the CoProf agenda: the Department Chairs Workshop, Membership, Employment Services of the AMS, Graduate Student Chapters, and Mathematics Research Communities.
- **Oral Report:** CoProf heard an oral report from the Standing Committee on Members and Member Benefits, which recommended adding the Fellows program to the list of member benefits.
- **JMM Panel:** CoProf decided not to sponsor a panel at the 2015 Joint Mathematics Meetings in San Antonio. It brainstormed about possible topics for 2016 and decided to finalize its choice after the new committee is in place in the spring of 2016.

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

- **Prize Oversight Committee:** The current cycle that is used to award the Steele Prize for Seminal Research is: (1) algebra/number theory; (2) geometry/topology; (3) analysis; (4) applied mathematics; (5) an alternation between discrete mathematics and logic (each awarded every ten years). In two separate votes, CoProf endorsed the following changes in this cycle:
 - That the cycle be (1) algebra/number theory; (2) geometry/topology; (3) analysis/probability; (4) applied mathematics; (5) discrete mathematics/logic.
 - That the cycle be lengthened to six years, with the area of mathematics being entirely open in the sixth year.
- **Approval process for new prizes proposed by donors:** CoProf endorsed a recommendation from the Secretary that the Council authorize the Executive Committee to act on its behalf in cases where negotiations with donors require timely decisions and confidentiality.
- **Centennial Fellowship:** The current criteria for the Centennial Fellowship prohibit the recipient from holding it concurrently with a National Science Foundation CAREER Award. CoProf endorsed eliminating this restriction (but keeping the prohibition against simultaneously holding another major research fellowship, such as a Sloan fellowship or NSF Postdoctoral fellowship). This change would prevent problems caused by the fact that the Centennial Fellowship is typically announced before some of the CAREER awards have been made. Since CAREER Awards generally do not provide academic-year support, CoProf felt that holding such a grant would not conflict with the Centennial Fellowship.
- **Committee charges:** CoProf endorsed updated charges for the Karl Menger Fund Prize Committee, the Committee on Academic Freedom, Tenure, and Employment Security (CAFTES), and the Committee on Professional Ethics (COPE).

- **Policy regarding mass emails:** CoProf endorsed a new policy governing the sending of mass emails to AMS members, permitting the President, Secretary, and Executive Director to authorize such mailings, provided they comply with Society's practices regarding the frequency of such emails and with applicable laws and regulations that enable recipients to opt out of selected types of messages.
- **Proposal to establish an AMS Office for Graduate Education and Diversity:** CoProf discussed a proposal to create an AMS Office for Graduate Education and Diversity. This office would assume responsibility for a program currently run by the National Alliance for Doctoral Studies in the Mathematical Sciences that encourages members of under-represented groups to pursue doctoral degrees in mathematics. CoProf endorsed exploring this idea and recommended taking it to the Council. The Committee on Education discussed the proposal at its meeting in October 2014, and it, too, responded favorably.
- **New prize in Lie theory:** CoProf was apprised of the possibility of establishing a new research prize in Lie theory. After the CoProf meeting, a detailed description of the proposed Chevalley Prize was circulated to CoProf, which approved it by email.
- **Policy on a welcoming environment:** CoProf discussed the proposed Policy on a Welcoming Environment, which seeks to assure that participants in AMS activities enjoy a welcoming environment and establishes a procedure for reporting violations of that policy. At its meeting in September 2014, CoProf added its approval to that which had already been given by COMC. Afterwards, the draft was reviewed by legal counsel, and a revised version was circulated to CoProf, which approved it by email. The same revised draft was approved by COMC.
- *Other business:*
- **New prize in differential equations:** Through their estate plan, Edmond and Nancy Tomastik intend to donate funds to support an endowed prize in differential equations, and a letter of commitment has been signed. When the gift is received, a proposal to establish the new prize will go to CoProf for review.
- **Relationship between AMS and the NSA:** In light of ongoing revelations about the National Security Agency's activities involving intelligence gathering and encryption, and in view of the close connections between the NSA and the mathematical community, CoProf discussed the possibility that AMS should make a public statement. No such statement was approved.
- **AMS sexual harassment policy:** During the discussion of the proposed Policy on a Welcoming Environment, it was pointed out that the AMS policy on sexual harassment, which was adopted in 1994, should be reviewed and updated. A subcommittee was appointed for that purpose.

- **AMS Fellows program:** CoProf considered a proposal from the AMS Fellows Selection Committee that a nomination be eligible for a period of four years, rather than three. CoProf decided not to change the selection procedure at this time.
- **Annual review for 2015:** For its annual review in 2015, CoProf chose the issue of identifying appropriate venues for presenting AMS prizes. For example, perhaps some prizes could be awarded at AMS Sectional meetings, thus taking pressure off the Joint Prize Session at the Joint Mathematics Meetings. A subcommittee was appointed to consider this topic.
- **CoWIM report:** In response to a request from Carol Wood, the Chair of the AMS Committee on Women in Mathematics, CoProf discussed the relationship between itself and CoWIM. The consensus was that closer coordination would benefit both committees, and CoProf decided to invite CoWIM to send a representative to its 2015 meeting.

Next meeting: The Committee on the Profession will hold its next meeting on September 19-20, 2015, at the Hilton Chicago O'Hare Airport Hotel.

*T. Christine Stevens
Associate Executive Director
December, 2014*

Centennial Fellowships

Background

When the Research Fellowship Fund was established in 1973, NSF Postdoctoral Fellowships did not exist. The AMS Postdoctoral Fellowship was established and targeted recent PhDs. In 1982, the council approved a proposal that the AMS Postdoctoral Fellowship be re-directed to apply to persons in early- to mid-career, which eventually (by 1984) meant:

1. That it be for persons 5 to 10 years past the PhD (or equivalent)—the intent being that the period of eligibility not overlap with that of the NSF Postdoctoral fellowship.
2. That the candidate shows the equivalent of three full years of postdoctoral teaching experience.

In 1988 (the year in which the Fellowship was renamed to honor the AMS Centennial), it was observed that recipients of the AMS Centennial Research Fellowship were persons who have already had two or more years of prestigious fellowships (NSF Postdoctoral, Sloan, etc.). The intent was that the fellowships go to persons who would profit from relief from teaching appointments and who have had insufficient opportunity. The ground rule was that the vita must include at least three full years of postdoctoral teaching or industrial experience, i.e., non-fellowship years. The requirement stated in that form was not strong enough to achieve the desired objective. A proposal was approved to add a sentence to the description of the fellowship saying that the selection committee may give preference to applicants who have not had extensive postdoctoral research support.

In 1989, Council agreed to three changes to be implemented for the 1990/91 AMS Centennial Fellowships.

1. The age group was extended to twelve (12) years past the PhD or equivalent degree;
2. The competition was opened up to all ranks;
3. The wording in the charge to the selection committee was changed so that it now reads: "The selection committee will give preference to applicants who have not had extensive postdoctoral fellowship support."

The March 95 Council approved, in principle, a redirection of the Centennial Fellowships to mathematicians not as advanced in their careers and in August of 1995, the following guidelines for the Centennial Fellowship were approved:

The AMS Centennial Research Fellowships will be awarded to applicants who are citizens or permanent residents of a country in North America, who will have held their doctoral degrees for at least two years at the time of the award, who do not have permanent tenure, and who will have held less than two years of research support at the time of the award. (Each year of a full time teaching appointment with teaching load less than 4 (resp., 5) courses per year on the semester (resp., quarter) system should count in this respect as one half year of research support.)

Recipients may not hold the Centennial Fellowship concurrently with other research fellowships (e.g., Sloan or NSF Postdocs), they may not use the stipend solely to reduce teaching at the home institution, and they are expected to spend some of the fellowship period at another institution which has a stimulating research environment suited to the candidate's research development. The Fellowship provides one year of support which shall equal the median nine month starting salary for teaching or teaching and research of new recipients of doctoral degrees as reported in the most recent AMS-IMS-MAA Annual Survey. There will be a travel allowance equal to 4% of the stipend. Acceptance of the Fellowship cannot be postponed. Fellowship holders may use their stipend as full support for a year, or may combine it with half-time teaching and use it as half support over a two-year period. Applications shall include a short research plan describing both an outline of the research to be pursued and a program for using the fellowship, including institutions at which it will be used and reasons for the choices. The selection committee will base its decision on both the research potential of the applicant based upon track record and letters of recommendation and the quality and feasibility of the research plan.

In 2001, a low number of applicants and the phrasing of eligibility criteria largely in negative terms prompted the following revision:

The primary selection criterion for the Centennial Fellowship is the excellence of the candidate's research. Candidates for the fellowship should submit a cogent plan indicating how they would use the fellowship. The plan should include travel to at least one other institution and should demonstrate that the fellowship will be used for more than a reduction of teaching at the candidate's home institution. The selection committee will consider the plan in addition to the quality of the candidate's research, and will try to award the fellowship to those for whom the award would make a real difference in the development of their research careers. Work in all areas of mathematics, including interdisciplinary work, is eligible. Preference will be given to candidates who have not had extensive fellowship support in the past.

Recipients may not hold the Centennial Fellowship concurrently with another research fellowship such as a Sloan or NSF Postdoctoral fellowship. Under normal circumstances, the fellowship cannot be deferred.

A recipient of the fellowship shall have held his or her doctoral degree for at least three years and not more than twelve years at the inception of the award. Applications will be accepted from those currently holding a tenured, tenure track, post-doctoral, or comparable (at the discretion of the selection committee) position at an institution in North America.

Remark: In 2002, the total number of applications was between 40 and 50, in contrast to the 8 received in 2001.

In January of 2013, in response to concerns of the committee, the following revision was adopted by Council:

Recipients may not hold the Centennial Fellowship concurrently with another major research award such as a Sloan fellowship, NSF Postdoctoral fellowship or CAREER award.

At the time, the AMS President expressed the hope that CoProf consider implementation mechanisms covering potential fellowship winners who also are named for other major research awards.

Historical data on number of applicants:

YEAR	NUMBER OF ELGIBLE APPLICANTS
2014	11
2013	26
2012	15
2011	21
2010	11
2009	25
2008	9
2007	34
2006	25
2005	36
2004	32
2003	40
2002	40
2001	4
2000	10

From the AMS Website:

AMS Centennial Fellowships for 2015-2016

The AMS Centennial Research Fellowship Program makes awards annually to outstanding mathematicians to help further their careers in research. From 1997-2001, the fellowship program was aimed at recent PhDs. Recently, the AMS Council approved changes in the rules for the fellowships. The eligibility rules are as follows. The primary selection criterion for the Centennial Fellowship is the excellence of the candidate's research.

- Preference will be given to candidates who have not had extensive fellowship support in the past.
- Recipients may not hold the Centennial Fellowship concurrently with another major research award such as a Sloan fellowship, NSF Postdoctoral fellowship, or CAREER award.
- Under normal circumstances, the fellowship cannot be deferred.
- A recipient of the fellowship shall have held his or her doctoral degree for at least three years and not more than twelve years at the inception of the award (that is, received between September 1, 2003 and September 1, 2012).
- Applications will be accepted from those currently holding a tenured, tenure track, post-doctoral, or comparable (at the discretion of the selection committee) position at an institution in North America.

For any program, fellowship, prize or award that has a maximum period of eligibility after receipt of the doctoral degree, the selection committee may use discretion in making exceptions to the limit on eligibility for candidates whose careers have been interrupted for reasons such as family or health. The stipend for fellowships awarded for 2015-2016 is US\$87,000, with an additional expense allowance of about US\$8,700. Acceptance of the fellowship cannot be postponed.

The number of fellowships to be awarded is small and depends on the amount of money contributed to the program. The Society will supplement contributions as needed to ensure that at least one fellowship is awarded for the 2015-2016 academic year. A list of previous fellowship winners can be found on the Prizes and Awards page.

Applications should include a cogent plan indicating how the fellowship will be used. The plan should include travel to at least one other institution and should demonstrate that the fellowship will be used for more than reduction of teaching at the candidate's home institution. The selection committee will consider the plan in addition to the quality of the candidate's research and will try to award the fellowship to those for whom the award would make a real difference in the development of their research careers. Work in all areas of mathematics, including interdisciplinary work, is eligible.

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 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.

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 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 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 be resisted and, in any event, knowledge of the demand must 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.

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

EXCERPT

**American Mathematical Society
Committee on Professional Ethics (COPE)
Procedures Manual**

(These procedures were approved by the January 1996 Council)

1. Charge to COPE

COPE was established by action of the Council of the American Mathematical Society in 1983. It functions under the authority delegated to it by the Council and as set forth in the Ethical Guidelines adopted by the January 1995 Council. These guidelines appear in the *Notices of the AMS* Volume 42 and on the AMS Secretary's Home Page. Here is an excerpt from the introduction to the Ethical Guidelines:

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 American Mathematical Society, through its Council, sets forth the following guidelines. While it speaks only for itself, these guidelines reflect its expectations of behavior both for its members and for all members of the wider mathematical community including institutions engaged in the education or employment of mathematicians or in the publication of mathematics.

It is not intended that something not mentioned here is necessarily outside the scope of AMS interest. These guidelines are not a complete expression of the principles that underlie them but will, it is expected, 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 its ethical principles. COPE, in accordance with its procedures, will, in each case, determine the appropriate ways in which it can be helpful (including making recommendations to the Council of the Society). However, the AMS cannot enforce these guidelines and it cannot substitute for individual responsibility or for the responsibility of the mathematical community at large.

COPE shares responsibility with the AMS Committee on Academic Freedom, Tenure, and Salary (CAFTES) for the implementation of these guidelines COPE normally is a reactive committee, entering a dispute by request of a disputant. However, from time to time it should consider ethical matters that go beyond interpersonal conflict and to make appropriate recommendations to the AMS Council. Such considerations may be initiated by others or by COPE itself.

Outlined below are procedures for conflict resolution. The Committee may deviate from these procedures as cases warrant and parties agree, but COPE is encouraged to follow standardized procedures. It is of great importance to the AMS that COPE act impartially--- both in fact and in appearance. Modification of these procedures is expected to occur as experience is gained. It is expected that the vast bulk of the cases brought to COPE will be resolved by the Standard Procedure described below and that the Formal Procedure described in Appendix B will be very rarely invoked. The Council has delegated responsibility to COPE and has full confidence in COPE and its procedures. It is anticipated that the Council will consider appeals from COPE decisions only rarely.

2. Membership

COPE shall be a committee of six members representing a broad spectrum of membership of the Society. They shall be appointed by the President acting on the advice of the Committee on Committees and shall have three year staggered terms. Each year one of the continuing members is appointed by the President to be Chair for that year.

3. Scope of Activities

COPE serves primarily as an agency for conciliation, as a mediating body seeking for its standards "reasonable behavior expected of a active member in good standing of the mathematical community". This includes the expectation that normal professional standards are respected in interaction with students and colleagues and in regard for the intellectual work of others. Most of the cases COPE receives are colored in shades of grey. For such cases, COPE attempts to facilitate an equitable resolution by drawing on the collective experience, judgment, and wisdom of its membership and the AMS.

In general, COPE does not take on disputes unless at least one of the parties is based in a U.S. or Canadian institution. This is because the AMS has considerable resources in U.S. and Canadian institutions that can be drawn upon to help establish the facts and assist in resolution of the matter but lacks these resources elsewhere in the world.

COPE has neither staff, legal expertise, nor budget. Therefore COPE does not have the resources to participate in judicial proceedings. Its only role can be as a committee of professional peers.

COPE has little direct power beyond the moral force of the collective judgment of its membership. COPE may bring a serious transgression to the attention of appropriate university and/or institutional officials. COPE may also bring a matter to the

Current Charge to COPE

Committee on Professional Ethics

General Description

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

Principal Activities

The charge is defined provisionally in the report of 8 March 1983 of the ad hoc committee of the same name, which is attached.

REPORT

Committee on Professional Ethics

The ad hoc Committee on Professional Ethics recommends that a permanent Committee on Professional Ethics be established by the council of the American Mathematical Society. The Committee does not recommend that a rigid code be drawn up, but, rather, that the permanent committee be available for consultation, advice, and informal professional investigation as called for. It is to serve, in other words, more or less as an ombudsman.

The ad hoc Committee considered in some detail what kinds of matters could be brought before the permanent committee. Unethical behavior is possible in connection with publications (refereeing, plagiarism) at one end of the spectrum, and in connection with employment (tenure decisions, moonlighting, conflicts of interest) at the other. The ad hoc Committee is quite sure that the former kind should fall within the purview of the permanent committee and the latter not. The ad hoc Committee is, however, unable to draw a line where yes changes to no. The wisest course is probably to leave the issue not completely defined, and to let the manner of operation of the permanent committee be determined by the cases that come before it.

Respectfully submitted,

L. Gillman; P.R. Halmos (Chairman); A. Lax; J.C. Oxtoby; E.G. Straus

Proposed Charge to COPE

Committee on Professional Ethics

General Description

Committee is standing
Number of members is six
Term is three years

Principal Activities

COPE was established by action of the Council of the American Mathematical Society in 1983. It functions under the authority delegated to it by the Council and as set forth in the Ethical Guidelines adopted by the January 1995 Council. COPE shares responsibility with the AMS Committee on Academic Freedom, Tenure, and Salary (CAFTES) for the implementation of these guidelines.

COPE normally is a reactive committee, entering a dispute by request of a disputant. However, from time to time it should consider ethical matters that go beyond interpersonal conflict and can make appropriate recommendations to the AMS Council. Such considerations may be initiated by others or by COPE itself.

Procedures for conflict resolution by COPE are outlined in the COPE Manual. The Committee may deviate from these procedures as cases warrant and parties agree, but COPE is encouraged to follow standardized procedures. The Council has delegated responsibility to COPE and has full confidence in COPE and its procedures. It is anticipated that the Council will consider appeals from COPE decisions only rarely.

Mass Email to AMS Members

(Adapted from the 2014 CoProf Supplemental Agenda)

At the Council meeting on April 16, 2011, a new policy on mass email to AMS members was adopted. Since then, the Society has implemented a system for careful management of mass email in full compliance with U.S. laws and regulations in order to be able to make more effective use of targeted mass email. The Secretary and Executive Director proposed to the Committee on the Profession that the policy adopted in 2011 be broadened in order to allow greater use of email for communications from the leadership to the members. The Committee on the Profession voted to recommend to the Council that:

Targeted mass email messages may be sent to the membership by or with the approval of the President, the Secretary, or the Executive Director provided that the messages comply with the practices adopted by the Society (i) to regulate the frequency with which messages are sent to various email lists and (ii) to comply with laws and regulations that enable recipients to opt out of selected types of messages.

The “practices adopted by the Society” require a senior executive to review the recipient list and the opt-out choices made available to recipients.

Background:

The AMS has traditionally been very reserved in its use of mass email. However, a step forward in policy regarding use of targeted mass email was made by the April 2011 Council. Prior to April 2011, the policy allowed mass email in accordance with a resolution adopted in April 2009, which reads:

The situation concerning federal investment in scientific research is of sufficient concern that the Council authorizes only the President of the AMS to use the email addresses of members collected by the AMS to send a message to members concerning whatever actions on the part of the membership that the President believes are desirable.

According to the April 2011 Minutes, Friedlander expressed discomfort about the result that the President can send such an email (without guidance) and that others cannot. He proposed that the AMS could send emailings concerning important issues for the general membership provided that such emailings are approved by a committee consisting (until a new policy is recommended by CoProf and approved by the Council) of the President, the Secretary, and the Executive Director.

The Council then granted a broad privilege to the President. The Council passed a motion approving the occasional use of email messages to the membership with the approval of the President.

This is the current policy. The Secretary and Executive Director will speak briefly in favor of the proposed policy. We feel that it could be used effectively for the benefit of AMS members.

American Mathematical Society
Committee on Publications (CPub)
September 12-13, 2014
Summary Report

A meeting of the AMS Committee on Publications (CPub) was held on Friday and Saturday, September 12-13, 2014, at the Hilton O'Hare Airport, Chicago, IL. CPub chair Charles A. Weibel presided over the meeting and all members were present.

Discussion Topic: MathJax

Dr. Peter Krautzberger, Manager of the MathJax Consortium, presented an overview and discussion on the basic features of MathJax, its relationship to existing web and publishing standards and its role for mathematical publications and other activities on the web. Slides for Dr. Krautzberger's presentation are available to view online at: <http://pkra.github.io/slides-cpub>.

Updates on 2013 Actions

No actions resulting from the 2013 meeting required approval by Council. CPub's 2013 annual report was filed in the AMS Committee Report Book as Committee Report Number 131118-010 and is also available on the Committee's homepage at <http://www.ams.org/ams/cpub-home.html>.

Per the Committee's recommendation, copies of the 2013 Report of the Subcommittee Reviewing the AMS Member Journals (Attachment 5, 2013 CPub agenda) were forwarded to the Chief Editors of the *Notices* and *Bulletin* by CPub chair David Marker in October 2013.

AMS Translation Committees

The Committee endorsed the Publisher's proposal to dissolve all existing editorial committees and subcommittees for translated books published by AMS and establish a new committee, the Translations of Mathematical Monographs Editorial Committee. The proposal and a draft charge for the new committee will be submitted with CPub's recommendation for approval to the January 2015 Council.

Revisions to Certain Editorial Committee Charges

The Committee endorsed the following changes to certain editorial committee charges for Council approval:

- **History of Mathematics Editorial Committee Charge:**
 - Delete number 2 under the "Principal Activities" section.
- **Mathematical Surveys and Monographs Editorial Committee Charge:**
 - Change the number of members from "four" to "four or five".
 - Delete the paragraph of text which appears after "General Description" and before "Principal Activities".
- **Mathematics of Computation Editorial Committee Charge**

CPub endorsed a new version of the Mathematics of Computation (MCOM) Editorial Committee charge, which was developed by the Editorial Division in cooperation with

MCOM Managing Editor Susanne Brenner, to better outline the role of all editors on the committee. The MCOM committee is unique in that its Associate Editors and full Editors perform the same duties relating to articles submitted for peer review; however, its current charge doesn't include information about the participation of current or past Associate Editors. It was noted that since all members of the MCOM committee have historically been eligible to receive reimbursement for travel to annual meetings, the revision to the charge will not have any budgetary impacts.

Report on Journal Backlogs

In an attempt to address increasing concerns about the backlogs, the May 2014 ECBT approved page increases for *Proceedings*, *Transactions*, and *Memoirs* beginning in 2015 and asked CPub to consider and advise on the possible reason(s) behind the backlogs. The Committee engaged in lengthy discussion on factors contributing to the backlogs such as page budgets, submission rates, acceptance rates, editorial committee procedures, and staffing limitations. The backlogs were discussed further as part of the CPub subcommittee's Report on the Review of the AMS Primary Journals.

Review of AMS Primary Journals

Charles Weibel, chair of the CPub subcommittee that conducted the 2014 review, presented an overview of the 2014 Report of the Subcommittee Reviewing the AMS Primary Journals.

The subcommittee's findings are summarized below:

- *Journal of the AMS* (JAMS) is in very good health, and no concerns were identified. The journal has become one of the top mathematical journals in the world, and AMS should be proud.
- *Mathematics of Computation* (MCOM) is meeting its objectives and operating efficiently; however, a recent backlog problem has arisen. It was also noted that a small increase in the diversity of articles published outside of number theory and numerical analysis would be beneficial.
- *Proceedings of the AMS* (PAMS) and *Transactions of the AMS* (TAMS) are both doing a good job of providing representative coverage in all areas of mathematics and are of suitable quality; however, both journals have significant backlog issues.
- Editors contributed several good suggestions for improvements to EditFlow, the Society's manuscript tracking system, and reported less operating problems than in 2010.

Based on its review, the subcommittee made the following recommendations:

- AMS staff should attempt to implement editor's suggestions for improvements to EditFlow.
- Accepted articles should be posted online more quickly (within the industry standard of 3 to 4 months)
- AMS should consider launching a new journal, similar to TAMS but intermediate between TAMS and JAMS.

Additionally, the Committee made the following unanimous recommendation to Council:

AMS should increase the capacity of its research journals in order to better serve the mathematical community.

It was further suggested by CPub that one such way to increase the capacity of its research journals would be for AMS to launch an intermediate-level journal to better reach the target audiences of *Journal of the AMS*, *Proceedings*, and *Transactions*.

Procedure for New Publication Proposals

CPub was asked earlier in the year to establish a process for soliciting, processing, and responding to proposals to launch new AMS journals. A subcommittee was subsequently formed for this purpose and presented draft procedures and guidelines to the full committee. After some discussion, it was determined that the guidelines as drafted should apply only to proposals received for new specialty journals, and some amendments were made to the draft.

The approved Guidelines read:

CPub Guidelines for Reviewing Proposals to Launch a New Topical Journal

We expect that proposals will be submitted to the AMS at times that are convenient for the proposers, yet they must be reviewed carefully within the AMS calendar. For proposals submitted by April 1 of each year, recommendations should be finalized at the fall CPub meeting and presented to the AMS Council at the annual January meeting.

The considerations below provide guidelines on how to process and review individual proposals to launch a new topical journal; i.e., a journal specializing in some area of mathematics.

- A. Possible reasons to start a new journal include, among others, the following:**
- **To provide a home for papers in a new or expanding area of pure or applied mathematics, where no dedicated publication already exists.**
 - **To provide an additional publication venue for papers in an active field of mathematics or for papers of a particular type or quality.**
 - **To provide a new home for an existing journal that wants to change publisher (due to various problems, such as policy disagreements between the editorial board and the publisher).**
- B. A proposal to launch a new journal should include the following material:**
- **Description of the journal, its scope, intended readership, etc.**
 - **Information about the main competitors; how do they differ.**
 - **Data clarifying the potential pool of authors (obtained, for example, using Math Reviews data).**
 - **Data about the potential audience. This includes: the pool of potential readers (although this might be difficult to obtain); names of relevant leading academic and research institutions in which these readers are based.**
 - **Information about key meetings and conferences in the field.**
 - **Opinion from independent reviewers about the quality/importance and viability of the proposed journal.**
 - **Suggestions about how the work of the editorial board may be organized: how many (managing) editors, their specialty, what the role of the other editors will be (will they be corresponding editors or reviewers).**
 - **Suggestions for the possible composition of the editorial board**
 - **Suggestions on the frequency/size of the journal and type of articles to be published (research, survey, short notes).**

- **Suggestions on the delivery media (print vs electronic vs hybrid); suggestions on whether it should be an open access journal.**
 - **When available, information about funding of relevant research by NSF and other agencies.**
- C. **When reviewing a proposal the following factors are among the most crucial:**
- **Whether the proposed journal is important/useful for the general mathematical community or to a significant portion of this community.**
 - **Whether the pools of authors and readers are substantial and stable enough to support a journal.**
 - **Whether other publication venues already exist that adequately support the target mathematical community.**

Proposal to Launch a New Electronic Journal

Earlier this year, CPub submitted a report to Council on its assessment of AMS' proposal to launch a new journal titled *Journal of Applied and Computational Topology* (JACT) and Council later referred the proposal back to CPub for further discussion and consideration. The Committee was asked to make a recommendation to Council on an updated proposal to launch JACT, which included the reports of four independent reviewers and the initiative group's response to these reviews.

The Committee engaged in lengthy discussion on the updated proposal in which mixed opinions were expressed. Concerns were raised about the composition, breadth, and structure of the proposed editorial board as well as the scope of the journal and the overall strength of the proposal. Due to time constraints, CPub continued its discussion following the meeting and conducted a vote on the proposal via email.

As a result of post-meeting discussion the following proposal was submitted for a vote, which was conducted from October 8-14, 2014, using the online survey service SurveyMonkey:

CPub recommends that the AMS Council approve the proposal to launch the Journal of Applied and Computational Topology, provided that its Editorial Board consists of six Editors, one of which serves as the Managing Editor.

Since the mathematical and scientific breadth of the journal are extremely important, CPub recommends that the Council advise the Editorial Boards Committee to give serious consideration to the breadth and experience of the Editors it selects.

Of the 13 voting CPub members, 5 voted to in favor of the proposed recommendation, and 8 voted against it. The decision of CPub, as reached by majority vote, is to recommend against approval by Council of the proposal to launch *Journal of Applied and Computational Topology*.

Update on Publishing Strategy Development

The Committee received a written report on the current status of strategic planning for the publication program and MathSciNet and was informed that Publishing Trustee Liaisons Mark Green and William Jaco have actively participated in PSG discussions, continuing the collaborative approach to developing AMS' Publishing Strategic Plan.

Report on AMS Open Access Journals

The Committee received a written report on the current status of the AMS Open Access Journals provided by Associate Executive Director, Publishing Robert Harington.

Report on Mathematical Reviews

The Committee receives updated information about Mathematical Reviews (MR) annually from the MR Executive Editor, who is invited to attend all CPub meetings. Time constraints did not allow the Committee to receive a report at the time of the meeting. Newly appointed MR Executive Editor Edward Dunne distributed a written report to CPub via email following the meeting.

Next Meeting

The 2015 CPub meeting will be held Friday and Saturday, September 18-19, 2015, at the Chicago Hilton O'Hare in Chicago, IL. Professor Charles A. Weibel will continue in his current capacity as CPub chair through January 31, 2016.

In accordance with its annual review schedule, CPub will conduct an evaluation of AMS' electronic-only, translation, and distributed journals in 2015. A subcommittee will be assembled to complete the review, which will be presented at CPub's 2015 meeting.

Sergei Gelfand, *Publisher*
October 22, 2014

Proposal to Consolidate Translation Editorial Committees

The *Translations of Mathematical Monographs* (MMONO) series of the AMS was established in the early 1960's (with the first volume published in 1962), as part of the AMS Russian Translation Program. At that time, scientific exchange between the Soviet Union and the West was very limited, and translation of books and articles was an important vehicle that allowed mathematicians on both sides of the iron curtain to be informed about important developments in their areas. It is interesting that at about the same time a similar program was launched in the Soviet Union, and many mathematicians benefited from reading fundamental books and articles of Western mathematicians.

In the first 25 years of its existence, the series contained books translated from Russian. Then in 1986 the series expanded to include translations from Chinese, and in 1990, translations from Japanese. As of today (August 15, 2013), the series contains 243 volumes, with 182 being translations from Russian, 54 from Japanese, and 7 from Chinese. In its peak in the 1990's the series was quite active, publishing 10 titles in both 1994 and 1997. One important component of the series is the translation from Japanese of about 25 volumes of the *Iwanami Series in Modern Mathematics* that contains relatively concise introductory texts on important areas of modern mathematics. Recently, however, the series is significantly less active, with only 6 titles total (3 translated from Russian and 3 from Japanese) published in 2008-2012.

The dramatic decrease in the number of volumes in the MMONO series does not mean that the AMS stopped publishing translated books. On the contrary, in recent years we intensified our efforts in this direction and published a number of books translated from many languages including German, French, Russian, Spanish, Portuguese and Polish in other AMS book series, such as Graduate Texts in Mathematics, Student Mathematical Library, History of Mathematics, or as miscellaneous (out-of series) books.

Editorial control over the MMONO series was performed by the editorial committee formally called the *AMS-ASL-IMS-SIAM Committee on Translations from Russian and other Slavic Languages*. At some point this committee was extended to include the Subcommittee on Probability and Statistics (with members suggested by IMS) and the Subcommittee on Logic (with members suggested by ASL), which were charged with helping to select projects in these two areas. With the expansion of the series to Chinese and Japanese translations, two more editorial committees were then established: Translation from Chinese and Translation from Japanese. Currently all three of these committees still formally exist but are inactive, and in particular, have no current members.

At this point, the long-term future of the MMONO series itself remains unclear. Mathematics is becoming more and more global, with English being the prevailing language of scientific communication, and mathematicians worldwide striving to make their research available in English. This significantly reduces the flow of non-English language books, especially research monographs appropriate for the AMS publication program. However, some translation projects continue to come to the AMS (especially in Russian, Japanese and Portuguese), and it seems unreasonable, both from the editorial and business points of view, to discontinue one of the oldest AMS books series. Still, it is clear that the current structure of translation editorial committees is unnecessarily complicated and requires significant simplifications. One possible approach may be to dissolve all existing translation committees and subcommittees and establish the *AMS Translations of Mathematical Monographs Editorial Committee* in their place. The Committee would consist of, say, three or four members with each member being familiar with at least one of the relevant languages (e.g., Russian, Japanese, Chinese, Portuguese) and having a general knowledge of the landscape of mathematics research in the corresponding country/countries. This committee may not only select projects for the MMONO series, but may also recommend appropriate projects for other AMS book series.

Sergei Gelfand *Publisher*
August 15, 2013

Translations of Mathematical Monographs Editorial Committee

General Description

- Committee is standing
- Number of members is four
- Term is four years

Principal Activities

This editorial committee is charged with selecting books for translation and publication by the AMS which were originally published in a foreign language and exposit research-level mathematics of current interest to the mathematical community. Each book selected should make a noticeable new contribution to English-language mathematical literature.

Each committee member should be familiar with at one language in which potential projects were originally published (e.g., Chinese, Japanese, Russian, Portuguese). It is also helpful for committee members to have a general understanding of the development of mathematics in the corresponding country/countries.

This committee should also recommend appropriate foreign-language projects for other AMS book series; most importantly, for the Graduate Studies in Mathematics and Student Mathematical Library series. Such recommendations should be communicated to AMS Acquisitions Staff for further consideration by the editorial committee of the appropriate series.

The principal function of a book editorial committee is to decide the appropriateness of proposed book projects for publication. It is very important that the committee make its decision in a timely manner, usually within three months' time.

This committee will usually seek the advice of one or more outside experts in order to facilitate its decision process, but this is not always necessary. The AMS Acquisitions Staff is available to help the committee in any possible way, including communication with outside experts suggested by the committee.

Although most proposals will come to a committee from an AMS Acquisitions Editor, the Editorial Committee itself may solicit proposals.

MREC Annual Report for 2014

The committee met on October 13, 2014 at the MR Offices in Ann Arbor, Michigan. In addition to the usual attendees, Robert Harington participated in the meeting. Ed Dunne and Norm Richert presented an update on recent MR activities and a draft of the MR Operating Plan for 2015. Dunne also reported on the beginning of planning for MSC 2020, the decadal revision of the Mathematical Subject Classification by MR and zbMATH. The MR associate editors presented a list of 15 journals recommended for addition to the RLJ (Reference List Journals) collection. MREC approved the entire list. Three of the associate editors did a short presentation on “a day in the life of an AE”.

MREC was advised of the ongoing strategic planning within the AMS in general, and as regards MR in particular. A meeting with the consultant, Mark Ware, will take place at the MR offices on December 3-4. MREC encourages the solicitation of input from young researchers concerning possible improvements to the services provided by MR and MathSciNet.

MREC was gratified to observe that the “considerable stress” reported in the 2013 Annual Report seems to have lifted. This may in part be attributable to the addition of two new associate editors. Technological improvements have also assisted with the workload, though not always as much as might have been hoped. There is a current search for one more associate editor to replace Suzanne Zeitman, who is retiring. In view of the ever growing number of journals to be covered, MREC recommends the hiring of yet one more associate editor, perhaps in the area of algebraic geometry.

MREC was also pleased to learn of the in-house development of a more flexible search engine, first for internal use at MR, but with the view of improving the versatility of MathSciNet searches for MR customers as well.

Last year, Don McClure proposed and MREC strongly endorsed the introduction of a series of retrospective reviews of seminal papers not previously reviewed. For various reasons, this proposal was put on hold for a year. Ed Dunne has consulted with several of the associate editors, who are enthusiastic about the idea of retrospective reviews. MREC once again strongly endorses this plan and recommends that it be launched soon and advertised prominently, perhaps on the MathSciNet homepage and elsewhere. Several obvious candidates for retrospective reviews were mentioned, including a paper of Deligne, mentioned in his Abel Prize citation, and the Cooley-Tukey paper which introduced the fast Fourier transform.

Submitted by
Ronald Solomon

From the Office of the AMS Secretary

Submitted 08 November 2014

Committee: Andreas Fommer, Cameron Gordon, Barbara Keyfitz, Jeff Lagarias, Shigefumi Mori,
Ronald Solomon (Ch)

Donald McClure and Nitecki Zbigniew serve ex officio

To: AMS Council
Via: AMS Committee on the Profession
From: AMS Fellows Program Selection Committee
Re: Annual Report
Date: August 26, 2014

The AMS Fellows Program Selection Committee is charged with annually selecting a class of new AMS Fellows from among nominations received. This year, the Committee was given a target of 60 new Fellows by action of the Council.

We began our work by agreeing on some conflict of interest rules to govern our operations. The rules we agreed upon (which were unchanged from last year and which we recommend to our successor committees) are:

Committee members each agree to recuse themselves from discussion of any nominee where a close professional or personal relationship might create a perception of a conflict of interest. Examples include a recent or long-term collaborator, colleagues at the same institution, or a prior advisor/student or mentor/postdoc relationship. Such recusals will be declared to the committee chair after the list of nominees is known.

Once that task was complete, and once we were given access by AMS staff to the nomination materials for eligible nominees, we met via a series of conference calls totalling 18 hours and spanning more than a month, with the entire committee discussing each nomination. Most of our work proceeded by consensus until we had arrived at a list of 63 potential Fellows. We made a diligent effort to reduce the list further, but none of the proposals that were made for doing so achieved consensus or even a strong majority. Our final recommendation is to appoint all 63 as new Fellows for 2015.

We then turned to the task of editing the citations for new Fellows, putting them into a common style. We are happy to report that the citations proposed by nominators were closer to that style this year than last year, and we hope for continued improvement in this area as the pool of existing citations grows.

We are pleased with the changes that were made in the nomination procedure between last year and this year, and only have one further issue to raise, which came up in our deliberations. Currently, members of this committee are serving three year terms, and a nomination is eligible for a three year period. It was suggested that having a nomination considered by committees which were completely disjoint from each other could be a good thing, and that this could be achieved by allowing nominations to remain eligible for four years rather than three.

2014 Selection Committee: Ioana Dumitriu, Jane Gilman, John M Guckenheimer, Christopher Derek Hacon, Mark Kisin, Bryna Kra, John Edwin Luecke, Ezra N. Miller, David R. Morrison (Chair), Jill Catherine Pipher, Ravi D Vakil, Shmuel Weinberger

To: The Council of the American Mathematical Society
From: Joseph Watkins
Date: December 5, 2014
Re: 2014 Annual Report from the Chair, Committee on Academic Freedom, Tenure, and Employment Security

The Committee on Academic Freedom, Tenure, and Employment Security (CAFTES) is a standing committee of the American Mathematical Society. It can have up to nine members and each member serves a term in three years. Membership is staggered and the Chair is appointed for one year.

During the calendar years 2012 and 2013, CAFTES received no new cases. As a consequence, none of the current member of CAFTES have worked on a case. Two cases were presented to the Committee during 2014. The Committee's sole source for its terms of reference is an undated document that forms its general description along with an addendum Report of the Committee to Write Rules for the Operation of CAFTES. This Report appears to be more than 30 years old, but does not appear to have received any action by the Council of the American Mathematical Society.

In the absence of any standing procedures, the 2014 Committee prepared three documents.

- Guiding Principles
- Questionnaire
- A cover letter.

These documents were adopted by consensus by the 2014 Committee. In addition, the Committee adopted a protocol by which the Secretary of the Society makes a formal request to CAFTES to review a case. After CAFTES completes its review, the committee prepares a report for the Secretary who then makes a formal recommendation to the Council.

Complainants receive the cover letter, the 1940 Statement of Principles on Academic Freedom and Tenure with 1970 Interpretive Comments, the guiding principles and the questionnaire.

The two cases are not yet resolved. In broad terms, one case involves a senior professor and a contentious relationship with the central administration. The second describes circumstances that appear to contribute to a very divisive Department of Mathematics at a large university. The complainants have submitted their materials, which in the first case is a couple of dozen pages and the second, well over a 100 pages. These documents are placed in a secure site, namely the AMS Bulletin Boards.

While the Committee members struggle to carry out its duties in good faith, it suffers from a variety of shortcomings.

- It has no budget.
- It has no avenue to consult for legal expertise.
- It has no background among its members on methods of investigation.
- The formal procedures between the American Association of University Professors (AAUP) and the American Mathematical Society, indicated as desirable in the Report of the

Committee to Write Rules for the Operation of CAFTES, do not seem to have been established.

This leaves the Committee uncertain the ethics and the effectiveness of a variety of modes of inquiry – Should Department or University administrators be contacted? Should selected interviews be made? How do we ensure that our methods do no compromise the complainant's conditions of employment? How do we anticipate, manage, and resolve conflicts of interest? The Committee wants to proceed wisely and confidently, but has essentially no background or sources to consult for unbiased and reliable advice.

Thus, I would make the following suggestions.

- Training of the Committee on rules of conduct, facilitated by the AAUP having as a part of the training information on legal proceedings.
- Access to legal counsel for advice on cases.
- Budget for face-to-face meetings of the Committee to discuss cases.

Because deliberations are ongoing, the outcomes of the two cases are still in doubt. Report of the Committee to Write Rules for the Operation of CAFTES contemplates four possible categories:

- **C1** Cases that should be dropped (e.g., for lack of evidence or because there appears to be no legitimate complaint).
- **C2** Cases for the AAUP or other established agency.
- **C3** Cases for possible court action.
- **C4** Cases for mediation either by CAFTES or the AMS.

My guess is that the first case will fall into C4 (or perhaps C1) the second is very extensive and likely will fall into category C2.

For the first, we will need funding for a visit by mediators, either professional administrators or well-regarded mathematicians. Committee members are the obvious choices for support. For the second, we will need a speedy move by the Council to establish this relationship with the AAUP. Thus, I call on the Council to move expeditiously to formally endorse these four possible recommendations (or another procedure) and be prepared to provide the necessary resources and agreements to ensure that CAFTES can perform its responsibilities responsibly.

Enclosures:

- Committee on Academic Freedom, Tenure, and Employment Security (CAFTES), General Description
- Report of the Committee to Write Rules for the Operation of CAFTES
- CAFTES Guiding Principles
- CAFTES Questionnaire
- Cover Letter
- 1940 Statement of Principles on Academic Freedom and Tenure with 1970 Interpretive Comments

From the Office of the AMS Secretary:

Committee: Sa'ar Hersonsky, Julia Knight, David Manderscheid, Margaret Symington, Jeremy Teitelbaum, Julainna Tymoczko, Joseph Watkins

Summer 2014 CMS Board of Directors Meeting Report

The Canadian Mathematical Society (CMS) held its Summer Meeting on June 6-9 at the Delta Winnipeg Hotel in Winnipeg, Canada. I represented the American Mathematical Society (AMS) at the meeting of the CMS Board of Directors taking place on June 6.

The Board Agenda included several topics that have recently drawn the attention of the AMS Council. Here are a few of the issues that were discussed and may be of interest to the AMS Council and Executive Committee:

- The re-writing of the CMS by-laws with their expected ratification during the JMM 2015 meeting;
- The reciprocal agreements between CMS and AMS (and MAA);
- CMS's progress on establishing a CMS Fellows program;
- The reduction of the yearly number of in-person meetings to only one;
- The appointment of a task force to study CMS operations and make recommendations on its governance (the CMS operations have not been evaluated in over 20 years);
- Math faculty to University ratio was brought to our attention - a recent inventory of math faculty showed that there are approximately 2,800 faculty for 70 Canadian universities;
- Publication:
 - moving toward green Open Access journals;
 - increasing the number of journals published by the CMS in specialized areas and for longer papers as well.

About ninety minutes of the four-hour meeting were devoted to a presentation by Madeleine Bastien, Team Leader from the Natural Sciences and Engineering Research Council of Canada (NSERC), the main federal agency that supports university-based research in mathematics. Canadian granting agencies are still developing a green Open-Access model for all areas funded by federal agencies. Bastien was unequivocal: the NSERC (and any other federal agencies) will not authorize the use of its funds to pay for publication costs. Since the Canadian federal government is requiring "green" (rather than "gold") Open Access, the major task is to define what repositories for research articles will be deemed acceptable. It appears that the arXiv may be one of the options. Other issues addressed by Bastien included funding levels, which were unexpectedly increased by 15 million dollars for the Mathematical and Physics Divisions (for 2014-15), and success rates for grant proposals in mathematics.

Another topic brought up at the CMS Board Meeting was the membership attrition rate: the dramatic decrease in MAA memberships over the last 20 years was discussed and analyzed in hopes that it could shed light on the CMS situation.

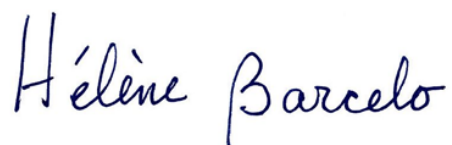
The possibility of CMS taking part in the AMS-MAA joint meeting was also discussed. The general impression was that the AMS was very open to this potential collaboration. I didn't feel qualified to offer any comments on this issue.

I spoke in detail with President-elect Lia Bronsard and various members of the CMS Committee on Publications about the AMS experience with its two new Open Access journals. I also mentioned the AMS joining the Congress for America and the AMS sectional meeting in Dalhousie.

It is fair to say that the members of the Board of Directors were keenly interested in the AMS experience with its two new Open Access journals and that the CMS would welcome additional information on this issue as it becomes available.

It was an interesting experience for me that significantly increased my understanding of how the CMS operates and what issues it is facing.

I thank the AMS for making this trip possible and Chris Stevens for suggesting me as her substitute.

A handwritten signature in blue ink that reads "Hélène Barcelo". The signature is written in a cursive, flowing style.

Professor Hélène Barcelo, Deputy Director
Mathematical Sciences Research Institute
July 30, 2014

Annual Report AMS Committee on Professional Ethics 2014

The Committee on Professional Ethics (COPE) for 2014 consisted of Allan Edmonds (chair), Ronald Evans, Erica Flapan, Priscilla Greenwood, Ron Irving, and Elizabeth Wilmer. The Committee handled two and a half cases this year, which are summarized below. The cases involved questions of plagiarism and the difficulties of deteriorated collaborations. In each case a committee member was recused from the deliberations in order to avoid any possible conflict of interest.

Some details are deliberately made vague here in the interest of confidentiality. Detailed confidential records of the Committee's deliberations and judgments, mostly accomplished through email discussion, are deposited with the Secretary of the AMS.

In the first case, one mathematician, call him or her Professor A, submitted a complaint of plagiarism against another, Professor B. The issue could not be decided easily because it was a question of ideas, not of literal words. The Committee solicited and received a response from Professor B. The Committee consulted with the editor of the journal that published the paper in question. We found that the editor and referee of the paper were aware of the charges of plagiarism and had decided that they were not justified. The Committee concluded that appropriate refereeing procedures were followed in the publication of the paper. We were not prepared to second-guess that process. Our conclusion was that it will be up to history and to the experts in the field ultimately to decide any lingering questions of originality or of mathematical correctness.

In a second case, Professor X sought advice from the Committee on X's deteriorating extended collaboration with Professor Y and whether and how X might proceed independently to publish the results of their research, which had languished for many months in incomplete form. We spent a long time seeking the separate views of the parties in an attempted mediation and trying to identify the core points of disagreement. The Committee concluded that all parties have equal rights to the results of a joint collaboration. Both parties can publish such results on their own if necessary, provided they give full acknowledgement of the contributions of the other. Despite, or perhaps because of, this decision the Committee held out hope that the parties involved would nonetheless find a way to publish at least their core results jointly. Although the Committee considered the case to be closed, the chair of the Committee continued to serve informally in a mediator role.

In a related issue, Professor Y felt that Professor X's graduate student G had improperly used the unpublished work of Professor Y in G's thesis and resulting papers. The issue was not entirely clear as the parties disagreed about the level of permission for sharing and using the results, as well as the extent to which G's results actually depended on those of Y. The Committee solicited Professor Y's detailed list of issues and transmitted

them to G with the request that G consider them and give suitable acknowledgement to the source of ideas where needed. The Committee declined to transmit a request that G cease publishing in this area until Y's results were published.

Finally, we received a complaint from a Professor M, following up on a case M had brought the previous year. This case was also the result of a failed collaboration. Professor M had noticed that Professor N had posted a new version of a paper on the arXiv in which N failed to give agreed upon acknowledgement to M, with whom the work had begun as a joint project. We verified with the editor and publishing office of the journal to which the paper had been accepted that the final version of the paper did not include the required acknowledgement. The journal agreed to hold the paper until this omission was corrected, and Professor N made the required correction.

In another matter, the chair of the Committee was contacted for advice by the editor of a journal on whether the editor had done enough in response to a referee's report that accused an author of plagiarism. It turned out that the case also included adding an author who did not know his name was on the paper. The lead author acknowledged the misdeeds and promised not to do it again. The editor never heard from a third author, probably a graduate student of the lead author. The question was whether the journal had done enough or whether, as the referee urged, the authors' department chairs should be notified and some other public shaming conducted. The chair felt that enough had been done in this case. But we also felt that the incident showed the importance of a journal contacting all authors of a paper before final acceptance.

Allan Edmonds
Chair, COPE

08 December 2014

2014 Annual Report of the AMS Committee on Women in Mathematics

1. Welcoming Environment:

A three person committee was formed with representatives from CoMC (Anna Mazzucato), CoProf (Don McClure) and CoWiM (Carol Wood). We drafted a statement which has gone through rounds for approval and legal checks and has now reached Council for action.

2. Childcare at meetings:

The AMS officers consulted CoWiM concerning the efficacy of arrangements for child care at the Joint Math Meetings (JMM). Money was being spent, and few were using the arrangements. It was agreed to use the same funds for 40 childcare grants of \$250 each. It is hoped that this one-year-trial will inform decisions on how to move forward.

3: Interactions with other committees:

Items of interest for CoWiM overlap significantly with those of (at least) AMS's Committee on the Profession (CoProf) and the Joint Committee on Women in the Mathematical Sciences (JCW), which has two AMS representatives: Christine Guenther (who co-chairs JCW) and Bernd Sturmfels. Sturmfels and I met in October, discussed our common interests, and agreed to share information about the two committees' activities.

The possibility was raised to have a JCW member serve on CoWiM, possibly ex officio, and this seemed a good idea to those who discussed it.

At its last meeting CoProf recommended that the Chair of CoWiM, or the Chair's designate, be invited to attend CoProf meetings. Certain items of interest to CoWiM (eg., the use of teaching evaluations and the effect on women, and the (non)-existence of parental leave policies for graduate students and postdocs) fall naturally under CoProf's purview.

4. Prizes:

The paucity of women nominated for and receiving AMS prizes has been noted repeatedly over time. We can all come up with reasons why this is the case, but the question is what can be done to address the situation. The same issue arises with nomination and selection of AMS Fellows. This is on the agenda for CoWiM's next meeting.

5: Defining our role

As a recently constituted committee, we continue to clarify what we can and should do. We now see a few places where our committee has a role:

a) CoWiM has access to AMS data, and benefits from Ellen Kirkland's advice and Jim Maxwell's willingness to help. One question raised last summer concerned graduate applications and admissions of women to graduate programs. Maxwell took a careful look, including at the various categories of institutions, and found no trend. CoWiM will consider questions for inclusion in the AMS survey, ones which would inform efforts to improve the status of women in the profession

b) CoWiM provides a place where the AMS leadership can turn with questions of particular relevance for women mathematicians (e.g. about child care arrangements at meetings, and the welcoming environment policy).

c) Prizes and Fellows, as mentioned above.

We welcome Council's input and advice on these and other matters which should come to our attention. CoWiM will meet Sunday morning January 11th, at 8am.

Respectfully submitted,

Carol Wood (Chair), for CoWiM (Ellen Kirkman, Victor Guillemin, Michael Reed, and Judy Walker)

November 29, 2014

Annual Report of the Joint Committee on Women in the Mathematical Sciences

In this report we collect the annual letter to the AMS by representatives Christine Guenther and Bernd Sturmfels, and the full minutes of the annual JCW meeting that took place in Chicago on September 13, 2014. The letter highlights completed action items from the previous year, as well as recommendations and action items for the current year. The minutes include a list of the current membership of the committee.

Respectfully submitted,

Christine Guenther, co-chair of the JCW
Paula Roberson, co-chair of the JCW

I: Cover Letter to the AMS from Representatives Christine Guenther, Bernd Sturmfels:

October 27, 2014

Please find attached the minutes of the September 13, 2014 meeting of the Joint Committee for Women in Mathematics. Here we briefly summarize the year's activities and call attention to various recommendations relevant to the AMS.

A. Completed action items from 2013/14 include:

- 2014 JMM panel held
- 2014 JSM panel held (new)
- 2014 Celebrating Women in Statistics panel held (new)
- 2014 AMATYC panel organized (new)
- Website and Facebook maintenance continued
- Approval of new JCW charge by AMS
- Inclusion of AMATYC by AMS Council
- Welcoming environment policies brought to societies.

B. Recommendations and Action Items:

1. With the current 3-year terms, it is important for new members of the JCW to be active in their first years. To aid them, the ASA has drafted a template for

new members. The representatives of each society will draft a version for their societies by January 2015.

2. The JCW recommends that each society adopt a welcoming environment policy and develop a reporting mechanism.
3. The JCW recommends that each society promotes mentoring at all stages: K-12 students, undergrads, grad students, post docs, junior, mid-level, and senior faculty, through panels or programs. Please see the minutes for details on what societies are currently doing.
4. In order to increase coordination with CoWIM, the JCW will send minutes and request information from its chair. We recommend that there be a joint member on CoWIM and the JCW. Similar recommendations are being made to other societies.
5. We request that the Joint Policy Board for Mathematics (JPBM) consider adding a representative from NAM to the JCW. A similar request is made by the representatives of the MAA, SIAM, and ASA.

Sincerely,

Christine Guenther
Bernd Sturmfels

II. Complete Minutes of the JCW Annual Meeting 2014

Joint Committee for Women in Mathematics Minutes: Annual Meeting 13 September 2014 Chicago O'Hare Hilton

Present: Janet P. Buckingham (ASA, Southwest Research Institute), Christine Guenther (co-chair, AMS, Pacific U), Melissa Holsten (NCTM, Women and Math Education), Magnhild Lien (AWM, friend of JCW), Tanya Leise (MAA, Amherst College), Jerry Porter (MAA, U Penn), Amber Puha (IMS,), Paula K. Roberson (co-chair, ASA, U Arkansas MS), Nancy Sattler (AMATYC, Terra CC), Bernd Sturmfels (AMS, UC Berkeley), Jane Tanner (AMATYC, Onondaga CC), Carol Woodward (SIAM, Lawrence Livermore National Labs).

Not present: Anne Gelb (SIAM, Arizona State), Johanna Neslehova (IMS, McGill), Karen Brucks (AWM, U of Wisconsin Milwaukee), Susanna Epp (AWM, DePaul University).

1. The JCW members briefly introduced themselves at the beginning of the meeting during a working lunch. Tanya Leise volunteered to record minutes during the meeting.
2. Co-chairs gave a brief overview of JCW: how the committee works and the responsibilities of each member, including forwarding approved minutes from the meeting and relevant action items to each representative's society governance and also to chairs of relevant committees like MAA CPW and AMS CoWiM. In particular, terms should be 3 years or longer and staggered to

maintain continuity on the committee. Dropbox will be used archiving internal documents; will examine other options for keeping archive, like private part of website.

ACTION ITEM: Members of societies with both representatives leaving should request staggered terms for future reps when reporting back to their societies. Connections with related groups like CPW and CoWiM as well as with members of key governance committees should be developed (either directly on JCW or reps establish two-way communication with them).

ACTION ITEM: Representatives should place copies of annual update letters sent to societies in archive to maintain record of important correspondence.

3. Reviewed September 2013 meeting minutes, and action items (what got done and what didn't). This year, we will include point person for each action item, and date when person will report back to the committee. Completed items included: JMM 2015 panel organized; 2014 ASA panel organized (new), Celebrating Women in Statistics panels organized (new); website continued; facebook maintenance continued; approval of new JCW charge by AMS; inclusion of AMATYC by AMS Council, ADVANCE items gathered and posted on website; welcoming environment policies brought to societies.
4. A template for informing new members, tracking key information (like who to contact within each society, how to get reimbursed, expectations of JCW reps) has been created for ASA, which can be adapted to the other societies. There was a discussion of its content, and how it can be modified for individual societies.

ACTION ITEM: Send comments to Paula Roberson about draft ASA template within 4 weeks. Representatives should adapt finalized ASA version for other societies by early January. In annual update to societies, representatives should include mention this will be happening

5. The AMS has extended the term of Christine Guenther for an additional year, and she will remain a co-chair. The election of second co-chair (start date 2/1/2015) will take place over email. The candidate is Carol Woodward. Duties of co-chairs include reviewing and prompting progress on action items, developing meeting agendas, setting up phone conference calls, communicating with Robin Hagan Aguiar at AMS, attending annual MAA CoProf meeting, organizing the JCW meeting at the joint mathematics meetings, and maintaining the DropBox.
6. Report on 2014 panels:
 - a. Joint Mathematics Meetings (JMM)

Title: Negotiating in Mathematical Careers, Joint Committee on Women in the Mathematical Sciences Panel Discussion

Abstract: The panel will address how to negotiate successfully throughout a career in academia or industry, from making the most of a first job offer to maximizing post-promotion opportunities. Strategic career negotiation is of particular relevance to women, who in part because of a reluctance to negotiate earn less than their male counterparts. The panel will cover issues to negotiate and strategies for doing so. Panelists will include faculty, researchers, and administrators, representing industry and academic institutions.

Organizers:

Janet Best, SIAM Representative, Ohio State University
Christine Guenther, AMS Representative, Pacific University
Amber Puha, IMS Representative, California State University San Marcos

Panelists:

Rachelle DeCoste, Assistant Professor, Wheaton College
Peter March, Professor, Dean of Natural and Mathematical Sciences, Ohio State University
Tanya Moore, Board of Directors, Building Diversity in Science, City of Berkeley public health department
Catherine Roberts, Professor, Department Chair, College of the Holy Cross

Attendance: around 40 in audience

b. Celebrating Women in Statistics

Title: Congratulations, You've Got Tenure! Now What??

Abstract: This panel focuses on opportunities and obstacles for professional growth and development faced by mid-career faculty post-tenure. Some individuals may wish to move into administrative positions, but this is not the only path for career advancement and professional satisfaction. Discussion will include how tenured faculty members can become active in mentoring their junior colleagues and how those recently promoted can seek out mentors from senior colleagues. Other topics will include the freedom that tenure provides to take risks in assuming new roles or moving into new research areas as well as potentially appropriate responses to pressures to undertake additional administrative responsibilities which might be counterproductive to one's personal career goals. Panelists and audience members will have the opportunity to share perspectives and lessons learned regarding strategies for targeting the next steps for one's career.

Organizer/Moderator:

Paula Roberson, ASA Representative, Univ. of Arkansas for Medical Sciences

Panelists:

Jodi Lapidus, Oregon Health Sciences University
Monnie McGee, Southern Methodist University
Jane Meza, University of Nebraska Medical Center

Attendance: approximately 30 in audience

c. Joint Statistics Meetings (JSM)

Title: Negotiating in Statistical Careers

Abstract: The panel will address how to negotiate successfully throughout a career in academia, government, or industry, from making the most of a first job offer to maximizing post-promotion opportunities. Strategic career negotiation is of particular relevance to women, who in part because of a reluctance to negotiate earn less than their male counterparts. The panel will cover issues to negotiate and strategies for doing so. Panelists will include faculty, researchers, and administrators, representing industry, academic institutions, and government funding agencies.

Organizers:

Janet Buckingham, ASA Representative, Southwest Research Institute
Amber Puha, IMS Representative, California State University San Marcos
Paula Roberson, ASA Representative, Univ. of Arkansas for Medical Sciences
(Moderator)

Jane-Ling Wang, IMS Representative, University of California Davis

Panelists:

Nandini Kannan, University of Texas at San Antonio
David Madigan, Columbia University
Nancy Reid, University of Toronto
Kelly Zou, Pfizer

Attendance: around 40 in audience

7. Update on upcoming panel at the 40th Annual AMATYC Conference in Nashville, Tennessee, Nov 13-16, 2014:

November 13, 2014, Ryman Ballroom A, 11:30 – 12:20 pm S034 DIG

Title: Don't get left out in the cold: How to navigate

President: Martha Whitty, The CC of Baltimore County, Baltimore, MD

Panelists:

Joanne Peeples, El Paso CC, El Paso, TX
Judy Ackerman, Montgomery College, Rockville, MD
Linda Braddy Deputy Executive Director of MAA, Washington, DC

Abstract: How do you negotiate successfully for a career in academia or industry? The panel will address this question, along with suggestions about moving from adjunct to full-time, moving to administration,

and mentoring students (and former students) seeking jobs. Differences in the way women and men approach negotiation will be addressed.

8. Update on upcoming panel at the 2015 JMM in San Antonio:

January 11, 2015, 1:00 p.m.-2:30 p.m.

Joint Committee on Women in the Mathematical Sciences Panel Discussion

Title: Effective self-promotion to advance your career in mathematics.

Room 202B, Convention Center

Organizers:

Christine Guenther, Pacific University

Patricia Hale, California State Polytechnic University, Pomona

Tanya Leise, Amherst College

Panelists:

Pam Cook, University of Delaware

Deborah Lockhart, National Science Foundation

Dana Randall, Georgia Institute of Technology

Sara Y Del Valle, Los Alamos National Laboratory - See more at:

http://jointmathematicsm meetings.org/meetings/national/jmm2015/2168_program_sunday.html#sthash.lollSo8u.dpuf

9. JSM (2015): Caucus on Women in Statistics has organized session on implicit bias, which JCW will request to co-sponsor.

Title: Implicit Bias: What Statisticians Need to Know and Do

Organizers: Amanda L. Golbeck, University of Montana, USA and Yulia R. Gel, University of Waterloo, Canada

Abstract: Explicit bias reflects our perception at a conscious level. In contrast, implicit bias is unintentional and operates at a level below our conscious awareness. Implicit stereotypes and prejudices shaping this hidden bias are widely studied in a variety of fields, from criminal justice to medicine to CEO selection at Fortune 500 companies. Many concrete obstacles on the path to professional success of underrepresented minorities in STEM fields and, in particular, statistical sciences, have been largely overcome. However, the problem of unconscious bias still remains one of the most challenging barriers. For instance, women constitute an increasing proportion of statistics, science and engineering majors at all institutions (around half of all STEM undergraduates). Yet they still make up only a very small proportion of faculty members at research universities. Their representation in organizational leadership positions, and among recipients of professional awards and prizes, still remains substantially low. Can we afford to have such unintentional perceptions continue to hinder the success and advancement of women and other underrepresented groups? Can we afford to continue to underuse human capital in science? This session aims to illuminate what statisticians need to know and do to

break the glass ceiling of implicit bias and eliminate prejudice in statistical and other STEM disciplines. The panel will feature prominent statistical leaders, both men and women, with a vast leadership experience in both academia and industry and a wide spectrum of geographical representation.

Chair/Moderator: Amanda L. Golbeck (University of Montana)

Panelists:

1. Nicholas P. Jewell, Head, Division of Biostatistics and Former Vice Provost
University of California-Berkeley, USA, jewell@berkeley.edu
2. Judith D. Singer, Senior Vice Provost for Faculty Development and Diversity,
Harvard University, USA , judith_singer@harvard.edu
3. Charmaine Dean, Dean of Science, University of Western Ontario, Canada,
cbdean@uwo.ca
4. Arlene Ash, Division Chief, Biostatistics and Health Services Research,
University of Massachusetts, USA arlene.ash@umassmed.edu
5. Jon Kettingring, RISE Director, Drew University, USA and formerly Executive
Director, Bellcore and Telcordia Technologies. jkettentr@drew.edu
6. Marcia Gumpertz, Assistant Vice Provost for Faculty Diversity, North Carolina
State University, USA gumpertz@ncsu.edu

10. Started organizing next JMM panel (2016): "How to succeed in graduate school." Patricia Hale, Bernd Sturmfels, and Maghild Lien volunteered to start organizing this panel. Topics could include mentoring (e.g., how to seek out good mentors), leave issues, persistence, dealing with harassment and other social barriers, identifying good graduate programs to apply to. Aimed at grad students and also undergrads.

ACTION ITEM: Finalized panel with invited speakers should be submitted to Penny Pina, Director of Meetings, pop@ams.org, who will forward it to the program committee, by end of March 2015.

11. Next Celebrating Women in Statistics panel (2016): possibly also a graduate school topic.

ACTION ITEM: Finalized panel with invited speakers should be submitted by end of August 2015.

12. Next JSM panel (2016): Effective self-promotion to advance statistical career, with emphasis on finding industry and government jobs. Reps from statistics societies will organize.

ACTION ITEM: Finalized panel with invited speakers should be submitted by end of August 2015 as invited session.

13. At JMM, graduate program chairs meet to discuss successful management of graduate programs. JCW will consider requesting 10 minutes to share policies for attracting and retaining women graduate students.

ACTION ITEM: Discuss this during January conference call. The presentation could be based on information arising from graduate program panel.

14. Update on welcoming environment policy:
 - a. ASA (Janet Buckingham): Starting in 2015, registration will include a checkbox to indicate awareness of policy. Policy and reporting information will be printed in program (report incidents to organizer of event or chair of conference committee, will be clearly indicated in program, as well as possible consequences of bad behavior, such as being barred from future conferences).
 - b. AWM (Magnhild Lien): Policy is posted in program for all AWM events. Does not include reporting mechanism at this time.
 - c. AMS (Amber Puha): Policy forwarded by JCW to AMS Committee on the Profession as sent to a subcommittee, who drafted a revised policy (which would include a website and 800-number for reporting incidents, using a hotline service company). The AMS Council will consider approving it in January 2015.
 - d. MAA (Jerry Porter): MAA is in process of revising code of ethics, with relevant part split into two pieces, welcoming environment and whistleblower policies.
 - e. AMATYC (Nancy Sattler): AMATYC approved the policy in April 2014 and has posted on website. Incidents should be reported to president, who will investigate and then determine outcome.
 - f. SIAM (Carol Woodward): Policy will probably be considered at Board meeting in December.
 - g. IMS (Amber Puha): Will reconsider current policies, based on what larger societies decide to enact.
 - h. NCTM: No policy reported on website. Representative will request information.
 - i. The JCW gratefully acknowledges Marie Vitulli for raising this issue.

Discussed whether JCW should recommend a reporting mechanism to all societies.

ACTION ITEM: When reporting back to member societies, JCW representatives should share what other societies are doing, and encourage their societies to adopt a welcoming environment policy and reporting mechanism, if they haven't already.

15. AMS journals update (Amber Puha): Currently statistics about AMS journals such as backlog, acceptance rates, etc, does not include gender of authors, but there seems to be openness about considering gathering such information.
16. Advocating more flexible career paths to retain women in the pipeline discussion: no clear recommendations JCW can make to societies, but could be possible future panel topic.
17. Mentoring:
 - a. AWM mentoring network: interested mentors and mentees can sign up online, paired by committee. Annual reports are posted online. Website <https://sites.google.com/site/awmmath/programs/mentor-network>. AWM also has a short-term mentoring component at its workshops.
 - b. ASA's mentoring program has online applications, expectations that pairs will be in contact 4-6 times during year. Follow-up survey at end of year, pairs can choose whether or not to continue. Guidelines and suggestions are provided to foster mentoring. Also developing "mentoring in a box" to help other groups start up their own mentoring programs. Related item: ASA's docent program at JSM to help attendees navigate the meeting was very successful and will be continued.
 - c. Project NExT mentoring and listserv has been long-term success.
 - d. "Speed mentoring" at Celebrating Women in Statistics.

ACTION ITEM: When reporting back to member societies, representatives should share what other societies are doing with regard to mentoring, and state that the JCW recommends that societies promote mentoring at all stages: K-12 students, undergrads, grad students, post docs, junior, mid-level, and senior faculty, through panels or programs. (CG: we could include the sentence that I struck, but it seemed too broad to me.)

18. JCW website (<http://jcwmath.wordpress.com/>): Currently maintained by Tanya Leise, will be taken over by Nancy Sattler in February. Members gave feedback on improving organization and content of site.

ACTION ITEM: Tanya will update website based on feedback and also information from Patricia Hale on mentoring, recruiting and retaining diverse faculty, etc.

ACTION ITEM: Representatives should check whether societies link to JCW website, and request it if not linked. (ASA already does.)

19. JCW Facebook: Currently maintained by Marty Carr and Nancy Sattler. Marty Carr (who originally set up JCW-math page) has rotated off committee, so

question of how to transfer ownership rights. Also consider adding alias to make easier to find. Janet Buckingham is willing to help.

20. Future aim: Increase coordination with other groups like the CPW (MAA's Committee on the Participation of Women), new AMS Committee on Women in Mathematics (CoWIM), ASA Committee on Women in Statistics, Caucus for Women in Statistics. New IMU website was introduced.
 - a. Caucus for Women in Statistics is currently working with ASA and IMS on ways to make speakers and awards better reflect diversity of membership.

ACTION ITEM: Send minutes from the JCW to the MAA, AMS, and ASA committees mentioned, and request information from their chairs on their activities. Recommend having a joint member to the AMS. Check analogs of these committees for other societies.

21. Discussion of requesting NAM (National Association of Mathematicians) to join JCW, to increase the diversity of committee make-up and broaden perspectives.

ACTION ITEM: Representatives of MAA, AMS, SIAM, and ASA send a request that the item be taken up by the Joint Policy Board for Mathematics (JPBM).

ACTION ITEM: Representatives will investigate whether SACNAS has a mathematics arm, or whether there are other organizations that we should consider adding.

22. Wrap up included how to follow-up on action items and conference calls during year (likely end of January and sometime in April).

JCW members joined the AMS Committee on the Profession (CoProf) for dinner following the meet

**Mathematics Research Communities
Advisory Board
Annual Report
2014**

The Mathematics Research Communities (MRC), a program of the AMS, provides early career mathematicians—those who are close to finishing their doctorates or have recently finished—with opportunities to build social and collaborative networks to inspire and sustain each other in their work. The program, which began in 2008, has been funded by the National Science Foundation. The structured program engages and guides all participants as they start their careers. The program includes:

- One week summer conferences for each topic
- Special Sessions at the Joint Mathematics Meetings
- Discussion networks by research topic
- Funding for additional collaborations
- Longitudinal study of early career mathematicians.

The Advisory Board provides advice and guidance to the AMS staff concerning the Mathematics Research Communities (MRC) program. The Advisory Board reviews applications for organizing future Mathematics Research Communities workshops, (possibly) solicits additional applications and determines the conferences. The Advisory Board may also be asked to consider various policy questions regarding the MRC program that arise from time to time.

In 2014, the following MRC conferences, listed with organizers, were held:

Cluster Algebras, June 8 – 14, 2014

Michael Gekhtman (University of Notre Dame)
Mark Gross (University of California, San Diego)
Gregg Musiker (University of Minnesota)
David Speyer (University of Michigan)
Gordana Todorov (Northeastern University)

Algebraic and Geometric Methods in Applied Discrete Mathematics, June 15 – 21, 2014

Carina Curto (University of Nebraska-Lincoln)
Jesus A. De Loera (University of California, Davis)
Christine Heitsch (Georgia Institute of Technology)
Michael Orrison (Harvey Mudd College)
Francis Edward Su (Harvey Mudd College).

Mathematics of Quantum Phases of Matter and Quantum Information, June 24-30, 2014

Siu-Hung Ng (Iowa State University)
Eric C. Rowell (Texas A&M University)
Zhengan Wang (Microsoft Station Q and U.C. Santa Barbara).

Network Science, June 24-30, 2014

Mason Porter (University of Oxford)
Aaron Clauset (University of Colorado, Boulder)
David Kempe (University of Southern California)

The MRC Advisory Board has chosen the following conferences, listed with organizers, for 2015:

Commutative Algebra, June 7 – 13, 2015

Srikanth B. Iyengar, University of Utah
Karl Schwede, University of Utah
Liana Segal, University of Missouri—Kansas City
Gregory G. Smith, Queen's University
Wenliang Zhang, University of Nebraska

Financial Mathematics, June 14 – 20, 2015

Maxim Bichuch, Worcester Polytechnic Institute
Michael Carlisle, Baruch College, CUNY
Olympia Hadjiliadis, Brooklyn College, CUNY
Birgit Rudloff, Princeton University
Stephan Sturm, Worcester Polytechnic Institute

Differential Equations, Probability and Sea Ice, June 21 – 27, 2015

Daniel Feltham, University of Reading
Kenneth M. Golden, University of Utah
Mary Silber, Northwestern University
Court Strong, University of Utah
Deborah Sulsky, University of New Mexico

The Advisory Board is currently working on the 2016 MRC conferences.

*Ellen J Maycock, AMS
Coordinator of Special Projects
October 22, 2014*

Peter E. Trapa
Department of Mathematics
University of Utah
Salt Lake City, UT 84112-0090
ptrapa@math.utah.edu

November 30, 2014

Dr. Darla Kremer
Program Manager, Office of the Secretary
American Mathematical Society
Department of Computer Science
Campus Box 8206
North Carolina State University
Raleigh, NC 27695-8206

Cc: Robin Hagan Aguiar

Dear Dr. Kremer:

This is a report on the activities of the Arnold Ross Lecture Series Committee during 2014. The current membership of the committee is:

- Allan P Donsig (University of Nebraska-Lincoln)
- Donald A Outing (US Military Academy)
- Glenn Stevens (Boston University)
- Peter E Trapa, Chair (University of Utah)

The 2014 Arnold Ross Lecture was delivered by Henry Cohn of Microsoft Research New England and MIT on November 4 at The Leonardo, a science and technology museum in Salt Lake City, Utah.

Approximately 150 students from 8 schools attended. The AMS was represented by Robin Hagan Aguiar, Mike Breen, and Bill Butterworth. I gave some welcoming remarks and a brief history of the Arnold Ross Lecture series before introducing Henry. He then delivered a beautiful and engaging lecture entitled "What's the densest sphere packing in a million dimensions?" beginning with a discussion of higher dimensions and ending with applications of sphere packing to information theory.

After a short break, there was a contest called *Who Wants to Be a Mathematician?*, hosted by Mike Breen of the AMS. Eight pre-selected students competed. They were:

- Noa Bauman, City Academy

- Aaron Carlisle, Salt Lake Center for Science Education
- Joseph Cieslewicz, Wasatch High School
- Hanna Gilman, Utah Military Academy
- Elizabeth Haroldsen, Wasatch High School
- Hunter Schmidt, Academy for Math, Engineering and Science
- Caden Stewart, Weber High School
- Ruby Thorn, Academy for Math, Engineering and Science

Two rounds of four competitors led to a final competition between Aaron Carlisle and Hunter Schmidt, with Hunter prevailing. Prizes were as follows:

- TI-Nspire CX from *Texas Instruments* and \$1,000 from the *AMS*: Hunter Schmidt
- TI-Nspire CX from *Texas Instruments* and \$500 from the *AMS*: Aaron Carlisle
- Maple 18 from *Maplesoft*: Ruby Thorn and Joseph Cieslewicz
- *Calculus* by Anton, Bivens and Davis from *John Wiley and Sons*: Caden Stewart and Noa Bauman
- *What's Happening in the Mathematical Sciences, Vol. 9* and *Mathematics Everywhere* from the *AMS*: Elizabeth Haroldsen and Hanna Gilman

Feedback from students and their teachers was uniformly positive.

Report from Liaison Committee with the AAAS

For many years, the AMS has provided the majority of funding for mathematics related activities at the annual meeting of the American Association for the Advancement of Science (AAAS). The principal activity of the Liaison Committee is “to generate and review mathematics-related programs and activities at AAAS meetings in close contact with AMS representatives to the AAAS and with the Officers of Section A.” (Section A is the mathematics section of AAAS, although the Liaison Committee also discusses potential activities for Section Q, which is the section focused on education.)

The Liaison Committee meets at each annual meeting of the AMS and its discussion is transmitted to the business meeting of Section A, which takes place at the annual meeting of AAAS each February.

Although mathematicians belong to AAAS for a variety of personal reasons, collectively Section A (Mathematics) sees the promotion of mathematics in the scientific community as a major responsibility. We want scientists to be aware of novel and creative applications of mathematics to science and society, and of those breakthroughs in mathematics significant enough to reach the popular and scientific media.

Arranging for mathematics symposia is part of meeting this responsibility. Because this type of activity -- presentations by mathematicians to a scientific, and therefore quantitatively literate, audience -- is unique to the AAAS meeting, Section A leadership, with the support of the mathematics societies, recruits and nurtures symposium proposals. This process begins with a meeting in January of a committee of the mathematics societies, where topics and organizers are identified, and continues through the Section A February meeting at the AAAS annual meeting, and subsequent formal and informal consultation.

The most recent meeting of the Committee was January 2014 in Baltimore. There, the Committee reviewed the mathematics program at what was the upcoming AAAS meeting in Chicago (February 2014) and discussed a number of potential topics for symposia or major talks at the 2015 AAAS meeting, to be held in San Jose.

The names of specific organizers were solicited, and various members of the Liaison Committee were assigned to contact these people in order to bring proposals to the Section A business meeting in February. Some of these ideas worked out; some did not. Each year, a final report connecting the AMS' support for speakers to the mathematics program at the AAAS is sent in April to the Executive Committee and Board of Trustees (ECBT) of the AMS.

The Liaison Committee serves as an excellent starting point for assembling proposals for the mathematics portion of each AAAS meeting, and it has functioned smoothly for a number of years in this capacity. There is broad representation from the mathematics community on the Liaison Committee, extending beyond the AMS. In this way, the Society provides support for AAAS that extends beyond its financial commitments.

Andy Magid
Secretary, Section A, AAAS

From the Office of the AMS Secretary:

Committee: David Bressoud, Robert Calderbank, Charles Epstein, Rebecca Goldin, Martin Golubitsky, David Levermore, Doron Levy, Andy Magid, Juan Meza, David Wright
Submitted 01 December 2014

AMS Library Committee
2014 Annual Report
December 3, 2014

The AMS Library committee met at the 2014 AMS/MAA Joint Meetings in Baltimore. Please see the agenda and brief notes below.

Parker Ladwig and Peter Perry were appointed co-chairs effective February 1, 2014. Other committee members are Wesley Calvert, Sherry Chang, Sam Nelson, Robert Noel, Steve Rockey, and Peter Sagan.

The committee is scheduled to meet at the JMM in San Antonio on Sunday, January 11, 1:00 – 2:30pm. Although some members may not attend the JMM, we are planning to include as many members as possible via video conference technology.

The co-chairs are currently considering agenda items for the upcoming meeting.

Respectfully submitted,

Parker Ladwig (University of Notre Dame), co-chair
Peter Perry (University of Kentucky), co-chair

**AMS Library
Committee
Meeting Agenda
Friday, January 17, 2014 - Hilton-3rd Floor, Brent
Room 10:00 – 11:00 am**

Committee Member Attendees: Cunera M. Buys, Robert E. Noel

Remote attendees: Kristine K. Fowler, Parker Ladwig, Peter A. Perry, Bruce Sagan (Committee Appointee), Andrew V. Sills

AMS Staff / Guests: Robert M. Harington, *Associate Executive Director, AMS Publishing*, Maureen Schupsky (*Annals of Mathematics*), Jane Holmquist (Princeton)

Open Session

- ORCID IDs by mathematicians
The AMS joined last year, and Robert H. believes that it is a good project and that the AMS should be associated with it. Having the ORCID ID alongside the MR ID would be powerful. The next step is to have conversations between the AMS and ORCID.
- Funding / budget issues and the lingering effects of the Great Recession on university library budgets
Consensus among librarians present that budgets continue to remain flat at best, and that any new titles generally meant something had to be cut from the current title list.
- The high cost of journal subscriptions which in part led to Tim Gowers' boycott of Elsevier as chronicled in his blog:
<http://gowers.wordpress.com/2012/01/21/elsevier-my-part-in-its-downfall/>
Elsevier has responded with a series of open letters to the mathematics community:
<http://www.elsevier.com/physical-sciences/mathematics/letters-to-the-community>

Note: Pricing will be excluded from the discussion.

At many universities, “Big Deals” are a large part of their acquisitions budgets, leaving little for subject specialties and/or any flexibility in purchasing. Robert H. said that it is his impression that currently funding for the Big Deals is allocated first, then whatever is left to the remaining needs. He encouraged librarians to put societies first in order when considering allocating annual budgets. He also realized that there were other considerations and that many libraries were contractually locked into Big Deals for many years. The librarians agreed that this is thorny issue.

- The move to open access publishing which generally shifts costs away from university libraries to authors in the form of page charges
Some universities, led by their libraries, are establishing funds to support OA journals and providing authors with means to pay APCs. Predatory journals are taking their toll on OA’s image, making open access journals generally appear suspicious as publication venues. There was a sense while OA is a good thing in

principle, it shifts the cost from libraries to authors, who then shift the cost back to libraries. There was also general dislike among librarians of hybrid journals, subscription journals that offer an OA option. OA might also be thought of differently by each discipline. Biologists, for example, are very pro OA.

- The role of electronic readers/apps for libraries
Robert N. noted the CRAM 101 guides, expressing concern about them. Jane noted that according to YBP, “Textbook Outlines” went back to 2006.

Closed Executive Session

- E-Books: distributors, platforms, features, Print on Demand (PoD), digital rights management. Increased AMS advancement into e-Book publication (directly or via an aggregator)--while the AMS is striving to providing more, a lot of monograph content is still print-only.
- How can the AMS partner with libraries to serve faculty and students?
David Ruddy noted that a number of publishers have been approaching him to work to set up links to the published version of the arXiv preprint. Steve R. noted that this is of value to readers.
- MathSciNet (utility, features, improvements, APIs, author profiles)
Kris mentioned that the new exLibris Discovery system did not list MathSciNet as one of the databases that they can draw from, and that having it available would be a service. Robert H. explained that the AMS was looking into how MathSciNet and other AMS publications could be incorporated into discovery vendor systems.
- Other AMS business

AMS Library Committee
Meeting Agenda
Friday, January 17, 2014 - Hilton-3rd Floor, Brent
Room 10:00 – 11:00 am

Library Committee
Members

NAME	LOCATION	START DATE	END DATE
Cunera Buys	Evanston, IL <i>Co-chair</i>	01-Feb-2011 <i>01-Feb-2012</i>	31-Jan-2014 <i>31-Jan-2014</i>
Wesley Calvert	Carbondale, IL	01-Feb-2013	31-Jan-2016
Kristine K. Fowler	Minneapolis, MN	01-Feb-2011	31-Jan-2014
Parker Ladwig	Notre Dame, IN	01-Feb-2012	31-Jan-2015
Robert E. Noel	Bloomington, IN	01-Feb-2012	31-Jan-2015
V. Sam Nelson	Claremont, CA	01-Feb-2013	31-Jan-2016
Dr. Peter A. Perry	Lexington, KY	01-Feb-2012	31-Jan-2015
Dr. Andrew V. Sills	Statesboro, GA <i>Co-chair</i>	01-Feb-2011 <i>01-Feb-2013</i>	31-Jan-2014 <i>31-Jan-2014</i>

2014 Committee Appointees

Sherry Chang, sherry.chang@stonybrook.edu

Steven Rockey, swr1@cornell.edu

Bruce Sagan, sagan@math.msu.edu

AMS Short Course Subcommittee Annual Report

December 06, 2014

Proposal submission status for 2015 implementation:

- Last year, we received a total of two proposals for short courses to be implemented at the 2015 Joint Mathematics Meetings to be held in San Antonio, Texas. One was viable (the one with which we are moving forward), and one was not. See the 2014 AMS Short Course Subcommittee Annual Report 2013 for further details.

Proposal submission status for 2016 implementation:

Since the submission by John de Pillis could pose a potential conflict of interest for me, I have stepped down as Chair of the Short Course Subcommittee. The following is my current understanding of proposal status. I cannot report on activities that have taken place since stepping down as Chair and resigning from the committee.

- At the time of this writing, there had been only one short course proposal submitted for 2016.
- John de Pillis submitted this proposal to the committee in October 2014. As of this writing, the proposal is in the hands of the committee, and the status of the proposal is still unknown.
- Ezra Miller is in contact with Jeremy Gunawardena to try to get a proposal submission.
- Joyati Debnath (JDebnath@winona.edu) has expressed an interest in submitting a proposal in forensic mathematics.

Comments:

I have been working actively to recruit submissions. In particular, I've reached out to networks of women mathematicians, since we would do well to increase the representation by women in these short courses. Joyati Debnath's suggestion arose from that effort (I do not know Joyati personally).

Joyati Debnath would like to interface with whomever the new Chair of the subcommittee is going to be in order to get some feedback on processes. I

have let her know that I am stepping down, and have communicated to her that she should expect the next Chair to get into contact with her.

When choosing future Chairs and committee members, I support seeking out strong mathematicians who are sympathetic to the need to increase participation by women in this work.

It was a pleasure working on this committee. I hope to have opportunities to help with future AMS endeavors.

Respectfully submitted,
Lisette de Pillis
Chair, February 2014 - November 2014.

From the Office of the AMS Secretary:

Committee: William Cook, Lisette de Pillis, Fernando Guevara Vasquez, Gregory Lyng, Ezra Miller, Konstantin Mischaikow, Peter Winkler

2014 Annual Report from the Fan Fund Committee

The committee reviewed only four applications for award this year, and we decided against awarding all four since the quality of one file was rather weak.

I can speculate on why this happened: there is ample funding available from Chinese sources for research collaboration abroad. We would suggest that in the future years the amount of award be increased substantially (reducing the total number to one or two awards) in order to attract higher quality applicants.

Respectfully Submitted by

Paul Yang on behalf of the committee (Dihua Jiang, Jiewang Nie, and Paul Yang)

November 30, 2014

Policy on a Welcoming Environment

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 1.800.xxx.yyyy or at www.ams.org/about-us/governance/policy-statements/sexualharassment. The reporting mechanism ensures the respect of privacy while alerting the AMS to the situation.

For AMS policy statements concerning discrimination and harassment, see

<http://www.ams.org/about-us/governance/policy-statements/sexualharassment>.

*Anna Mazzucato, CoMC
Donald McClure, CoProf
Carol Wood, CoWiM*



The AMS Fellows Program

[I Program](#)

[II. Initial Implementation](#)

[III. Selection Process](#)

[IV. Footnotes](#)

[Appendix A: Change history](#)

This is 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.

**Proposal to create an
Office of Education and Diversity
in the American Mathematical Society**

William “Bus” Jaco, Grace B. Kerr Professor of Mathematics, Oklahoma State University
Phil Kutzko, Professor of Mathematics, University of Iowa

It is proposed that the American Mathematical Society establish an Office of Education and Diversity. A compelling model for such an office has been developed by the American Physical Society¹; similar models exist in other professional organizations as well. It should be noted that a major difference between the model proposed for the AMS and that at APS is in scope: the office proposed here will deal only with doctoral education. For this reason, it will be necessary to collaborate with other education/diversity efforts within the mathematical sciences community for a seamless transition of students from K-16 through graduate education and into the workforce. Specifically, the office proposed here will work to

- Increase the number of domestic² students who enter doctoral programs in mathematics.
- Improve retention and time to degree for these students.
- Improve placement of these students in the workforce.
- Foster the growth of a community of mathematical scientists that promotes a diverse and inclusive profession.

Rationale:

AMS data³ for the year 2002 show that 47.3% of all Ph.D.s in mathematics that year went to US citizens and that, of that group, 28.4% went to woman while 5.5% went to students from ethnic backgrounds that have historically been underrepresented in mathematics. A decade later, these percentages were respectively 52.7%, 25.5% and 7.2%. That is, there has been a modest increase in the percentage of US citizens, a decline in the percentage of woman and a significant increase in the percentage of underrepresented minorities. In fact, this last increase occurred largely from 2009 to 2012 and included a significant contribution from three mathematics programs⁴ that invested many years of effort in this area and saw these efforts begin to come to fruition during those years.⁵ A critical observation is that these three programs were not the first to undertake this effort. Indeed, there have been such efforts at least since 1990 and although several of them had great initial success, they were not sustained long enough for their effect on numbers of doctoral students to be evident.

¹ <http://www.aps.org/about/support/education.cfm> . See

<http://www.aps.org/programs/education/upload/APLU-booklet-FINAL-for-web.pdf> for a history of this office

² The term “domestic” as used here will refer to all students enrolled in US undergraduate degree programs.

³ <http://www.ams.org/profession/data/annual-survey/docsgrtd>

⁴ The departments of mathematics at North Carolina State University and the University of Iowa and the Simon A. Levin Mathematical, Computational and Modeling Sciences Center at Arizona State University

⁵ See table at the end of this document

The more recent efforts have in common with the earlier ones that they were initiated by small groups of faculty rather than being created centrally as a response to the obvious need. That these more recent efforts are still thriving is perhaps a testament to the common concern with institutionalization on the part of the faculty who lead these efforts. This concern has led to the formation of the National Alliance for Doctoral Studies in the Mathematical Sciences, an evolution of an earlier alliance centered at the University of Iowa⁶, in which all three of the programs mentioned above are active participants.

The Alliance is funded by a grant from the DMS-NSF Infrastructure Program, this funding having been provided to determine the efficacy of the Alliance approach and to provide time for the Alliance to find a permanent home. By any measure, the Alliance has been a success, so far. It has built a large network of faculty at mathematical science departments that serve significant numbers of underrepresented undergraduate and Master's students and, perhaps of great relevance here, it has encouraged the creation of groups of faculty at math sciences doctoral granting departments who have agreed to gradually transform their doctoral programs so as to make them attractive to domestic students, especially woman and minority students, who wish to earn doctorates in a mathematical science. There are now 31 of these Graduate Program Groups⁷ and there is increasing evidence that they will succeed much in the manner of the three groups on which they are modeled.⁸

An important lesson learned from the three programs mentioned above is that **strategies developed to increase the number of minority doctorates will work equally well when applied to all domestic students**. This is perhaps most evident at the three programs mentioned above, all of whom have successfully extended their outreach to include all domestic students, but it is evident as well in programs such as the one at the University of Nebraska that has had great success in producing female doctorates and now is finding success in increasing its production of domestic minority doctorates.

A second lesson learned is that these programs are not likely to be transformative in the long term without an appropriate structure that will foster and coordinate these efforts as well as develop policy that will guide future efforts in this area. The National Alliance is an attempt to accomplish these objectives in the area of minority doctoral education. As much as it has succeeded, however, **the National Alliance is temporary in nature, having no professional home and being supported by fixed-term funding**. Thus the National Alliance cannot play this structural role, even if its scope were to be increased to include all American students. On the other hand, we may be guided by the solution found to this problem in physics⁹: the establishment of an office in the American Physical Society dedicated to education and diversity.

⁶ See <http://mathalliance.org/>. See, in particular, http://mathalliance.org/?page_id=2070 for the history of the Alliance

⁷ See http://mathalliance.org/?page_id=3943 for a listing of Alliance GPGs.

⁸ See attached document, "2013 Data Document," for recent data for the Alliance

⁹ See footnote 1.

Our idea is that Alliance structures and programs can form the nucleus for a similar office in the AMS. This would serve both to institutionalize this highly successful project and to extend Alliance programs to a broader group of domestic students. The office being proposed here would not have the scope of the APS Office of Education and Diversity. In particular, its scope will need to be appropriate to the mission of the AMS. It is for that reason that we limit ourselves to the following objectives.

Objectives:

While the quality of K-16 mathematics education is the subject of great national attention and impacts the number of domestic students who are prepared to enter doctoral programs in mathematics, we recommend that the initial focus of the proposed office should be to increase the percentage of students entering doctoral programs in mathematics **who have the potential to successfully complete a doctoral degree in mathematics but who are not likely to do so without programs and activities of the sort presently offered by the National Alliance and similar programs**¹⁰. Such students may have attended undergraduate programs that have not adequately prepared them for graduate school or may be students from backgrounds that have afforded them little contact with our profession. Many of these students will be from minority backgrounds or will be women. The goal, then, is to build infrastructure, both by extending to these students the programs and strategies that have worked well for minority students and by developing new programs where necessary.¹¹

Specifically, the objectives are to:

- 1. Increase the percentage of excellent domestic undergraduate and Master's students as described above who enter doctoral programs in mathematics.**
- 2. Improve retention and time to degree for such students.**
- 3. Foster regional relationships among mathematics departments and individual faculty in these departments.**¹²
- 4. Coordinate activities with other mathematical sciences professional organizations and with the Mathematical Sciences Institutes.**
- 5. Encourage and assist mathematical sciences faculty in obtaining funding for projects that are consistent with the goals and objectives of the proposed office.**
- 6. Serve as a resource for informing the public and its representatives in Congress of the role that the AMS plays in educating and training the next generation of domestic mathematicians.**

¹⁰ See <http://mtbi.asu.edu/Institute.html>, <http://www.ams.org/notices/201105/rtx110500718p.pdf>, <http://www.edgeforwomen.org/> for three outstanding examples of such programs

¹¹ See <http://www.apsbridgeprogram.org/> for a program that was developed by the APS Office on Education and Diversity

¹² See <http://www.pacificmathalliance.org/> for an example. The establishment of such "regional alliances" has proved challenging. On the other hand, one may envision using AMS regional meetings to foster such regional cooperation in furtherance of the goals of the new office.

7. Foster programs that broaden participation of traditionally underrepresented groups in mathematics.

Administrative Structure (See flow chart below)

We are proposing that a stable and sustaining structure be established within the American Mathematical Society in support of the objectives set out above. There are two successful models that are very similar in structure and suggest an administrative structure for the proposed program. One is that of the National Alliance for Doctoral Studies in the Mathematical Sciences, which is the program the new office would scale up and provide a stable and sustainable future for that which the Alliance began; the other is the Office of Education & Diversity at the American Physics Society.

The Alliance has a Governing Board, a Director, a Co-Director, a Project Director, and a Project Assistant.¹³ The APS Education & Diversity Office has been in existence for several decades and covers all levels of education; hence, it is quite large including a Director, an Associate Director, a Program Coordinator, and a number of Project Managers.¹⁴

If an office were formed with its initial goal being to continue the work of the Alliance, then it could have as personnel:

Director. A Director will be a Ph.D. mathematician with significant research experience. He or she will report within the administrative structure of the AMS Division for (Meetings and) Professional Services. Primary responsibilities will include: overall program leadership; working with AMS leadership and with the other professional organizations in the mathematical sciences to develop policy in the area of graduate education; developing and implementing programs in furtherance of office goals and objectives and obtaining funding to support these programs; communicating office activities and progress with the public and with members of the profession via presentations and published work; and collaborating with the AMS Development office in fund raising.

Associate Director for Community Development and Networking. The Associate Director will be a Ph.D. mathematician with experience in community development as found, for example, among faculty at four year colleges and universities. He or she will have experience in working with students from groups that are underrepresented in mathematics. Primary responsibilities for the Associate Director will include: maintaining and expanding the network of students and faculty developed by the Alliance and similar programs; maintaining and analyzing data; carrying out regular evaluation of office programs; working with faculty partners nationally to identify and obtain external funding for projects in support of office goals and objectives; maintaining and creating content for office webpages and other networking

¹³ See <http://mathalliance.org/wp-content/uploads/2013/06/infrastructure-project-description.pdf>, page 14-15, paragraph e.5)

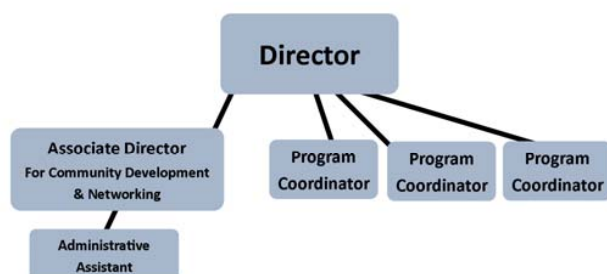
¹⁴ See <http://www.aps.org/about/support/education.cfm>

applications; managing the office budget and preparing budget and grant reports; providing staff supervision, including hiring and training.

Program Coordinators. These are temporary and would be engaged and funded through external grants directed in support of particular programs, organized and implemented by the Office of Education and Diversity.

Administrative Assistant: The Administrative Assistant will provide support for the activities of the Director and Associate Director including: recording and maintaining data; coordinating travel; processing workflow; tracking students served by the office; maintaining liaison with participating individuals.

Advisory Board. An Advisory Board would serve in networking and provide a valuable link to the volunteer community. It could be made up as a joint subcommittee of members from the AMS Committee on Education and from the Committee on the Profession.



Data concerning numbers of Ph.D.s in mathematics from 2009 to 2012.

year	Total Ph.Ds	US	US URM	Iowa URM	NCSU URM	AMLSS URM
2009	1078	544	31	0	3	2
2010	1210	624	40	3	2	2
2011	1226	632	37	2	1	3
2012	1313	692	50	7	1	5

ALLIANCE COMMUNITY

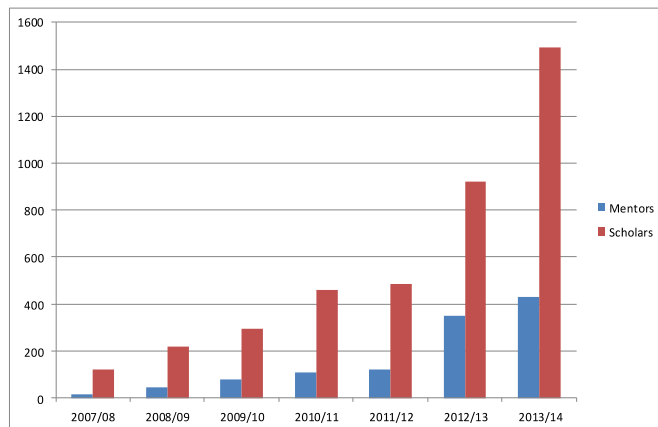
- Pre-Doctoral Mentors
- Pre Doctoral Scholars
- Graduate Program Groups/Doctoral Mentors
- Doctoral Scholars



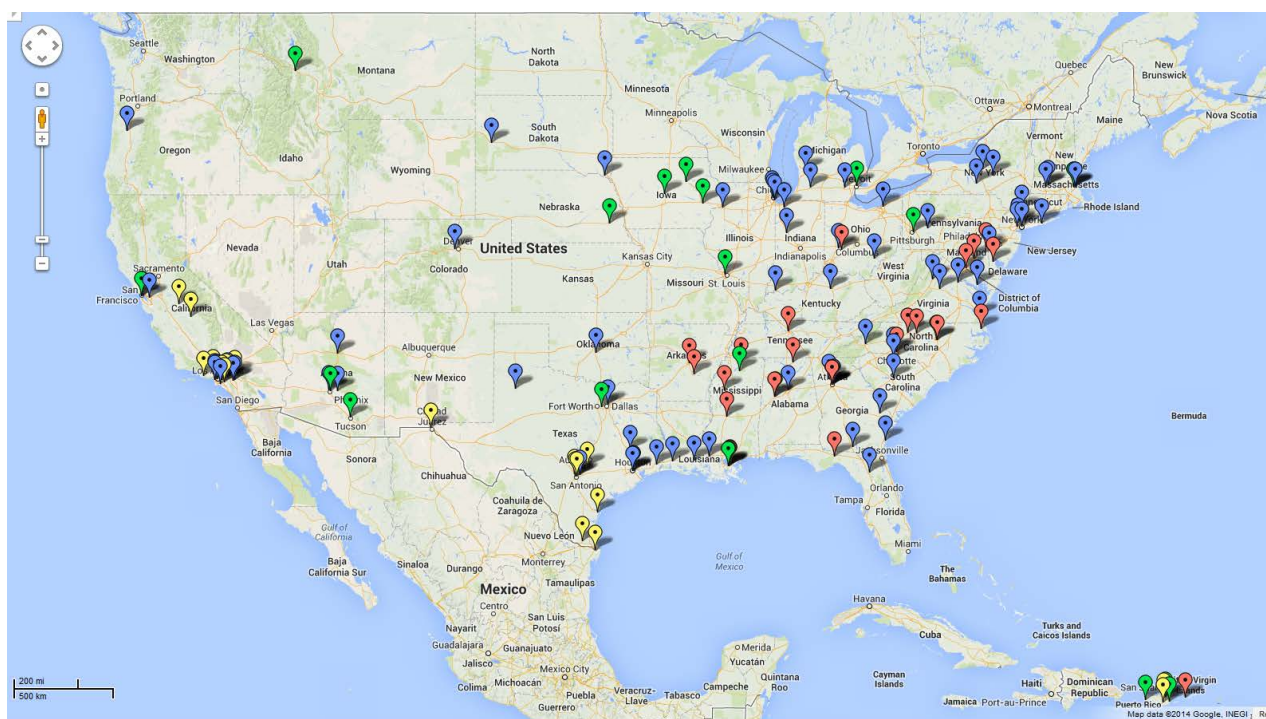
2013/2014 Math Alliance Growth

Between the period of August 2013 and September 2014 the Alliance saw 77 new Alliance Mentors and 572 new Alliance Scholars. This brings our total of Alliance Mentors to 429 and Scholars to 1,492. The chart below shows the growth of the Alliance over the last 7 years.

	Mentors	Scholars
2007/08	17	120
2008/09	45	220
2009/10	78	297
2010/11	110	459
2011/12	120	487
2012/13	352	920
2013/14	429	1492



ALLIANCE MENTORS



LAST UPDATED: 01/29/15 @ 8:15 AM by EHH
LIST OF SELECTED MEETINGS, HOLIDAYS, AND RELIGIOUS OBSERVANCES
FOR USE BY AMS STAFF WHEN SCHEDULING AMS MEETINGS

This file provides a list of dates and sites of various meetings, and 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. It is a helpful reference when you are trying to schedule AMS meetings and want to avoid conflict with other meetings that have already been scheduled. This file is **NOT INTENDED TO BE ALL-INCLUSIVE** and **SHOULD BE USED IN CONJUNCTION WITH** the *Mathematics Calendar* that can be found in the *Meetings & Conferences* section of the AMS web site: <http://www.ams.org/meetings>.

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

DATE	MEETING/HOLIDAY/RELIGIOUS OBSERVANCE	SITE
February 12-16, 2015 (Thu-Mon)	American Association for the Advancement of Science (AAAS) Annual Meeting	San Jose, CA
February 16, 2015 (Mon)	President's Day	<i>AMS DC Office Closed RI & MI Offices Open</i>
March 7-8, 2015 (Sat-Sun)	AMS Sectional Meeting The Einstein Public Lecture in Mathematics will be given by Simon Tavaré on March 7 (Sat) at 5:00 PM	Georgetown University, Washington, D.C.
March 14-15, 2015 (Sat-Sun)	AMS Sectional Meeting	Michigan State University, East Lansing, MI
March 20, 2015 (Fri)	AMS Secretariat Meeting	Providence, RI
March 21, 2015 (Sat)	AMS Committee on Meetings and Conferences (COMC) Meeting	Providence, RI
March 27, 2015 (Fri)	Agenda and Budget Committee (ABC) Meeting	WebEx meeting
March 27-29, 2015 (Fri-Sun)	AMS Sectional Meeting	University of Alabama, Huntsville, AL
April 2-5, 2015 (Thu-Sun)	The Second International Conference on Mathematics and Statistics (AUS-ICMS '15) (in cooperation with AMS)	American University of Sharjah, United Arab Emirates
April 3-11, 2015 (Fri-Sat)	Passover	---
April 3, 2015 (Fri)	Good Friday	---
April 5, 2015 (Sun)	Easter	---
April 14-15, 2015 (Tue-Wed)	AMS Committee on Science Policy (CSP) Meeting	Washington, DC
April 18-19, 2015 (Sat-Sun)	AMS Sectional Meeting	University of Nevada, Las Vegas, Las Vegas, NV
April 25, 2015 (Sat)	AMS Council Meeting	Chicago, IL

April 27, 2015 (Mon)	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
May 1, 2015 (Fri)	Conference Board of the Mathematical Sciences (CBMS) Council Meeting	Washington, DC
May 14, 2015 (Thu)	AMS Committee on Committees Meeting	Ann Arbor, MI
May 15-16, 2015 (Fri-Sat)	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Ann Arbor MI
May 25, 2015 (Mon)	Memorial Day	<i>All AMS Offices Closed</i>
June 10-13, 2015 (Wed-Sat)	AMS-European Mathematical Society (EMS)- Sociedade Portuguesa de Matemática (SPM) International Meeting	University of Porto, Porto, Portugal
July 4, 2015 (Sat)	Independence Day	
July 14-16, 2015 (Tue-Thu)	Council of Engineering and Scientific Society Executives (CESSE) Annual Meeting	Norfolk, VA
August 5-8, 2015 (Wed-Sat)	Mathematical Association of America MathFest (MAA Centennial!)	Washington, DC
August 8-13, 2015 (Sat-Thu)	Joint Statistical Meetings (JSM)	Seattle, WA
August 10, 2015 (Mon)	Victory Day	<i>AMS RI Office Closed DC & MI Offices Open</i>
August 10-14, 2015 (Mon-Fri)	International Congress on Industrial and Applied Mathematics (ICIAM)	Beijing, China
September 7, 2015 (Mon)	Labor Day	<i>All AMS Offices Closed</i>
September 13-15, 2015 (Sun-Tue)	Rosh Hashanah	---
September 18-19, 2015 (Fri-Sat)	AMS Committee on Publications (CPUB) Meeting	Chicago, IL
September 19-20, 2015 (Sat-Sun)	AMS Committee on the Profession (CoProf) Meeting	Chicago, IL
September 22-23, 2015 (Tue-Wed)	Yom Kippur	---
September 27-October 4, 2015 (Sun-Sun)	Sukkot	---
October 3-4, 2015 (Sat-Sun)	AMS Sectional Meeting The Erdős Memorial Lecture will be given by Peter Sarnak (date and time TBA)	Loyola University Chicago, Chicago, IL
October 9, 2015 (Fri)	Agenda and Budget Committee (ABC) Meeting	Providence, RI
October 12, 2015 (Mon)	AMS Mathematical Reviews Editorial Committee (MREC) Meeting	Ann Arbor, MI
October 12, 2015 (Mon)	Columbus Day	<i>AMS RI & DC Offices Closed MI Office Open</i>
October 17-18, 2015 (Sat-Sun)	AMS Sectional Meeting	University of Memphis, Memphis, TN

October 24-25, 2015 (Sat-Sun)	AMS Sectional Meeting	California State University, Fullerton, Fullerton, CA
October 26, 2015 (Mon)	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
October 29-31, 2015 (Thurs-Sat)	AMS Committee on Education (COE) Meeting	Washington, DC
November 11, 2015 (Wed)	Veterans' Day	<i>AMS RI Office Closed DC & MI Offices Open</i>
November 14-15, 2015 (Fri-Sat)	AMS Sectional Meeting	Rutgers University Piscataway, NJ
November 20-21, 2015 (Fri-Sat)	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Providence, RI
November 26, 2015 (Thu)	Thanksgiving Day	<i>All AMS Offices Closed</i>
November 27, 2015 (Fri)	Day after Thanksgiving	<i>AMS RI & DC Offices Closed MI Office Open</i>
December 4, 2015 (Fri)	Conference Board of the Mathematical Sciences (CBMS) Council Meeting	Washington, DC
December 6-14, 2015 (Sun-Mon)	Hanukkah	---
December 25, 2015 (Fri)	Christmas	<i>All AMS Offices Closed</i>
January 1, 2016 (Fri)	New Year's Day	<i>All AMS Offices Closed</i>
January 5, 2016 (Tue)	AMS Council Meeting	Seattle, WA
January 6-9, 2016 (Wed-Sat)	AMS-MAA Joint Annual Mathematics Meetings	Seattle, WA
January 18, 2016 (Mon)	Martin Luther King, Jr. Day	<i>All AMS Offices Closed</i>
February 15, 2016 (Mon)	President's Day	<i>AMS DC Office Closed RI & MI Offices Open</i>
March 5-6, 2016 (Sat-Sun)	AMS Sectional Meeting	University of Georgia, Athens, GA
March 11, 2016 (Fri) TENTATIVE	AMS Secretariat Meeting	Chicago, IL
March 12, 2016 (Sat) TENTATIVE	AMS Committee on Meetings and Conferences (COMC) Meeting	Chicago, IL
March 19-20, 2016 (Sat-Sun)	AMS Sectional Meeting	Stony Brook University, Stony Brook, NY
March 25, 2016 (Fri)	Good Friday	---
March 27, 2016 (Sun)	Easter	---
April 2, 2016 (Sat)	AMS Council Meeting	Chicago, IL
April 8, 2016 (Fri) TENTATIVE	Agenda and Budget Committee (ABC) Meeting	WebEx meeting
April 9-10, 2016 (Sat-Sun)	AMS Sectional Meeting	University of Utah Salt Lake City, UT

April 16-17, 2016 (Sat-Sun)	AMS Sectional Meeting	North Dakota State University Fargo, ND
April 22-30, 2016 (Fri-Sat)	Passover	---
April 25, 2016 (Mon)	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
May 6, 2016 (Fri)	Conference Board of the Mathematical Sciences (CBMS) Council Meeting	Washington, DC
May 19, 2016 (Thu) TENTATIVE	AMS Committee on Committees Meeting	Providence, RI
May 20-21, 2016 (Fri-Sat) TENTATIVE	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Providence, RI
May 30, 2016 (Mon)	Memorial Day	<i>All AMS Offices Closed</i>
July 4, 2016 (Mon)	Independence Day	<i>All AMS Offices Closed</i>
July 11-15, 2016 (Mon-Fri)	SIAM Annual Meeting	Boston, MA
July 30-August 4, 2016 (Sat-Thu)	Joint Statistical Meetings (JSM)	Chicago, IL
August 3-6, 2016 (Wed-Sat)	Mathematical Association of America (MAA) MathFest	Columbus, OH
August 8, 2016 (Mon)	Victory Day	<i>AMS RI Office Closed DC & MI Offices Open</i>
September 5, 2016 (Mon)	Labor Day	<i>All AMS Offices Closed</i>
September 24-25, 2016 (Sat-Sun)	AMS Sectional Meeting	Bowdoin College, Brunswick, ME
October 2-4, 2016 (Sun-Tue)	Rosh Hashanah	---
October 7, 2016 (Fri) TENTATIVE	Agenda and Budget Committee (ABC) Meeting	Providence, RI
October 8-9, 2016 (Sat-Sun)	AMS Sectional Meeting	University of Denver, Denver, CO
October 10, 2016 (Mon)	Columbus Day	<i>AMS RI & DC Offices Closed MI Office Open</i>
October 11-12, 2016 (Tue-Wed)	Yom Kippur	---
October 16-23, 2016 (Sun-Sun)	Sukkot	---
October 31, 2016 (Mon)	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
November 11, 2016 (Fri)	Veterans' Day	<i>AMS RI Office Closed DC & MI Offices Open</i>
November 18-19, 2016 (Fri-Sat) TENTATIVE	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Providence, RI
November 24, 2016 (Thu)	Thanksgiving Day	<i>All AMS Offices Closed</i>

November 25, 2016 (Fri)	Day after Thanksgiving	<i>AMS RI & DC Offices Closed MI Office Open</i>
December 2, 2016 (Fri)	Conference Board of the Mathematical Sciences (CBMS) Council Meeting	Washington, DC
December 24, 2016 – January 1, 2017 (Sat-Sun)	Hanukkah	---
December 25, 2016 (Sun)	Christmas Day	---
December 26, 2016 (Mon)	Christmas Day Observed	<i>All AMS Offices Closed</i>
January 1, 2017 (Sun)	New Year's Day	---
January 2, 2017 (Mon)	New Year's Day Observed	<i>All AMS Offices Closed</i>
January 3, 2017 (Tue)	AMS Council Meeting	Atlanta, GA
January 4-7, 2017 (Wed-Sat)	AMS-MAA Joint Annual Mathematics Meetings	Atlanta, GA
January 16, 2017 (Mon)	Martin Luther King, Jr. Day	<i>All AMS Offices Closed</i>
February 20, 2017 (Mon)	President's Day	<i>AMS DC Office Closed RI & MI Offices Open</i>
March 10-12, 2017 (Fri-Sun)	AMS Sectional Meeting	College of Charleston, Charleston, SC
April 1-2, 2017 (Sat-Sun)	AMS Sectional Meeting	Indiana University, Bloomington, IN
April 7, 2017 (Fri) TENTATIVE	Agenda and Budget Committee (ABC) Meeting	WebEx meeting
April 10-18, 2017 (Mon-Tue)	Passover	---
April 14, 2017 (Fri)	Good Friday	---
April 16, 2017 (Sun)	Easter	---
April 22-23, 2017 (Sat-Sun)	AMS Sectional Meeting	Washington State University, Pullman, WA
April 24, 2017 (Mon)	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
April 29, 2017 (Sat)	AMS Council Meeting	Chicago, IL
May 5, 2017 (Fri)	Conference Board of the Mathematical Sciences (CBMS) Council Meeting	Washington, DC
May 18, 2017 (Thu) TENTATIVE	AMS Committee on Committees Meeting	Ann Arbor, MI
May 19-20, 2017 (Fri-Sat) TENTATIVE	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Ann Arbor, MI
May 29, 2017 (Mon)	Memorial Day	<i>All AMS Offices Closed</i>
July 4, 2017 (Tue)	Independence Day	<i>All AMS Offices Closed</i>

July 23-28, 2017 (Sun-Fri)	Mathematical Congress of the Americas (MCA)	Montreal, Canada
July 26-29, 2017 (Wed-Sat)	Mathematical Association of America (MAA) MathFest	Chicago, IL
July 29-August 3, 2017 (Sat-Thu)	Joint Statistical Meetings (JSM)	Baltimore, MD
August 14, 2017 (Mon)	Victory Day	<i>AMS RI Office Closed DC & MI Offices Open</i>
September 4, 2017 (Mon)	Labor Day	<i>All AMS Offices Closed</i>
September 20-22, 2017 (Wed-Fri)	Rosh Hashanah	---
September 29-30, 2017 (Fri-Sat)	Yom Kippur	---
October 4-11, 2017 (Wed-Wed)	Sukkot	---
October 6, 2017 (Fri) TENTATIVE	Agenda and Budget Committee (ABC) Meeting	Providence, RI
October 9, 2017 (Mon)	Columbus Day	<i>AMS RI & DC Offices Closed MI Office Open</i>
October 30, 2017 (Mon)	Joint Policy Board for Mathematics (JPBM) Meeting	Washington, DC
November 11, 2017 (Sat)	Veterans' Day	---
November 17-18, 2017 (Fri-Sat) TENTATIVE	AMS Executive Committee and Board of Trustees (ECBT) Meeting	Providence, RI
November 23, 2017 (Thu)	Thanksgiving Day	<i>All AMS Offices Closed</i>
November 24, 2017 (Fri)	Day after Thanksgiving	<i>AMS RI & DC Offices Closed MI Office Open</i>
December 1, 2017 (Fri)	Conference Board of the Mathematical Sciences (CBMS) Council Meeting	Washington, DC
December 12-20, 2017 (Tue-Wed)	Hanukkah	---
December 25, 2017 (Mon)	Christmas Day	<i>All AMS Offices Closed</i>
January 1, 2018 (Mon)	New Year's Day	<i>All AMS Offices Closed</i>
January 9, 2018 (Tue)	AMS Council Meeting	San Diego, CA
January 10-13, 2018 (Wed-Sat)	AMS-MAA Joint Annual Mathematics Meetings	San Diego, CA
January 15, 2018 (Mon)	Martin Luther King, Jr. Day	<i>All AMS Offices Closed</i>
February 19, 2018 (Mon)	President's Day	<i>AMS DC Office Closed RI & MI Offices Open</i>
March 30, 2018 (Fri)	Good Friday	---

April 1, 2018 (Sun)	Easter	---
May 28, 2018 (Mon)	Memorial Day	All AMS Offices Closed
July 4, 2018 (Wed)	Independence Day	All AMS Offices Closed
July 28-August 2, 2018 (Sat-Thu)	Joint Statistical Meetings (JSM)	Vancouver, BC, Canada
August 1-4, 2018 (Wed-Sat)	Mathematical Association of America (MAA) MathFest	Denver, CO
August 7-15, 2018 (Tues-Thurs)	International Congress of Mathematicians (ICM 2018)	Rio de Janeiro, Brazil
August 13, 2018 (Mon)	Victory Day	AMS RI Office Closed DC & MI Offices Open
September 3, 2018 (Mon)	Labor Day	All AMS Offices Closed
October 8, 2018 (Mon)	Columbus Day	AMS RI & DC Offices Closed MI Office Open
November 11, 2018 (Sun)	Veterans' Day	---
November 12, 2018 (Mon)	Veterans' Day observed	AMS RI Office Closed DC & MI Offices Open
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 25, 2018 (Tue)	Christmas Day	All AMS Offices Closed
January 15, 2019 (Tue)	AMS Council Meeting	Baltimore, MD
January 16-19, 2019 (Wed-Sat)	AMS-MAA Joint Annual Mathematics Meetings	Baltimore, MD
July 27-August 1, 2019 (Sat-Thu)	Joint Statistical Meetings (JSM)	Denver, CO
July 31-August 3, 2019 (Wed-Sat)	Mathematical Association of America (MAA) MathFest	Cincinnati, OH
August 1-6, 2020 (Sat-Thu)	Joint Statistical Meetings (JSM)	Philadelphia, PA
January 5, 2021 (Tue)	AMS Council Meeting	Washington, DC

January 6-9, 2021 (Wed-Sat)	AMS-MAA Joint Annual Mathematics Meetings	Washington, DC

REPORT

**American Mathematical
Society
2014 Election
11/10/2014**

Survey & Ballot Systems
7653 Anagram Drive
Eden Prairie, MN 55344-7311
800-974-8099
surveyandballotsystems.com





November 10, 2014

Carla Savage
AMS Secretary
890 Oval Drive
Engineering Bldg. II 3320
Raleigh, NC 27606

Dear Professor Savage:

As the election contractor for the American Mathematical Society (AMS), we are pleased to provide you with the official tabulation for the 2014 Election from ballots qualified in accordance with the election specifications, as approved by the AMS.

The following reports are tabulated from ballots received on or before November 7, 2014. These certified results account for 3,564 ballots cast from 26,666 eligible members, yielding a participation rate of 13.37%.

Also provided are supporting reports, including a Write-In, a Voters by Member Type, a DirectVote® Rating and a DirectVote® Comments Report.

We greatly appreciate the opportunity to serve the AMS with election services and wish you great success in the coming year. If you have any questions regarding the enclosed information, please do not hesitate to call me at (800) 974-8099, Ext. 332.

Sincerely,

A handwritten signature in black ink that reads 'Darlene Miller' in a cursive script.

Darlene Miller
Quality Assurance Analyst

Enclosure(s)

TABLE OF CONTENTS



**AMERICAN MATHEMATICAL SOCIETY
2014 ELECTION**

Summary:	Page 1
Results:	Page 2
Write-In:	Page 6
Voters by Member Type:	Page 9
DirectVote® Rating:	Page 10
DirectVote® Comments:	Page 11



AMERICAN MATHEMATICAL SOCIETY 2014 ELECTION

Eligible Voters:	26,666
Paper Ballots:	173
Web Ballots:	3,391
Duplicate Web/Paper Ballots:	0
Final Web Ballots:	3,391
Total Returns:	3,564
Percent Returned:	13.37%

Certified by Survey & Ballot Systems

11/10/2014

Darlene Miller

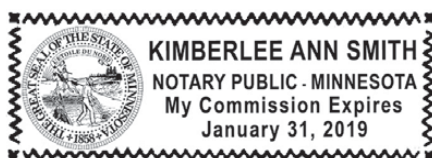
Date

Quality Assurance Analyst

11/10/2014

Date

Notary Public





**AMERICAN MATHEMATICAL SOCIETY
 2014 ELECTION**

Vice President (3 Years)

Vote for: 1	Votes	Percent	
Carlos E. Kenig	1,656	50.8%	DECISION
Robert Calderbank	1,600	49.1%	
Write-in (other than above)	5	0.2%	

Total Valid Ballots:	3,261
Total Unexercised:	303
Total Invalid:	0
Total Ballots Cast:	3,564

Board of Trustees (5 Years)

Vote for: 1	Votes	Percent	
Joseph H. Silverman	1,984	61.9%	DECISION
Daniel M. Burns, Jr.	1,215	37.9%	
Write-in (other than above)	8	0.2%	

Total Valid Ballots:	3,207
Total Unexercised:	357
Total Invalid:	0
Total Ballots Cast:	3,564



**AMERICAN MATHEMATICAL SOCIETY
 2014 ELECTION**

Member at Large of the Council (3 Years)

Vote for: 5	Votes	Percent	
Mary Pugh	1,877	55.6%	DECISION
Edward Frenkel	1,718	50.9%	DECISION
Pamela Gorkin	1,592	47.1%	DECISION
Wen-Ching Winnie Li	1,523	45.1%	DECISION
Matthew Baker	1,397	41.4%	DECISION
Ezra Miller	1,221	36.2%	
Jared Wunsch	1,157	34.3%	
Solomon Friedberg	1,120	33.2%	
Michael Anthony Hill	980	29.0%	
Yuliy Baryshnikov	857	25.4%	
Write-in (other than above)	16	0.5%	
Write-in (other than above)	5	0.1%	
Write-in (other than above)	3	0.1%	
Write-in (other than above)	1	0.0%	
Write-in (other than above)	1	0.0%	

Total Valid Ballots:	3,377
Total Unexercised:	187
Total Invalid:	0
Total Ballots Cast:	3,564



AMERICAN MATHEMATICAL SOCIETY 2014 ELECTION

Nominating Committee (3 Years) (3 to be elected)

Vote for: 6	Votes	Percent	
Christine Guenther	1,737	55.4%	DECISION
Kavita Ramanan	1,680	53.5%	DECISION
Douglas N. Arnold	1,668	53.2%	DECISION
Douglas Lind	1,409	44.9%	
Phil Kutzko	1,292	41.2%	
James W. Cogdell	1,216	38.8%	
	Total Valid Ballots:	3,138	
	Total Unexercised:	426	
	Total Invalid:	0	
	Total Ballots Cast:	3,564	



AMERICAN MATHEMATICAL SOCIETY 2014 ELECTION

Editorial Boards Committee (3 Years) (2 to be elected)

Vote for: 4	Votes	Percent	
Danny Calegari	1,888	62.2%	DECISION
Hee Oh	1,665	54.9%	DECISION
Richard Hain	1,597	52.7%	
Todd Arbogast	1,215	40.1%	
	Total Valid Ballots:	3,033	
	Total Unexercised:	531	
	Total Invalid:	0	
	Total Ballots Cast:	3,564	



AMERICAN MATHEMATICAL SOCIETY 2014 ELECTION

Vice President (3 Years)

Bogdan Vernescu	1
Gustavo Ponce	1
No preference	1
Ragni Piene	1

Note: A member may have checked write-in and left text field empty.



AMERICAN MATHEMATICAL SOCIETY 2014 ELECTION

Board of Trustees (5 Years)

	1
GLENN WEBB	1
Minnie Mouse	1
Misha Guysinsky	1
Peter Shor	1
Robert L. Pego	1
Slawomir Solecki	1

Note: A member may have checked write-in and left text field empty.



AMERICAN MATHEMATICAL SOCIETY 2014 ELECTION

Member at Large of the Council (3 Years)

Burt Totaro	1
Chris Freiling	1
Clifford Bergman	1
Gangram Ladde	1
George McNulty	1
GISELE GOLDSTEIN	1
Ingrid Bauer	1
Ingrid Daubechies	1
James Coykendall	1
jerry goldstein	1
Krzysztof Ciesielski	1
Lee Rudolph	1
Matthew Ando	1
Michael Lacey	1
Misha Guysinsky	1
Niels Epstein	1
Pamela Pierce	1
peter gyarmati	1

Note: A member may have checked write-in and left text field empty.



AMERICAN MATHEMATICAL SOCIETY 2014 ELECTION

Member at Large of the Council (3 Years)

Ralph Freese	1
RALPH MCKENZIE	1
Robert Calderbank	1
Robert Guralnick	1
Sheldon Katz	1
Slawomir Solecki	1
Steve Bleiler	1
Yang Wang	1

Note: A member may have checked write-in and left text field empty.