MINUTES

TABLE OF CONTENTS –PAGE 1 OF 3

0	CALL TO ORDER AND ANNOUNCEMENTSPAG	E
0.1	Opening of the Meeting and Introductions	
0.2	2011 AMS Election Results	
0.3	Housekeeping Matters	
1	EXECUTIVE COMMITTEE	
	ACTION/DISCUSSION ITEMSPAG	E
1.1	Draft Agenda for the January 2012 Council Meeting	
1I	EXECUTIVE COMMITTEE	
	INFORMATION ITEMSPAG	E
1I.1	Secretariat Business by Mail. Att. #2	
2	EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES	
	ACTION/DISCUSSION ITEMSPAG	E
2.1	Report on Mathematical Reviews Editorial Committee (MREC). Att. #3	
2.2	Report on Committee on Publications (CPub). Att. #4	
2.3	Report on Committee on the Profession (CoProf). Att. #5	
2.4	Report on Committee on Education (COE). Att. #23	
2.5	Report on Committee on Meetings and Conferences (COMC)4	
2.6	Report on Committee on Science Policy (CSP)4	
2.7	Washington Office Report. Att. #64	
2.8	Report from the President4	
2.9	Report on Long Range Planning Committee (LRPC)5	
2.10	Report on Mathematical Congress of the Americas (MCA 2013)5	
2.11	2013 Individual Member Dues. Att. #7	
2.12	Revised 2012 Journal Pages6	
2.13	National Data Access Fee. Att. #97	
2.14	Proposal for Student Chapters. Att. #247	
2.15	Report on Program Plan for the AMS Journals Program. Att. #18	
2.16	2012 Operating Plan and Program Plans	
2.17	Motions of the Secretary	

MINUTES

TABLE OF CONTENTS – PAGE 2 OF 3

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

2C.1 Funding Project NExT Fellows for 2013......10 2C.2

2I EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES

INFORMATION ITEMS......PAGE

2I.1	Congressional Fellow	0
2I.2	AAAS-AMS Mass Media Fellowship	10
2I.3	Public Policy Award	11
2I.4	Changes in Registration Fees for Conferences, Employment Center or	
	Short Course	11
2I.5	Steps Toward Treating the AMS Website as an AMS Publication. Att. #22	11

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

3.1	Budget Review	.11
3.1.1	Discussion of Fiscal Reports	.12
3.1.2	Capital Expenditures – 2011 and 2012 Capital Purchase Plans	.12
3.1.3	Capital Expenditures - Approval of Specific Purchases	.12
3.2	Spendable Income, Operations Support Fund and other Related Items. Att. #10	.12
3.2.1	Addition to Operations Support Fund (OSF)	.12
3.2.2	Rebalancing of Economic Stabilization and Operational Support Funds	.13
3.2.3	Allocation of Operations Support Fund (OSF) Spendable Income	.13
3.2.4	Appropriation of Spendable Income from Unrestricted Endowment. Att. #21	.13
3.2.5	Report on Changes in Appropriated Spendable Income	.14
3.3	Investment Committee Report	.14
3.4	Audit Committee. Att. #11	.14
3.5	Report on the Epicor Project	.15
3.6	Report on the Personify Project. Att. #12	.15
3.7	Trustees' Officers	.15
3.8	Trustees' Committees, etc. Att. #13	.15

MINUTES

TABLE OF CONTENTS – PAGE 3 OF 3

3 C	BOARD OF TRUSTEES	
	CONSENT ITEMS	PAGE
3C.1	May 2011 BT Closed Executive Session Meeting	
3C.2	Request for Support of Speakers at 2013 AAAS Annual Meeting	
3C.3	Charge for Retirement Plan Investment Committee. Att. #14	
3C.4	Resolution for Retirees	
3C.5	Recognition for Length of Service	17
31	BOARD OF TRUSTEES	
	INFORMATION ITEMS	PAGE
3I.1	Small Changes in Eringe Denefits	10
3I.1 3I.2	Small Changes in Fringe Benefits Retirement Plan Amendment. Att. #15	
3I.2 3I.3	Tax-Deferred Annuity Plan Amendment. Att. #15	
51.5	Tax-Deletted Annuty Flan Amendment. Att. #10	19
ATTA	ACHMENTS	ITEM
2	Secretariat Business by Mail	
3	Report on Mathematical Reviews Editorial Committee (MREC)	
4	Report on Committee on Publications (CPub)	
5	Report on Committee on the Profession (CoProf)	
6	Washington Office Report	
7	2013 Individual Member Dues	
9	National Data Access Fee	
10	Spendable Income, Operations Support Fund, and Other Related Items	
11	Audit Committee	
12	Report on Personify Project	
13	Trustees' Committees	
14	Charge for Retirement Plan Investment Committee	
15	Retirement Plan Amendment	
16	Tax-deferred Annuity Plan Amendment	
18	Report on Program Plan for the AMS Journals Program	
21	Appropriation of Spendable Income from the Unrestricted Endowment	
22	Steps Toward Treating the AMS Website as an AMS Publication	
23	Report on Committee on Education (COE)	
24	Proposal for Student Chapters	2.14

MINUTES

A joint meeting of the Executive Committee of the Council (EC) and the Board of Trustees (BT) was held Friday-Saturday, November 18-19, 2011, at the AMS Headquarters in Providence, Rhode Island.

All members of the EC were present: George E. Andrews, Ralph L. Cohen, Robert J. Daverman, Eric M. Friedlander, Craig L. Huneke, Bryna Kra, and Joseph H. Silverman.

All members of the BT were present: John M. Franks, Eric M. Friedlander, Mark L. Green, Jane M. Hawkins, William H. Jaco, Ronald J. Stern, Karen Vogtmann, and Carol S. Wood.

Zbigniew H. Nitecki (Associate Treasurer Elect) was also present.

Also present were the following AMS staff members: Thomas J. Blythe (Chief Information Officer), Graeme Fairweather (Executive Editor, Mathematical Reviews), Sergei Gelfand (Publisher), Ellen H. Heiser (Assistant to the Executive Director [and recording secretary]), Elizabeth A. Huber (Associate Executive Director, Publishing), Robin Marek (Development Director), Ellen J. Maycock (Associate Executive Director, Meetings and Professional Services), Donald E. McClure (Executive Director), Emily D. Riley (Chief Financial Officer), and Samuel M. Rankin (Associate Executive Director, Washington Office).

President Eric Friedlander presided over the EC and ECBT portions of the meeting (items beginning with 0, 1, or 2). Board Chair Karen Vogtmann presided over the BT portion of the meeting (items beginning with 3).

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

0 CALL TO ORDER AND ANNOUNCEMENTS

0.1 **Opening of the Meeting and Introductions.**

President Friedlander called the meeting to order and asked those present to introduce themselves.

0.2 <u>2011 AMS Election Results</u>.

Secretary Daverman announced the following election results:

President

David Vogan, Massachusetts Institute of Technology Term is one year as President Elect (1 February 2012 - 31 January 2013), two years as President (1 February 2013 - 31 January 2015), and one year as Immediate Past President (1 February 2015 - 31 January 2016)

Vice President

Andrew M. Odlyzko, University of Minnesota Term is three years (1 February 2012 - 31 January 2015)

Trustee

Ruth Charney, Brandeis University Term is five years (1 February 2012 - 31 January 2017)

Members at Large of the Council

Dan Abramovich, Brown University Hélène Barcelo, Arizona State University Arthur T. Benjamin, Harvey Mudd College James Carlson, Clay Mathematics Institute Victoria Powers, Emory University Terms are three years (1 February 2012 - 31 January 2015)

Nominating Committee

Frederick R. Cohen, University of Rochester **Susan Friedlander**, University of Southern California **Fan Chung Graham**, University of California, San Diego Terms are three years (1 January 2012 - 31 December 2014)

Editorial Boards Committee

Ralph Greenberg, University of Washington **Dana Randall**, Georgia Institute of Technology Terms are three years (1 February 2012 - 31 January 2015)

Proposal for a Fellows Program of the AMS

The proposal was approved.

0.3 <u>Housekeeping Matters</u>.

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

1 EXECUTIVE COMMITTEE ACTION/DISCUSSION ITEMS

1.1 Draft Agenda for the January 2012 Council Meeting.

The EC reviewed the draft agenda for the January 2012 Council meeting and approved it.

It was also decided that the discussion topic for the April 21, 2012 Council meeting will be what additional steps the AMS might take to promote diversity.

1I EXECUTIVE COMMITTEE INFORMATION ITEMS

1I.1 <u>Secretariat Business by Mail</u>. Att. #2.

Minutes of Secretariat business by mail during the months June – November 2011 are attached ($\frac{#2}{)}$).

2 EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES ACTION/DISCUSSION ITEMS

2.1 <u>Report on Mathematical Reviews Editorial Committee (MREC)</u>. Att. #3.

The ECBT received the attached report (#3) on the October 17, 2011, MREC meeting.

2.2 <u>Report on Committee on Publications (CPub)</u>. Att. #4.

The ECBT received the attached report (#4) on the September 23-24, 2011 CPub meeting.

2.3 <u>Report on Committee on the Profession (CoProf)</u>. Att. #5.

The ECBT received the attached report (#5) on the September 24-25, 2011 CoProf meeting.

2.4 <u>Report on Committee on Education (COE)</u>. Att. #23.

The ECBT received the attached report (#23) on the October 27-29, 2011 COE meeting.

2.5 <u>Report on Committee on Meetings and Conferences (COMC)</u>.

The ECBT was informed that the last COMC meeting was held on March 26, 2011 at the Hilton Chicago O'Hare Airport. A report of that meeting was given at the May 2011 ECBT meeting. The Chair of COMC for February 1, 2011 – January 31, 2012 is David Farmer of the American Institute of Mathematics. The next COMC meeting will be held on Saturday, March 24, 2012 at the AMS Headquarters in Providence.

2.6 <u>Report on Committee on Science Policy (CSP)</u>.

The ECBT was informed that a report on the March 4-5, 2011 CSP meeting was provided to the May 2011 ECBT. The next CSP meeting will be held March 16-17, 2012 in Washington, DC. CSP has invited Dr. Subra Suresh, Director of the National Science Foundation, to speak at the CSP session at the Joint Mathematics Meetings, in Boston, MA on January 6, 2012. Dr. Suresh has accepted the invitation.

2.7 <u>Washington Office Report</u>. Att. #6.

The ECBT received the attached report ($\frac{\#6}{}$) on the activities of the Washington Office.

2.8 <u>Report from the President</u>.

President Friedlander briefly mentioned the following activities:

- A proposal to change the name of the NSF's Division of Mathematical Sciences to the Division of Mathematical and Statistical Sciences is being discussed by the mathematics community. There will be a forum on this topic on January 6, 2012 at 4:30 PM at the Joint Mathematics Meetings in Boston.
- The Fellows Program has been approved by the membership, so that will now be implemented.
- A Graduate Working Group has been appointed and is working on a proposal for a program of AMS student chapters (see item 2.14 of these minutes).
- The Secretary Search Committee will present its recommendation for a successor to Secretary Daverman, whose term expires on January 31, 2013, later in this meeting. It is anticipated that the recommendation will be forwarded to the January 2012 Council for final approval.
- The Committee on the Profession is recommending to the January 2012 Council that the AMS consider forming a committee on the status of women in the mathematical sciences.
- The Committee on Publications has endorsed the formation of a Web Editorial Group that can give attention to the scientific and mathematical content of the AMS website.
- Discussions are underway regarding the possibility of sending a survey to AMS members.
- The President has urged the policy committees to become more active, especially the Committee on Education.

2.9 <u>Report on Long Range Planning Committee (LRPC)</u>.

It was reported that the LPRC met on November 18, 2011 and discussed setting priorities for potential new programs such as the following. Some of these programs were discussed as separate items at this ECBT meeting.

- Student Chapters (see item 2.14 of these minutes)
- Fellows Program (see item 2.8 of these minutes)
- Math-BIG internship proposal (see item 2E.4 of the executive session minutes)
- Special Activity Groups proposal
- Suggestion for a survey of members (see item 2.8 of these minutes)

2.10 <u>Report on Mathematical Congress of the Americas (MCA 2013)</u>.

The ECBT was informed that the first Mathematical Congress of the Americas (MCA 2013) will take place in Guanajuato, Mexico, August 5-9, 2013. The goal of the Congress is to highlight the excellence of mathematical achievements in the Americas within the context of the international arena, and foster collaborations among researchers, students, institutions and mathematical societies in the Americas.

Susan Friedlander represents the AMS on the MCA Steering Committee. Other organizations represented on the Steering Committee are the Canadian Mathematical Society, SIAM, the Mexican Mathematical Society, the Brazilian Mathematical Society and Unión Matemática de América Latina y el Caribe (UMALCA).

The Society is supporting MCA 2013 in a number of ways:

- The Society will support three plenary speakers. This is the customary level of support provided for a joint international meeting.
- The Society will provide the infrastructure and support for the submission of abstracts.
- The Society will submit a proposal to the National Science Foundation for travel grants for invited participants and other U.S. mathematical scientists. The proposed support will be patterned after the ICM travel grants funded by NSF (see item 2E.3 of the executive session minutes of this meeting for further details).
- The Society is helping to advertise and promote MCA 2013.

2.11 <u>2013 Individual Member Dues</u>. Att. #7.

The ECBT reviewed Att. #7, which presents the principles and procedures for setting individual member dues and information used by staff in formulating the recommendation that the 2013 dues rate for individual members be increased \$4 above the 2012 level.

The ECBT concurred with the staff and voted to recommend to the January 2012 Council that 2013 regular high dues be increased by \$4 (from \$172 to \$176).

2.12 <u>Revised 2012 Journal Pages</u>.

The ECBT approved the following numbers of pages for 2012 journal subscriptions. It is noted that there were changes in the numbers of pages for *Abstracts of Papers Presented to the AMS, Current Mathematical Publications, Mathematical Reviews, St. Petersburg Mathematical Journal, Theory of Probability and Mathematical Statistics, and Transactions of the Moscow Mathematical Society since this list was approved by the May 2011 ECBT.*

	2012 pages
Abstracts of Papers Presented to the AMS*	1000*
Bulletin of the AMS	768
Conformal Geometry and Dynamics	350
Current Mathematical Publications*	4,941*
Journal of the AMS	1,200
Mathematical Reviews*	
Issue pages	14,320*
Annual index pages	9,105*
Total MR pages	23,425*
MR Products Paper	
MR Sections	
Data Access Fee	
MathSciNet	
Mathematics of Computation	2,400
Memoirs of the AMS	3,200
Notices of the AMS	1,550
Proceedings of the AMS	4,200
Representation Theory	750
St. Petersburg Mathematical Journal*	1,000*
Sugaku Expositions	240
Theory of Probability and Mathematical Statistics*	375*
Transactions of the AMS	6,600
Transactions of the Moscow Mathematical Society*	300*

*the numbers of pages for these journals are not completely within the staff's control, so they are currently the staff's best estimates and were included in the version of the 2012 budget presented at this meeting.

2.13 <u>National Data Access Fee</u>. Att. #9.

In 1995, the AMS leadership approved a program for providing very low cost access to *Mathematical Reviews* (MR) for institutions in low-income countries. The primary goals of this program were:

- To expand access to *Mathematical Reviews* for mathematicians located in the most underdeveloped parts of the world
- To set subscription fees that were likely to be accessible for many institutions within the country
- To establish a system for eligibility whose potential negative impact on the AMS' MR revenue was acceptable.

This program, the National MR Subscription Program (NMRSP), has been successful in meeting those goals. In 1998, there were 21 participating countries. In 2011, there are over 106 sites in 40 countries subscribing to MR products under the NMRSP.

In 2005, the AMS leadership approved a new pricing model for the NMRSP which was much simpler and easier to update and maintain, while still preserving the revenue received from the program. The pricing model was revised slightly in 2008 in order to update the economic qualifiers for participation in the NMRSP to be more in line with World Bank economic classifications without significant loss of revenue or undermining the current level of participation in the program.

Since the National Data Access Program is so important to the Mathematical Reviews strategy for maintaining a subscriber base in the underdeveloped world, it will be a key area reviewed by the Mathematical Reviews Program Plan that is being launched this fall. For this reason, the staff has decided to delay the standard triennial review until the MR Program Plan is completed in 2012.

Att. **#9** describes the current NMRSP more fully.

2.14 <u>Proposal for Student Chapters</u>. Att. #24.

In February 2011, President Eric Friedlander appointed the Graduate Working Group (GWG), whose purpose is to search for ways that the AMS can make meaningful contributions to the professional development of graduate students in the mathematical sciences and for ways to encourage graduate students to participate in the Society.

Professor Joseph Silverman, Chair of the GWG, presented a draft proposal for a program of AMS Student chapters to the May 2011 ECBT. The ECBT responded positively and made some suggestions. During the fall of 2011, the draft was discussed by the Committee on the Profession and the Committee on Education.

American Mathematical Society November 2011 ECBT Minutes Page 8

The attached revised proposal was presented to the ECBT (Att. #24). The ECBT suggested that the proposal be discussed with the Association for Women in Mathematics. It was noted that the proposal will be presented to the January 2012 Council for approval on scientific grounds and then presented to the May 2012 BT for approval of the financing.

2.15 <u>Report on Program Plan for the AMS Journals Program</u>. Att. #18.

Program Plans are collaborative efforts involving several departments or divisions. The planning process involves validating the program's mission and objectives and formulating plans for achieving (or continuing to achieve) those objectives over a reasonable number of years.

Work has been completed on the multi-year Program Plan for the AMS Journals Program (Att. #18). The program planning group included:

- Beth Huber, Associate Executive Director, Publishing, Chair
- Tom Blythe, Chief Information Officer
- Segei Gelfand, Publisher
- Mary Letourneau, Director of Production
- Emily Riley, Chief Financial Officer
- Lori Sprague, Manager of Sales Administration

The ECBT received the AMS Journals Program Plan and an oral report summarizing it from Beth Huber.

2.16 <u>2012 Operating Plan and Program Plans</u>.

The ECBT was informed that the following documents had been posted for their perusal:

- 2012 Operating Plan
- Program Plan on Journals (see also the previous item)
- Update on 2010 Facilities Program Plan

[It is noted for the record that after the final Section of the 2012 Operating Plan (Section VI - Report on Projects and Activities) is completed in spring 2013, a complete, official copy of the 2012 Operating Plan will be attached to record copies of the May 2013 ECBT minutes.]

2.17 <u>Motions of the Secretary</u>. DAVERMAN.

The following motions were approved by acclamation:

The Executive Committee and Board of Trustees of the American Mathematical Society record their thanks to **Craig L. Huneke** for his service to the Society as a member of the Executive Committee during the past four years. The ECBT expresses its gratitude to Professor Huneke for his thoughtful participation and hopes that he will continue to be available to serve the Society in other ways. The Executive Committee and Board of Trustees of the American Mathematical Society record their thanks to **Carol S. Wood** for her service to the Society as a member of the Board of Trustees during the past ten years. The ECBT expresses its gratitude to Professor Wood for her wisdom in contributing to the management of the Society and hopes to be able to draw upon her talents again.

The Executive Committee and Board of Trustees of the American Mathematical Society record with thanks their deep appreciation to **John M. Franks** for his twelve years of of devoted service to the Society as Treasurer, and his additional year of beneficial service as Associate Treasurer.

They note that in carrying out the responsibilities of his office, he has contributed much to the development of the Society, to the promotion of its financial security, and to the achievement of its mission. He has actively participated in the meetings of the Council, the Agenda and Budget Committee, and the Board of Trustees during these years. He has also served as Chair of the Investment Committee in which capacity he has played a leading role in wisely managing the Society's investments.

The ECBT offers their special thanks to Professor Franks for his extensive service and their heartfelt good wishes for a happy and productive future.

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

2C EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES CONSENT ITEMS

2C.1 May 2011 ECBT Meeting.

The ECBT approved the minutes of the meeting of the Executive Committee and Board of Trustees held May 20-21, 2011, in Providence, Rhode Island, which had been distributed separately. These minutes include:

- ECBT open minutes prepared by the Secretary of the Society http://www.ams.org/secretary/ecbt-minutes/ecbt-minutes-0511.pdf
- ECBT "open" executive session minutes prepared by the Secretary of the Society

See also item 3C.1 for approval of the May 2011 BT closed executive session minutes.

2C.2 Funding Project NExT Fellows for 2013.

Project NExT (New Experiences in Teaching) is a program of the Mathematical Association of America that provides training for young mathematicians beginning their careers. The AMS first provided funding for six fellows at \$2,500 each in 2002.

AMS's participation in this program is reviewed every two years; it was last reviewed by the November 2010 ECBT and it was agreed to continue (with annual approvals on the ECBT consent agenda) until the next review in November 2012. Approval for the program in year x is usually given in November of year x-2.

The ECBT consented to a commitment of \$15,000 for Project NExT in 2013.

2I EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES INFORMATION ITEMS

2I.1 <u>Congressional Fellow</u>.

The American Mathematical Society (AMS) is sponsoring Richard Yamada as the AMS-AAAS Congressional Fellow for 2011-2012. Richard has accepted a position in the office of Senator John Boozman (R-AR). Boozman is a member of the Committee on Commerce, Science and Transportation and is Ranking Member of its Subcommittee on Science and Space, among other committee assignments.

The AMS plans to sponsor a Congressional Fellow again in 2012-13. The deadline for receipt of applications for that fellowship is February 15, 2012. An announcement and information on the application process is being sent to mathematical sciences department chairs this fall, in addition to being publicized in the *Notices*, on the AMS website, in Headlines & Deadlines and on Facebook.

2I.2 AAAS-AMS Mass Media Fellowship.

The AMS sponsored Melanie DeVries, a Ph.D. student at the University of Nebraska -Lincoln, as the AMS-AAAS Mass Media Fellow this past summer. She worked at KUNC – FM Radio in Greeley, CO. Her work there included reporting on such things as space weather, fluctuations in ice melt, biofuel grasses and mosquitos.

The AMS plans to sponsor a Mass Media Fellow again in 2012. The deadline for receipt of applications for that fellowship is January 15, 2012. An announcement and information on the application process will be sent to graduate students in the mathematical sciences this fall, in addition to being publicized in the *Notices*, on the AMS website in Headlines & Deadlines and on Facebook.

American Mathematical Society November 2011 ECBT Minutes Page 11

2I.3 <u>Public Policy Award</u>.

Nancy Pelosi was chosen to receive the first AMS Public Policy Award in 2009. Her office was contacted and asked if the Speaker would be able to accept the award at the January 2010 Joint Mathematics Meetings held in San Francisco, part of her congressional district. She declined this invitation. As it turned out, this declination was timely in that Helaman Ferguson, the mathematician and sculptor who designed and created the award memento, had a serious accident preventing him from completing the award by our agreed upon date. The sculpture was finally finished in September of last year. Speaker Pelosi's office was again contacted about scheduling a date for a reception and presentation of the award in Washington. Her office did not respond to this inquiry. The uncertainty of when the award would be ready contributed to a delay in contacting Speaker Pelosi's office. This lack of response was probably due to the pending 2010 congressional election, the change in party leadership in the U.S. House of Representatives, and a focus by the Speaker and her staff on pressing policy issues and legislation at the end of 2010. At this point, probably the best way to proceed is to try to schedule a presentation in Minority Leader Pelosi's office.

2I.4 <u>Changes in Registration Fees for Conferences, Employment Center or</u> <u>Short Course</u>.

The Executive Director is authorized to make changes in the above-mentioned registration fees and then inform the ECBT. There have been no changes made since the May 2011 ECBT meeting.

2I.5 <u>Steps Toward Treating the AMS Website as an AMS Publication</u>. Att. #22.

Since May, the Society has taken steps toward treating the website, <u>ams.org</u>, as a publication. The steps include

- Reconstituting the Web Advisory Group to oversee policy matters;
- Defining and filling the position of Web Editor, a managing editor position that provides ongoing professional management and facilitates the creation of new web content; and,
- Receiving endorsement for the appointment of a Web Editorial Group to promote the development and provide editorial judgment of mathematical content.

Att. #22 provides more details of these steps.

3 BOARD OF TRUSTEES ACTION/DISCUSSION ITEMS

3.1 <u>Budget Review</u>.

The BT discussed items 3.1.1 through 3.2.5 and then voted to approve the 2012 budget as presented (subject to the discussion of item 3E.1 [Salary Increments for 2012] in closed executive session).

3.1.1 Discussion of Fiscal Reports.

The BT received and discussed various fiscal reports, as well as a memo discussing major variances between 2011 projections and the 2011 budget, and between 2011 projections and the 2012 budget. See 3.1.

3.1.2 <u>Capital Expenditures – 2011 and 2012 Capital Purchase Plans</u>.

The BT reviewed the 2012 capital purchase plan and approved it as part of the 2012 budget. See item 3.1.

3.1.3 <u>Capital Expenditures - Approval of Specific Purchases</u>.

This agenda item is reserved for requests for authorization to make specific large purchases (items costing \$100,000 or more). There were no such requests at this meeting.

The BT was informed that, at the end of May 2011, the Executive Director approved increasing the amount of the Personify project by \$65,000 to a total of \$1,117,000. The additional funds are being used to pay for consulting services to do work which was going to be done by an employee who resigned and was not replaced.

3.2 <u>Spendable Income, Operations Support Fund and Other Related Items</u>. Att. #10.

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

The description of the way in which the AMS uses its long-term investment portfolio was presented in the Fiscal Reports that were provided to the ECBT separately. A diagram summarizing this description is attached (#10).

3.2.1 Addition to Operations Support Fund (OSF).

The May 2011 BT approved the staff recommendation to add \$2,000,000 to the long-term investment portfolio, to be added to the OSF. This transaction was completed in June 2011.

The amount due operations from the long-term investment portfolio at the end of 2011 is estimated to be approximately \$2,090,000. For the first nine months of the year, the cumulative loss on the long-term portfolio is approximately \$6.9 million. If the current negative trend continues, the Society could face another year when operations would have to transfer funds to the long-term investment portfolio in order to maintain individual endowment funds' allocated values at their original gift amount. Accordingly, it appears to be prudent to use these funds, which are already invested in the long-term investment portfolio, first to cover this obligation should it arise. Otherwise, the funds can remain in the portfolio and be added to the OSF.

The BT approved the Chief Financial Officer's recommendation that the amount due operations from the long-term investment portfolio at 12/31/11 (estimated to be approximately \$2,090,000) be used to fulfill any obligation to maintain the value of true endowment funds at their original gift amount. Further, any remaining operating funds in the long-term investment portfolio should remain there and be officially added to the OSF.

3.2.2 <u>Rebalancing of Economic Stabilization and Operational Support Funds.</u>

Under the policy adopted by the Board of Trustees at its May 2006 meeting, at the end of each fiscal year the allocated values of the Economic Stabilization Fund (ESF) and the Operations Support Fund (OSF) are rebalanced such that the ESF always equals the target balance. The BT reviewed a chart showing the increments and decrements in the OSF and ESF since their separation at 12/31/2000.

It was noted that the amount and direction of the rebalancing required at each year end is principally dependent upon the return on the long-term investment portfolio. If the long-term investment portfolio maintains a negative return through year end, it is likely that the transfer will return to the direction of OSF to ESF in 2011.

3.2.3 <u>Allocation of Operations Support Fund (OSF) Spendable Income</u>. *RILEY*.

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

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

The BT was informed that the income from the OSF for 2011 and 2012, determined according to the guidelines approved by the BT are \$1,645,100 and 1,744,100, respectively. Both the 2011 and 2012 amounts had been previously approved.

3.2.4 Appropriation of Spendable Income from Unrestricted Endowment. Att. #21.

The May 2001 Board of Trustees approved the following:

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

American Mathematical Society November 2011 ECBT Minutes Page 14

The 2012 revenue budget currently includes \$260,300 of spendable income from true endowment funds whose use of income is unrestricted.

The BT approved the appropriations as presented in Att. #21 and agreed that the remaining \$15,300 should be used for the Fellows Program.

3.2.5 <u>Report on Changes in Appropriated Spendable Income</u>.

The Executive Director has the authority to transfer spendable income that will not be used on an approved project to another approved project, in case additional support is needed.

It was reported that there are two changes in appropriated spendable income that will occur in 2011. The Young Scholars Math Camp appropriation of \$60,000 and the AMS Archives appropriation of \$5,000 are being deferred to future years. The coordination and planning of the Young Scholars Camp workshop is progressing and is expected to happen in 2012 or 2013; this appropriation should be kept in place as an inducement to raise matching funds from donors. The appropriation for planning improvements for electronic "finding aids" for users of the American Archives of Mathematics and Mathematicians will be used during this academic year or in summer 2012.

3.3 Investment Committee Report.

The Chair of the Investment Committee, Jane Hawkins, reported that the Committee met on November 18, 2011. The Committee made the following recommendations to the BT, which were approved:

- Add emerging market investments as an additional alternative investment. Transfer the funds invested in the Vanguard Developed Market Index to the Vanguard FTSE All-World ex-US Index Fund. The Vanguard FTSE All-World ex-US Index Fund includes a 25% investment in emerging markets. If this investment brings the alternative investment allocation outside of the current 10% range, the portfolio should be rebalanced.
- Add the following to footnote 1 of the Investment Committee charge: "When new funds are added to the long-term portfolio, they should ordinarily be invested to bring the allocation closer to the rebalancing targets." [It is noted for the record that this has the effect of amending the rebalancing strategy adopted by the May 2009 BT.]

3.4 <u>Audit Committee</u>. Att. #11.

The Chair of the Audit Committee, Jane Hawkins, reported that the Audit Committee met on October 6, 2011 to select a new auditing firm to recommend to the BT. The attached meeting minutes (#11) provide details about the selection of the new firm, CBIZ Tofias & Mayer Hoffman McCann P.C.

The BT approved the Audit Committee's recommendation that CBIZ Tofias & Mayer Hoffman McCann P.C. be selected as the audit firm for 2011, 2012 and 2013.

3.5 <u>Report on the Epicor Project.</u>

The Chief Financial Officer reported that the conversion to the Epicor financial accounting system is on track.

3.6 <u>Report on the Personify Project</u>. Att. #12.

The BT received the attached report (#12) on the status of the project to implement the new association management software (TMA Resources' Personify).

3.7 <u>Trustees' Officers</u>. DAVERMAN.

The Board elected Ronald Stern as Chair of the Board for the term February 1, 2012 – January 31, 2013.

The Board elected Zbigniew Nitecki as Secretary of the Board for the term February 1, 2012 – January 31, 2013.

3.8 <u>Trustees' Committees, etc</u>. Att. #13.

Board Chair Vogtmann made the appointments/assignments as shown on the attached list (#13).

3C BOARD OF TRUSTEES CONSENT ITEMS

3C.1 May 2011 BT Closed Executive Session Meeting.

The BT approved the minutes of the closed executive session meeting of the Board of Trustees held May 21, 2011, in Providence, Rhode Island, that had been distributed separately.

3C.2 Request for Support of Speakers at 2013 AAAS Annual Meeting.

The BT authorized \$12,000 to support mathematics speakers at the 2013 American Association for the Advancement of Science (AAAS) annual meeting and permit the Secretary of Section A of AAAS to over-commit funds up to 20%, with the understanding that the goal is not to exceed the target amount of \$12,000.

3C.3 <u>Charge for Retirement Plan Investment Committee</u>. Att. #14.

Page 1 of Att. #14 contains the resolutions approved by the May 2011 BT to establish a Retirement Plan Investment Committee in order to comply with Federal Department of Labor regulations for 403(b) retirement plans.

Pages 2 and 3 of Att. #14 contain the formal charge drafted for the Committee, which the BT approved.

3C.4 <u>Resolution for Retirees</u>.

The BT approved the following resolutions:

Be it resolved that the Trustees accept the retirement of **Drury R. Burton** with deep appreciation for his faithful service over a period of **33 years**. The Board expresses its profound gratitude for this long record of faithful service. It is through the dedication and service of its employees that the Society is able to effectively serve its members and the greater mathematical community. The Trustees offer Drury their special thanks and heartfelt good wishes for a happy and well-deserved retirement.

Be it resolved that the Trustees accept the retirement of Andrei Iacob with deep appreciation for his faithful service over a period of 23 years. The Board expresses its profound gratitude for this long record of faithful service. It is through the dedication and service of its employees that the Society is able to effectively serve its members and the greater mathematical community. The Trustees offer Andrei their special thanks and heartfelt good wishes for a happy and well-deserved retirement.

Be it resolved that the Trustees accept the retirement of John H. Wilhelm with deep appreciation for his faithful service over a period of 24 years. The Board expresses its profound gratitude for this long record of faithful service. It is through the dedication and service of its employees that the Society is able to effectively serve its members and the greater mathematical community. The Trustees offer John their special thanks and heartfelt good wishes for a happy and well-deserved retirement.

Be it resolved that the Trustees accept the retirement of Smilka Zdravkovska with deep appreciation for her faithful service over a period of 31 years. The Board expresses its profound gratitude for this long record of faithful service. It is through the dedication and service of its employees that the Society is able to effectively serve its members and the greater mathematical community. The Trustees offer Smilka their special thanks and heartfelt good wishes for a happy and well-deserved retirement.

American Mathematical Society November 2011 ECBT Minutes Page 17

3C.5 <u>Recognition for Length of Service</u>.

The BT approved the following proclamations for the employees noted:

20 years of service:

paul j. drummond Caroline M. Hibbad Elizabeth A. Huber Mary E. Letourneau Roxanne F. McGlynn Lori E. Nero Samuel M. Rankin III

> The Board of Trustees takes great pride in recognizing _______ for twenty years of faithful service. It is through the dedication and service of its employees that the Society is able to effectively serve its members and the greater mathematical community. The Trustees offer ______ their special thanks and their best wishes.

25 years of service:

LuAnn I. Cole Brenda Hopkins Gerard L. Loon Lori A. Melucci Julianne M. Pinsak

> The Board of Trustees takes great pride in recognizing ________ who has devoted twenty-five years of service to the Society. The Board expresses its profound gratitude for this long record of faithful service. It is through the dedication and service of its employees that the Society is able to effectively serve its members and the greater mathematical community. The Trustees offer their special thanks and their best wishes to ______ for being such a loyal employee and wish him/her well in the future.

30 years of service:

Nancy G. Kaull Cheryl M. Marino Twila M. Price Donna L. Salter

> The Board of Trustees takes great pride in recognizing for the outstanding distinction of serving the Society for thirty years. The Board expresses its profound gratitude for this long record of faithful service to the Society. It is through the dedication and

American Mathematical Society November 2011 ECBT Minutes Page 18

service of its employees that the Society is able to effectively serve its members and the greater mathematical community. The Trustees offer their special thanks and their best wishes to this loyal employee.

35 years of service:

Ellen H. Heiser

The Board of Trustees takes great pride in recognizing Ellen H. Heiser for the outstanding distinction of serving the Society for thirty-five years. The Board expresses its profound gratitude for this long record of faithful service. It is through the dedication and service of its employees that the Society is able to effectively serve its members and the greater mathematical community. The Trustees offer their special thanks and their best wishes to Ellen for being such a loyal employee and wish her well in the future.

40 years of service:

G. Richard Kelly

The Board of Trustees takes great pride in recognizing G. Richard Kelly for the outstanding distinction of serving the Society for forty years. The Board expresses its profound gratitude for this long record of faithful service. It is through the dedication and service of its employees that the Society is able to effectively serve its members and the greater mathematical community. The Trustees offer their special thanks and their best wishes to Richard for being such a loyal employee and wish him well in the future.

45 years of service:

Leonora T. Davol

The Board of Trustees takes great pride in recognizing Leonora T. Davol who has devoted forty-five years of service to the Society. The Board expresses its profound gratitude for this outstanding distinction of faithful service. It is through the dedication and service of its employees that the Society is able to effectively serve its members and the greater mathematical community. The Trustees offer their special thanks and their best wishes to Leonora for being such a loyal employee and wish her well in the future.

3I BOARD OF TRUSTEES INFORMATION ITEMS

3I.1 <u>Small Changes in Fringe Benefits</u>.

The November 1996 BT authorized the Executive Director to approve changes in benefit plans (except for those changes which would significantly enhance or degrade the Society's financial health or relations with its employees) and asked that these changes be reported to the BT when appropriate. No changes have been made since the last ECBT meeting.

3I.2 <u>Retirement Plan Amendment</u>. Att. #15.

Att. #15 contains a routine amendment to the AMS Retirement Plan (the Plan) required to comply with technical requirements of the Pension Protection Act of 2006, the Heroes Earnings Assistance and Relief Tax Act of 2008, and the Worker, Retiree, and Employer Recovery Act of 2008 and is intended as good faith compliance. This technical amendment has no effect on the operation of the Plan, benefits to AMS employees, or the cost of the benefit. The Plan has been operating under the provisions of this amendment as of the dates outlined in the amendment. The amendment and adopting resolution were drafted by Angell Pension Group, our third-party plan administrator. The Adopting Resolution was approved by the Chief Financial Officer as the person responsible for the operation of the Plan.

3I.3 <u>Tax-Deferred Annuity Plan Amendment</u>. Att. #16.

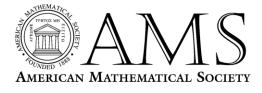
Att. #16 contains a routine amendment to the AMS Tax-Deferred Annuity Plan (the Plan) required to comply with technical requirements of the Pension Protection Act of 2006, the Heroes Earnings Assistance and Relief Tax Act of 2008, and the Worker, Retiree, and Employer Recovery Act of 2008 and is intended as good faith compliance. This technical amendment has no effect on the operation of the Plan, benefits to AMS employees, or the cost of the benefit. The Plan has been operating under the provisions of this amendment as of the dates outlined in the amendment. The amendment and adopting resolution were drafted by Angell Pension Group, our third-party plan administrator. The Adopting Resolution was approved by the Chief Financial Officer as the person responsible for the operation of the Plan.

Respectfully submitted,

aut dave

Robert J. Daverman, Secretary Knoxville, Tennessee January 9, 2012

Attachment 2 Item 1I.1 Page 1 of 6 November 2011 AMS ECBT



Department of Mathematics, 238 Ayres Hall University of Tennessee, 1403 Circle Drive Knoxville, TN 37996-1320 USA Phone: 865-974-6900 Fax: 865-974-2892 www.ams.org

Robert J. Daverman, Secretary Email: daverman@math.utk.edu

SECRETARIAT Business by Mail June, 1 2011

MINUTES from the Ballot dated May 2, 2011

There were five votes cast by Georgia Benkart, Robert Daverman, Michel Lapidus, Matthew Miller and Steven Weintraub.

- 1. Approved electing to membership the individuals named on the list dated April 20, 2011.
- 2. Approved having a Spring 2012 Council Meeting at the Chicago O'Hare Hilton Hotel on April 21, 2012.
- 3. Approved holding a Southeastern Sectional Meeting at the University of Mississippi in Oxford, MS, on March 1-3, 2013.
- 4. Approved the establishment of a Reciprocity agreement between the AMS and the Turkish Mathematical Society.
- 5. Approved the minutes of the Secretariat Business by Mail from the ballot dated April 1, 2011.

Attachment 2 Item 1I.1 Page 2 of 6 November 2011 AMS ECBT



Department of Mathematics, 238 Ayres Hall University of Tennessee, 1403 Circle Drive Knoxville, TN 37996-1320 USA Phone: 865-974-6900 Fax: 865-974-2892 www.ams.org

> Robert J. Daverman, Secretary Email: daverman@math.utk.edu

SECRETARIAT Business by Mail July, 1 2011

MINUTES from the Ballot dated June 1, 2011

There were five votes cast by Georgia Benkart, Robert Daverman, Michel Lapidus, Matthew Miller and Steven Weintraub.

- 1. Approved electing to membership the individuals named on the list dated May 20, 2011.
- 2. Approved holding a Southeastern Section AMS meeting at the University of Louisville in Louisville, Kentucky, on October 5-6, 2013.
- 3. Approved conducting a conference entitled "The fourth international conference on Mathematical Sciences" during February 2012 in cooperation with the AMS. This conference will be held in the United Arab Emirates.
- 4. Approved the minutes of the Secretariat Business by Mail from the ballot dated May 2, 2011.

Attachment 2 Item 1I.1 Page 3 of 6 November 2011 AMS ECBT



Department of Mathematics, 238 Ayres Hall University of Tennessee, 1403 Circle Drive Knoxville, TN 37996-1320 USA Phone: 865-974-6900 Fax: 865-974-2892 www.ams.org

Robert J. Daverman, Secretary Email: daverman@math.utk.edu

SECRETARIAT Business by Mail August, 1 2011

MINUTES from the Ballot dated July 1, 2011

There were five votes cast by Georgia Benkart, Robert Daverman, Michel Lapidus, Matthew Miller and Steven Weintraub.

- 1. Approved electing to membership the individuals named on the list dated June 20, 2011.
- 2. Approved NISERIIMBHU National Inst of Sci Education & Research, Bhubaneswar, India, as a new 2011 International Institutional Member.
- 3. Approved SALZIIMSAL Univ Salzburg, Salzburg, Austria, as a new 2011 International Institutional Member.
- 4. Approved the minutes of the Secretariat Business by Mail from the ballot dated June 1, 2011.

Attachment 2 Item 1I.1 Page 4 of 6 November 2011 AMS ECBT



Department of Mathematics, 238 Ayres Hall University of Tennessee, 1403 Circle Drive Knoxville, TN 37996-1320 USA Phone: 865-974-6900 Fax: 865-974-2892 www.ams.org

Robert J. Daverman, Secretary Email: daverman@math.utk.edu

SECRETARIAT Business by Mail September 1, 2011

MINUTES from the Ballot dated August 1, 2011

There were five votes cast by Georgia Benkart, Robert Daverman, Michel Lapidus, Matthew Miller and Steven Weintraub.

- 1. Approved electing to membership the individuals named on the list dated July 20, 2011.
- 2. Approved the minutes of the Secretariat Business by Mail from the ballot dated July 1, 2011.

Attachment 2 Item 1I.1 Page 5 of 6 November 2011 AMS ECBT



Department of Mathematics, 238 Ayres Hall University of Tennessee, 1403 Circle Drive Knoxville, TN 37996-1320 USA Phone: 865-974-6900 Fax: 865-974-2892 www.ams.org

Robert J. Daverman, Secretary Email: daverman@math.utk.edu

SECRETARIAT Business by Mail October 1, 2011

MINUTES from the Ballot dated September 1, 2011

There were Georgia Benkart, Robert Daverman, Michel Lapidus, Matthew Miller and Steven Weintraub.

- 1. Approved electing to membership the individuals named on the list dated August 20, 2011.
- 2. Approved the minutes of the Secretariat Business by Mail from the ballot dated August 1, 2011.

Attachment 2 Item 1I.1 Page 6 of 6 November 2011 AMS ECBT



Department of Mathematics, 238 Ayres Hall University of Tennessee, 1403 Circle Drive Knoxville, TN 37996-1320 USA Phone: 865-974-6900 Fax: 865-974-2892 www.ams.org

> Robert J. Daverman, Secretary Email: daverman@math.utk.edu

SECRETARIAT Business by Mail November 1, 2011

MINUTES from the Ballot dated October 1, 2011

There were.

- 1. Approved electing to membership the individuals named on the list dated.
- 2. Approved the minutes of the Secretariat Business by Mail from the ballot dated.

Report on the 2011 Meeting of the Mathematical Reviews Editorial Committee

The 2011 meeting of the Mathematical Reviews Editorial Committee (MREC) was held on Monday, October 17, in the Mathematical Reviews offices in Ann Arbor, Michigan. In attendance were committee members Cameron Gordon, Barbara Keyfitz, Peter Maass, Shigefumi Mori, Ronald Solomon (Chair) and Trevor Wooley; invited guests, John Franks, AMS Associate Treasurer, and Zbigniew Nitecki, AMS Associate Treasurer Elect; AMS Executive Director, Don McClure.

After the customary preliminaries, including a discussion of future membership of the committee, the meeting continued with informational items including overviews of the 2012 MR Operating Plan and the 2010 report of Planned Activities and Projects. Increases were noted in both the number of items added to the MR database each day (390, up approximately 7% over 2010) and the number of reviews uploaded to the MR database in 2011 (76,202, an increase of over 4,000 from 2010). MR has also added 65 new journals to the database, which is up from 47 at the same time last year. Staff changes include the retirements of two associate editors, Patrick Ion and Andrei Iacob, with a combined MR service of over fifty years. Two new associate editors, Margaret Stawiska-Friedland and Lon Mitchell, have been appointed. The total number of MR staff is now 75.

A synopsis of the committee's actions and discussion of agenda items follows.

The committee heard from Don McClure about the continuing decline in Mathematical Reviews and Current Mathematical Publications subscriptions. The future of MR paper products was a source of some discussion. Don indicated that this would be an agenda item at the November ECBT meeting.

After Norman Richert discussed a number of charts concerning the growth of the MR Database, Don McClure presented slides showing the publishing trends of mathematics journals over the period 2000-2009. It was noted that the number of mathematics journal articles published during that period increased by more than 36%, the number and type of journals remained constant, and the numbers of commercial publishers and non-commercial publishers flipped so that there are now more of the former.

The committee was given an overview of enhancements to be released in the next version of MathSciNet. These include improved support for mobile devices and pairing of mobile devices with an institution's MathSciNet subscription; and an alerting system enabling users to save searches and be notified when new search results are found. The committee was given a demonstration of one tutorial from the suite of MathSciNet tutorials which was released on September 26. The tutorials were developed at the request of MathScinet users and librarians to enable users to more fully exploit the richness of the databases underlying MathSciNet. Another feature to be added to MathSciNet in the near future, the posting of preliminary data using metadata from publishers, was demonstrated. Also, there was a showing of the MR movie "An Introduction to Mathematical Reviews", which is now available on YouTube.

Attachment 3 Item 2.1 Page 2 of 2 November 2011 AMS ECBT

Norman Richert discussed his recently published paper "Authors in the MR Database". He also spoke of future enhancements to MathSciNet including the ability of authors to better control their own profiles. There is also a movement to have publishers and authors begin to use the MR Author IDs in publications and, in effect, to make MR Author IDs, and the information associated with them, an accepted component of mathematical publishing. The AMS and Project Euclid will take the lead in this.

The committee approved unanimously 25 journals for addition to the collection of Reference List Journals (RLJs), bringing to 485 the number of journals for which every listing on MathSciNet is accompanied by a reference list. In accordance with MREC's recently adopted policy, recommendations for RLJs were supported by statements prepared by associate editors. Reference lists for articles from the new RLJs published in 2000 or later will be appended to existing listings. This backfill work will begin without delay.

In his presentation on the rating of mathematics journals, Don McClure discussed the efforts of the IMU and ICIAM to consider the idea of instituting a rating system for mathematics journals. A joint working group presented its report at a forum at the ICIAM in Vancouver in July with the recommendation of creating a four-tier system. A blog will soon be available for members of the mathematics community to provide input.

The committee reviewed the MR Editorial Statement and no changes were made.

As is customary, the committee was provided with comparative information concerning the MR and the Zentralblatt MATH databases. The committee was informed that Professor Gert-Martin Greuel will become the Editor-in-Chief of ZBL on January 1, 2012.

The date for the next MREC meeting is Monday October 8, 2012.

Graeme Fairweather, October 2011

REVISED 11/2/11

American Mathematical Society Committee on Publications September 23-24, 2011

Summary Report

A meeting of the AMS Committee on Publications (CPub) was held on Friday and Saturday, September 23-24, 2011, at the Chicago Hilton O'Hare, Chicago, IL. CPub chair Gregory F. Lawler presided over the meeting. A summary of the meeting is provided below.

Friday's agenda included the following topics:

www.ams.org as an AMS Publication

Executive Director Don McClure provided the Committee with an update on the steps AMS has taken toward redesigning the structure and content of the AMS website (www.ams.org) to function as a publication of the Society. Since the launch of the new website in April 2010, AMS has made further progress, such as creating a Web Editor position, reconstituting the Web Advisory Group (WAG) and expanding its scope to include increased external representation from the larger mathematical community. In continuing with the steps taken so far, CPub endorsed the idea that a working group, to be named the Web Editorial Group (WEG), be assembled by the Secretary and President to make suggestions about mathematical content on www.ams.org and to collaborate with the expanded WAG in this capacity. At its 2012 meeting, CPub will work on formulating the charge to the WEG.

IMU-ICIAM Discussion on Rating of Mathematics Journals

Executive Director Don McClure led an informational discussion on work being done by the IMU and ICIAM on journal rating. A joint working group of the IMU and ICIAM, the Working Group on Journal Rankings and Pricing (WG-JRP), was established in fall 2010 and charged to consider "whether or not a joint ICIAM/IMU method of ranking mathematical journals should be instituted, and what other possible options there may be for protecting against the inappropriate use of impact factors and similar manipulable indices for evaluating research."

The Committee discussed the findings outlined in the report of the working group, which was presented at an ICIAM forum in July 2011. The working group's report proposes the establishment of a four-tier international rating system and outlines criteria, financial considerations, timelines, and risks. However, both the ICIAM and IMU have adopted resolutions to spend more time gathering input from the community before any concrete action is taken. It was pointed out that one of the issues for further consideration noted by the working group was if AMS could be "persuaded to adapt the MCQ [Mathematical Citation Quotient] rankings to make it more widely applicable".

Attachment 4 Item 2.2 Page 2 of 4 November 2011 AMS ECBT

Saturday's agenda included the following topics:

CPub 2010 Updates

CPub's 2010 meeting and review of the AMS Primary Journals did not result in any recommendations for action to the Council. CPub moved to accept the report of the Subcommittee with thanks, and the 2010 CPub report was filed in the AMS Committee Report Book as Committee Report No. 101026-015. CPub chair Joseph Silverman provided an oral report on CPub's 2010 meeting, including the review of primary journals, to the Council in January 2011.

Review of AMS "Other" Journals

Gregory Lawler, chair of the CPub subcommittee that conducted the 2011 review of AMS electronic-only, translation, and distributed journals, presented the report prepared by the subcommittee. Other subcommittee members included: Richard Brualdi, Mark Goresky, and Andrew Odlyzko. The Committee discussed the findings of the review, which highlighted the strengths of these AMS publications.

For AMS electronic journals (*Conformal Geometry and Dynamics* and *Representation Theory*), it was noted that the "most important aspect of the review is to guarantee that the journals are publishing excellent papers that contribute to their areas. The simple answer is that this seems to be the case for both journals and there is no need to make any significant changes". Similarly, regarding journals distributed by the AMS, the subcommittee found that "all seem to publish high quality papers by international contributors. All are highly respected and serve an important need."

The AMS translation journal <u>Sugaku Expositions</u> received a favorable review by the subcommittee, which noted that such "expositions would probably not be available outside of Japan if it were not for this journal. There is no question that we should continue this series." Regarding the three other translation journals (<u>St. Petersburg Mathematical Journal,</u> <u>Transactions of the Moscow Mathematical Society</u>, and <u>Theory of Probability and Mathematical</u> <u>Statistics</u>) they summarized that a "quick look at these journals indicates that they contain solid research papers, but it is hard to give a more accurate assessment."

Overall, the findings of the review were positive and no recommendations for changes were proposed. The report was accepted with thanks by the Committee.

Publishing the Joint Meetings Program in the *Notices*

The Society publishes the program of the annual Joint Mathematics Meetings (JMM) in the *Notices* but not the programs of the Sectional Meetings. At its March 2011 meeting, the Committee on Meetings and Conferences (CoMC) considered that since the JMM program is available online and participants are provided with the printed program either my mail or on-site, it seems unnecessary to publish the program in the *Notices* as well. CoMC voted to recommend to CPub that the practice of publishing the JMM program in the January *Notices* be discontinued. The Committee discussed and approved CoMC's recommendation and will forward the item to Council for consideration at its January 2012 meeting.

AMS eBook Program

Beth Huber, Associate Executive Director of Publishing, provided the Committee with an update on the AMS eBook program. AMS has partnered with Google eBooks to offer its books for sale in electronic format. Beginning in 2012, the AMS <u>Contemporary Mathematics</u> series will also be available in electronic format by yearly subscription. Additional proceedings series will follow, as well as complete backlist offerings. AMS will also be expanding the program to include direct sales of eBooks through which member discounts and other benefits to members can be offered.

The Evolution of Mathematics Journals

CPub first began discussing possible implications of open access models for mathematics journals at its 2008 meeting. A subcommittee of CPub then recommended the following policy statement on author pay models, which was adopted by Council in January 2009:

The American Mathematical Society strongly endorses the principle that a paper in the mathematical sciences should have the opportunity to be evaluated and possibly published without regard to the financial circumstances of its authors. For this reason, the AMS does not charge authors any fees for publication in its journals.

With the passage of the America COMPETES legislation directing the Office of Science and Technology Policy (OSTP) to coordinate Federal science agency policies related to dissemination (and public access) of results of unclassified research funded from Federal science agencies, it is very likely that mathematics journals will need to adjust to mandated open access in the near future. As a result, the Executive Director recommended that CPub consider alternative wording to the policy statement which would not exclude any author from publishing in an AMS journal. CPub discussed the recommendation and approved deleting the last sentence from the above policy statement. The revised statement will be recommended to Council for approval.

Review of AMS Editorial Committee Charges

The Secretary and Publisher suggested various changes to some book and journal editorial committee charges to make them more uniform and better reflect current practices. CPub authorized the suggested changes to the committee charges, which will be forwarded to Council for approval.

Report on Journal Backlogs

The Committee receives a report on the AMS primary journal backlogs as a standing item on its annual meeting agenda. Associate Executive Director of Publishing Beth Huber reviewed the Backlog of Mathematics Research Journals report which is published yearly in *Notices* as well as the internal backlog report with the Committee.

Report on Mathematical Reviews

Similar to the report on journal backlogs, CPub regularly receives information about Mathematical Reviews (MR) from its Executive Editor, who is invited to attend all meetings of the Committee on Publications. Graeme Fairweather provided the Committee with an update on MR activities since his previous report in 2010. A new version of <u>MathSciNet ®</u> will be

Attachment 4 Item 2.2 Page 4 of 4 November 2011 AMS ECBT

launched in 2012 and will incorporate several new features. These features will include improved support of mobile devices, email notification alerts, and author profile personalization. The next meeting of the Mathematical Reviews Editorial Committee (MREC) will take place in October 2011 in Ann Arbor.

2012 CPub Meeting

The next meeting of the AMS Committee on Publications will be held on Friday and Saturday, September 28-29, 2012, at the Chicago Hilton O'Hare in Chicago, IL. In accordance with CPub's review schedule, a subcommittee will be established to conduct a review of the AMS Book Program. The report of the subcommittee will be presented at the 2012 meeting.

Sergei Gelfand, *Publisher* October 13, 2011

Committee on the Profession September 24 - 25, 2011 Hilton Chicago O'Hare Airport Hotel

The Committee on the Profession (CoProf) held its annual meeting on September 24-25, 2011, at the Hilton Chicago O'Hare Airport Hotel. Highlights of that meeting are provided below.

Regular Agenda Items:

- Annual review: CoProf's annual review, conducted by a subcommittee, was on the topic of the Society's activities related to Membership and Member Benefits. Committee members discussed various ideas for new member benefits and also for AMS branding of current services that are offered to members. These ideas will be shared with AMS staff. There will be a standing CoProf subcommittee on membership, an idea that was first proposed by the Task Force on Membership in its report submitted in December 1999. The current members of this subcommittee will be the individuals who served on the annual review subcommittee.
- 2011 Information Statement on the Culture of Research and Scholarship in Mathematics: The Committee on the Profession has been making a series of statements that highlight ways in which the traditions of mathematics differ from those in other disciplines, especially other sciences and engineering. This year, CoProf continued to consider a statement concerning teaching loads. The statement was approved and will be posted on the AMS web site.
- **Programs that Make a Difference**: Each year, CoProf recognizes at most two programs that: (1) aim to bring more persons from underrepresented backgrounds into some portion of the pipeline beginning at the undergraduate level and leading to an advanced degree in mathematics, or retain them in the pipeline; (2) have achieved documentable success in doing so; and (3) are replicable models. The deadline for nominations was September 15, 2011, for programs to be considered for the 2012 recognition. The subcommittee will make its decision and request that it be approved by CoProf before December 1. Five nominations were continued from last year; we received a revision of one of these nominations. An additional nomination was also received. The one or two programs that are chosen will be featured in the May 2011 issue of the *Notices* and will be presented on a web site linked to the AMS home page. The two programs recognized in 2011 were the Department of Mathematics at North Carolina State University and the Center for Women in Mathematics and the Center's Post-baccalaureate Program at Smith College.
- **CoProf Panel at the 2012 JMM**: CoProf will have a panel at the 2012 Joint Mathematics Meeting in Boston. The panel will be: *Supply, Demand and the Math Ph.D. Program,* moderated by Julius Zelmanowitz, professor emeritus of the University of Santa Barbara.

Panel description: Is there an oversupply of Ph.D. mathematicians? What effect should hiring patterns have on Ph.D. programs in term of size, curriculum or advising? These and other contentious questions will be addressed during this panel discussion with audience participation.

• **Discussion topic:** *Math Emergencies and Possible AMS Responses*: During the spring of 2011, members of CoProf learned of four mathematics departments and institutions that were facing extreme cutbacks or closures, including the Feza Gursey Institute in Turkey, the Schrodinger Institute in Vienna and the mathematics departments at the VU Amsterdam and the University of Nevada-Reno. CoProf discussed whether it should take the lead in establishing when and how the AMS should respond to similar situations. CoProf members realized that the connections of its members to mathematicians and institutions all over the world help inform the AMS about these situations. CoProf agreed that the AMS President, Secretary or Executive Director should share such news with CoProf and that CoProf should participate in the discussion of how the AMS should address the problem.

Agenda Items Relating to Prizes:

- AWIS-AWARDS Project: The AMS has been asked to participate in a program designed by the Association for Women in Science and funded by the National Science Foundation to explore how societies in the sciences can award more prizes to women. In June, 2010, three representatives of the AMS attended a workshop for this program; these representatives wrote up a set of recommendations for the AMS. A CoProf subcommittee discussed these recommendations, and decided that the AMS needs to do several things: have more information about nominations for AMS prizes on the AMS web site and establish a canvassing committee to help generate additional nominations for prizes. A prize oversight committee was established as a subcommittee of CoProf to consider implementing these recommendations and others from the Task Force on Prizes.
- Joint Prize Session at the JMM: A joint subcommittee of CoProf and the Committee on Meetings and Conferences (CoMC) will discuss possible recommendations to the Joint Meetings Committee (JMC) for changes to the Joint Prize Session at the Joint Mathematics Meetings. CoProf made several suggestions on how to streamline the session, including having photographs on the overhead screen and not allowing responses to the award from the awardees.

Other Agenda Items:

• **Proposal for Student Chapters**: In February 2011, AMS President Eric Friedlander appointed members to the Graduate Working Group, whose purpose is to search for ways that the American Mathematical Society can make meaningful contributions to the professional development of graduate students in the mathematical sciences and for ways to encourage graduate students to participate in the Society. CoProf discussed the preliminary draft from the Graduate Working Group to create AMS Student Chapters.

CoProf endorsed in principle the idea of having Student Chapters, and suggested that the chapters receive up to \$1000 per year for support from the AMS. Committee members also suggested that the application for becoming a chapter be as flexible as possible and that chapters should be located at institutional members. A new draft of the proposal for Student Chapters will be written after the Committee on Education meeting at the end of October 2011, and will be submitted for consideration by the ECBT and the Council.

- Assistantships & Graduate Fellowships: The AMS has published this booklet for many years and sent a copy to each institutional member. AMS staff have determined that this format is obsolete and intend to discontinue the publication of this booklet in 2012. Instead, the information collected from departments with graduate programs will be entered into a searchable database and will be accessible through the AMS web site. CoProf discussed various ideas of what information would be useful for students who are considering graduate programs.
- **Book & Journal Donation Program**: This program was begun about 10 years ago with a donation from the Alan and Katherine Strook Fund in order to provide books and journals to institutions with active mathematics research in developing countries. Over the past few years, AMS staff have observed that book donations are regularly requested by institutions but journal donations are not being requested. CoProf approved the proposal that the program move toward a program of book donations only. This change will not violate the original intention of the donor. The AMS already provides support for developing countries to obtain electronic access to journal content.
- Young Scholars Awards Committee Report: The Young Scholars Program provides funding for summer math camps for middle and high school students. The committee that made the decisions for funding for the summer of 2011 raised some concerns about the program in a report submitted to CoProf. CoProf has asked staff members to survey math camps that have applied for funding to determine if the AMS should move forward on the suggestions of the committee. This topic will be revisited at the 2012 CoProf meeting.
- Charge to the MRC Advisory Board: The Advisory Board for the Mathematics Research Communities (MRC) program advises the AMS staff on various aspects of the program. Now that the program has been operating for a few years, it has become apparent that the organizers and topics need to be determined earlier than the summer before the conferences. CoProf approved that proposed change to the charge of the Advisory Board and will take this proposed change to the Council in January 2012.
- NRC Rankings: In 2010, the National Research Council released its Data-Based Assessment of Research-Doctorate Programs. These goals and methodology of these assessments are significantly different than the earlier rankings done by the NRC. The AMS asked CoProf to make a recommendation to the Joint Data Committee concerning whether these rankings should be used to create new groupings for the Annual Survey of the Mathematical Sciences. CoProf voted to recommend to the Joint Data Committee

that the current Survey Groups continue to be used for the Annual Survey and that the Data Committee disavow any reading of those groups as reflecting a current reputational ranking of programs.

- AMS Committee on the Status of Women: President Eric Friedlander has asked the AMS to consider forming a committee on the status of women in the mathematical sciences. CoProf will recommend this to the Council and a subcommittee of CoProf will write the charge.
- **Proposal for a Program of Internships**: Philippe Tondeur has written a proposal for a national network of internships in business, industry and government for graduate students and postdoctoral fellows in the mathematical sciences, based on several successful models. Although CoProf discussed the proposal and whether the AMS should take a leading role, CoProf did not make a specific recommendation.

Next meeting: The Committee on the Profession will hold its next meeting on September 29 – 30, 2012, at the Hilton Chicago O'Hare Airport Hotel. The Committee selected the Society's activities in the area of Employment Issues and Opportunities as the topic of the next year's annual review. This topic was last reviewed in 2004. The 2012 information statement on the culture of mathematics will be on the structure of graduate programs.

Ellen J. Maycock Associate Executive Director October 17, 2011

Washington Office Report October 21, 2011

We are in Fiscal Year (FY) 2012 and as usual, the federal government is running on a Continuing Budget Resolution (CR) until November 18, 2011. Spending during the CR period is based on the FY 2011 budget reduced by 1.503 percent. More than likely another CR will be passed to keep the federal government running into December, although there are rumblings that a government shutdown could happen because the two parties are beginning to snipe over appropriations.

To date only six of the twelve appropriations bills have been passed by the House and only one by the Senate. It has been rumored, in order for Congress to finish the appropriations process, an omnibus appropriations bill will be passed. Congress has decided to try a "minibus" approach, packaging a few appropriations bills together. The first package is made up of the Commerce, Justice, Science and Related Agencies (CJS), Transportation/HUD, and Agriculture bills and is being considered in the Senate this week (October 17-21, 2011). Congressional leaders say that considering "minibus" packages allows more transparency to the process. Of course, individual bill passage allows the most transparency.

The House Appropriations Committee has passed a Commerce, Justice, Science and Related Agencies (CJS) Appropriations bill that provides NSF with a FY 2012 budget of \$6,859,867,000, the same as the FY 2011 NSF budget level. The Senate Appropriations Committee has, on-the-other-hand, approved a bill that gives NSF a budget of \$6,698,095,000 or \$161,772,000 below the FY 2011 NSF budget. The Senate budget includes a \$120,875,000 cut to the Research and Related Activities budget line and a \$32,034,000 cut to the Education and Human Resources budget.

The Department of Energy's Office of Science (SC) received a FY 2012 budget mark of \$4,800,000,000 by the House Appropriations Committee. This budget is \$42,665,000 less than the FY 2011 SC budget. The Office of Advanced Scientific Computing Research (ASCR) is in SC and is the primary funder of the mathematical sciences through the Applied Mathematics and Scientific Discovery through Advanced Computing programs. ASCR was allocated a FY 2012 budget of \$427,093,000, which is \$5,096,000 over its FY 2011 budget.

The Senate Appropriations Committee has given SC a FY 2012 budget of \$4,842,665,000, the same level as the FY 2011 SC budget. This mark included \$441,619,000 for ASCR, which is \$14,526,000 over the House FY 2012 budget mark and \$19,622,000 over the FY 2011 ASCR budget. The differences between the House and Senate will be worked out by a conference committee made up of Members from both appropriations committees.

The Senate reduction to the FY 2012 NSF budget stimulated action by scientific societies and universities. Many societies sent alerts asking their members to contact their representatives. The Washington Office sent an alert to the AMS Grassroots Network asking Network members to communicate with their senators and representative to push for a FY 2012 NSF budget level of

Attachment 6 Item 2.7 Page 2 of 3 November 2011 AMS ECBT

least \$6,859,867,000, the FY 2011 level. There are currently over 3,500 AMS members in the Network.

The Budget Control Act of 2011, signed into law on August 2, 2011, requires discretionary spending, that is appropriations, to be cut and capped, projecting a savings of \$917 billion over ten years. This law is already affecting the FY 2012 appropriations process and will affect future appropriations over the next nine years. In addition to the immediate cuts required by the law, a complex process will lead to an additional deficit reduction of \$1.2 trillion to \$1.5 trillion over ten years.

The Budget Control Act sets up a twelve person (6 Democrats, 6 Republicans) Joint Select Committee on Deficit Reduction (JSCDR). This committee is to come up with a plan for reducing the deficit by \$1.2 trillion to \$1.5 trillion. This plan can be a combination of spending cuts and tax increases. If the JSCDR process does not result in a new law enacting a deficit reduction of at least \$1.2 trillion over ten years, then on January 15, 2012 a "trigger" leading to \$1.2 trillion in future spending cuts goes into effect. On January 2, 2013, the Office of Management and Budget will order across-the-board cuts for defense and non-defense discretionary spending (deeper cuts in defense), Medicare, farm and housing subsidies, and a few smaller entitlements.

As you can imagine, the JSCDR is being inundated by congressional committees, individual members of Congress, and constituencies with requests, suggestions, and demands. If the "trigger" is pulled, the spending cuts required to make up the \$1.2 trillion deficit will be in addition to the cuts already required to make up the \$917 billion in cuts. Discretionary spending will be seriously impacted and the effect of these cuts will also reach STEM research and education.

The Washington Office continues to lead and support the Coalition for National Science Funding (CNSF), planning monthly meetings and organizing Coalition events. This year we are inviting assistant directors of the NSF directorates to meet with CNSF. We have a different assistant director at each monthly meeting. The purpose of these meetings is to introduce the assistant directors to the CNSF membership and to help CNSF learn more about the directorates in order for CNSF to be a better advocate for NSF.

This fall a small group of CNSF members (4), including Sam Rankin, has been meeting with the Deputy Director of NSF and more recently with the Dr. Subra Suresh, the Director of NSF. The purpose of these meetings is to develop a plan of action that will help CNSF and NSF promulgate the value and importance of NSF to policymakers and the public.

This summer Sam Rankin, and other members of the Government Affairs Task Force (GATF), made several Hill visits to discuss open access. GATF is a group representing for profit and non-profit publishers. The meetings focused on the legislation in the America COMPETES Act (P.L. 111-358) regarding open access. Our visits were to circumvent the introduction in Congress of any bills regarding open access. The legislation in the America COMPETES Act sets up a process for the Office of Science and Technology Policy (OSTP) to follow in order to figure out

the best way for the federal government to provide open access to publications based on federally funded research. OSTP has been slow to initiate the process outlined in America COMPETES and GATF wants to make sure Congress gives the process a chance.

Sam Rankin also set up and participated in a meeting on open access with Ed Seidel, Assistant Director, NSF Directorate of Mathematical and Physical Sciences (MPS), other GATF members, and MPS division directors. The results of the meeting were suggestions of some areas for pilot projects related to open access that MPS would be willing to fund. The GATF group responded by sending Ed Seidel a white paper outlining several projects that could be of mutual interest. Seidel has yet to comment on the suggested projects.

Sam participated in several other Hill meetings focused on NSF appropriations. A meeting with Congressman Frank Wolf's staff was particularly enlightening as we learned that Mr. Wolf was determined to not let the FY 2012 budget slip below the FY 2011 level. Mr. Wolf is chair of the House Commerce, Justice, Science, and Related Agencies Appropriations Subcommittee, the committee that appropriates the NSF budget. Congressman Wolf was true to his word, however, as mentioned above the Senate has not followed his lead.

Anita Benjamin continues to work with other staff as part of the AMS social networking group This working group is tasked with improving the society's presence on social networking sites like Facebook, Twitter and LinkedIn, and keeping abreast of trends and tools for providing information and increasing the AMS presence in this medium. The Washington Office regularly posts information on these sites regarding meetings, events and other news of interest to members and others.

The Washington Office has been busy this fall preparing for the Committee on Education (COE) meeting to be held at the end of October, as well as helping organize the JPBM meeting to be held on October 31. The office has also been involved in organizing sessions for the Joint Mathematics Meetings including the Committee on Education, Committee on Science Policy, AMS Congressional Fellowship, and a session on Non-Academic Employment, as well as the Annual Department Chairs Workshop. The 2012 Department Chairs Workshop leaders are: Timothy Hodges, University of Cincinnati; John Meakin, University of Nebraska-Lincoln; Helen Roberts, Montclair State University; and Alex Smith, University of Wisconsin-Eau Claire.

Respectfully submitted, Sam Rankin, Associate Executive Director October 21, 2011

Attachment 7 Item 2.11 Page 1 of 4 November 2013 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 2013 Dues.

There was no dues rate increase adopted for the year 2011. The dues rate for 2012 was increased from the 2011 rate by \$4, to yield dues of \$172/\$129 (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 2001-2010, projected results for 2011, budgeted results for 2012 and an estimate of 2013 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 2010, the difference had decreased to a deficit of \$105,000. The difference is projected to be a deficit of \$169,000 in 2011 although the budgeted deficit was \$178,000. The difference is budgeted to be a deficit of \$199,000 in 2012, which is a deficit that is \$21,000 greater than the deficit projection when 2012 dues were established.

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 Projected	1,314	(1,483)	(169)
2012 Budget	1,297	(1,496)	(199)
2013-\$172	1,297	(1,496)	(199)
2013-\$176	1,326	(1,496)	(170)
2013-\$180	1,355	(1,496)	(141)

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 \$26.49, or 15.4%, 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

Attachment 7 Item 2.11 Page 3 of 4 November 2011 AMS ECBT

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 2010 (the last year of actual data), the cumulative dues increase lags the salary increase by about four years. Similar results are seen if one uses the AAUP salary data, although the lag time and differences in the cumulative increases are about six 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).

During a financial crisis, every member will be affected financially to some (negative) degree. It is disturbing to note that the salary increases for faculty based on the AAUP data were 1.4% in 2010. Many members have experienced salary freezes or furloughs over the past year and mathematics faculty salaries increased at a rate of 0.7% in 2010, based on data from the Annual Survey.

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 2013 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 2013 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 2013 at the 2012 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 2013 be set at \$176, a \$4 increase over the dues for 2012.

Ellen J. Maycock, Associate Executive Director Emily D. Riley, Chief Financial Officer October 2011

Faculty Salaries Data	rries Data			Inflati	nflation Data		Regular Higl	Regular High Dues Rates		Dues Rev.
sports	AMS Ann	AMS Annual Survey								
Cumulative Increase	Annual Inc. Grps 1-3 combined	Cumulative Increase	Calendar Year	Annual Increase CPI-U	Cumulative Increase CPI-U	Actual Dues	Cumulative Increase	Covert Dues	High/Low Cutoff	Total Dues Revenue (1000's)
			1996	3.3%		120		117.637	45,000	
3.3%	2.7%	2.7%	1997	1.7%	1.7%	124	3.3%	121.048	45,000	1,414
7.0%	3.8%	6.6%	1998	1.6%	3.3%	128	6.7%	124.679	45,000	1,437
11.0%	3.8%	10.7%	1999	2.7%	6.1%	132	10.0%	128.918	55,000	1,380
14.9%	5.0%	16.2%	2000	3.4%	9.7%	132	10.0%	128.918	65,000	1,384
19.2%	4.2%	21.1%	2001	1.6%	11.4%	136	13.3%	133.559	75,000	1,413
22.8%	3.3%	25.1%	2002	2.4%	14.1%	140	16.7%	138.501	75,000	1,388
25.4%	2.0%	27.6%	2003	1.9%	16.2%	144	20.0%	143.349	75,000	1,369
28.9%	2.2%	30.4%	2004	3.3%	20.0%	148	23.3%	148.796	80,000	1,318
32.9%	4.0%	35.6%	2005	3.4%	24.1%	152	26.7%	153.260	80,000	1,345
37.9%	3.5%	40.3%	2006	2.5%	27.2%	152	26.7%	156.478	80,000	1,355
43.2%	4.2%	46.2%	2007	4.1%	32.4%	156	30.0%	160.860	80,000	1,364
48.0%	1.6%	48.6%	2008	0.1%	32.6%	160	33.3%	166.973	80,000	1,386
49.8%	3.0%	53.0%	2009	2.7%	36.1%	164	36.7%	173.317	80,000	1,368
51.9%	0.70%	54.1%	2010	1.5%	38.2%	168	40.0%	179.210	85,000	1,345
			2011est	3.8%	43.4%	168	40.0%	181.361	85,000	1,314
			2012est	3.0%	47.7%	172	43.3%	183.900	85,000	1,297
			2013	3.0%	52.2%	172	43.3%	183.900	85,000	1,297
			2013	3.0%	52.2%	176	46.7%	183.900	85,000	1,326
			2013	3.0%	52.2%	180	50.0%	183.900	85,000	1,355
Explanatory Notes: 1. AAUP data: Perc	Notes: a: Percentage in	Explanatory Notes: 1. AAUP data: Percentage increase in average nominal salaries for institutions reporting comparable data	nominal salaries f	or institutions re	eporting comparal	ole data				

Factors for Consideration in Setting Individual Dues Rates for 2013

<u>v</u> v.

ANUT Uata: Fercentage increase in average nominal salaries for institutions reporting comparable data for adjacent one-year periods. CPI-U data: Based on the Dec. to Dec. annual change in the index, with estimates for 2011, 2012 and 2013. 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. 2011 dues revenue reflects current projections and 2012 dues revenue is as budgeted. The three scenarios presented for 2013 dues assume a paying membership similar to that budgeted for 2012. Aug 2010-Aug 2011 CPI-U is 3.8%;

4. 5.

P Rep	Cu													•			
AAUP	Annual Increase	3.0%	3.3%	3.6%	3.7%	3.5%	3.8%	3.0%	2.1%	2.8%	3.1%	3.8%	3.8%	3.4%	1.2%	1.4%	
	Academic Year Beginning	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	

National Math Reviews Subscription Program The National DAF

The Current Model. The Society currently provides low cost access to Mathematical Reviews to institutions in certain underdeveloped countries via its National MR Subscription Program. Through this program, a single entity in an eligible country, typically a national mathematical society or a government research entity, pays a reduced-price National Data Access Fee (National DAF) which then qualifies each institution in that country to have access to Mathematical Reviews in that site's chosen form for a delivery fee.

Eligibility. A critical aspect of the discount program is establishing which countries are eligible to join the National MR Subscription Program (NMRSP). To be eligible, a country's Gross National Income (GNI) must be less than \$50 billion and its Per Capita GNI must be less than \$3,700 at the time they join. Once a country joins the NMRSP, they are permitted to continue in the program as long as at least one of these two economic measures is met under "grandfather countries" status. There are currently eleven countries that fall into this category and they are referred to as 'grandfathered countries'.

The eligibility criteria, established in 1995 and most recently revised in 2008, are set at a level that identifies an appropriate set of countries for the program and yet still limits the Society's maximum exposure to a reduction in DAF revenue from institutions in the broader community of undeveloped countries that are paying DAFs.

<u>The Current Pricing Model</u>. The current pricing model uses a multiplier based solely on each eligible country's Per Capita GNI. The National DAF is set as follows:

Step 1. An eligible country's National DAF is

- \$ 600 if Per Capita GNI is less than \$936
- \$1000 if Per Capita GNI is between \$936 and \$2700
- \$1,500 if Per Capita GNI is greater than \$2700 (but less than \$3700)

Step 2. The National DAF produced in Step 1 is discounted based on the mathematical activity within the country, again subject to a minimum fee of \$200, as follows:

Discount to National DAF	Three-year total of papers reviewed in MR
75%	0 to 25 papers
50%	26 to 100 papers
25%	101-300 papers
0%	More than 300 papers

<u>Other Aspects of the NMRSP</u>. In addition to the National DAF, there is a charge for delivery to each site of their chosen MR product. The delivery price for MathSciNet is based on the site's Math Activity. The delivery charge is \$20 times a site's Math Activity, subject to a minimum fee of \$100 and a maximum fee of \$500. There is no discount on the paper MR.

<u>Application of the Pricing Model.</u> The pricing model is applied to all newly joining countries. It is also used for countries that currently participate in the NMRSP, except for the eleven grandfathered NMRSP countries. The National DAFs for some of the eleven grandfathered countries will be increased through the 2012 subscriptions period. When the new pricing model results in a substantial increase in a current NMRSP country's National DAF, the increase will be phased in over three years.

The grandfathered countries will be moved to standard consortia pricing when possible, otherwise they will be maintained at the proposed National DAF level in the table until their GNI exceeds \$50 billion and their Per Capita GNI exceeds \$3700. For example, since 2008, Algeria, Lebanon and Romania were moved out of the NDAF program into consortia. In addition, Bulgaria and the Slovak Republic dropped out completely but new countries were added including Cambodia and Mongolia.

Periodic Updating of the National DAFs. The National DAF prices for countries participating in the NMRSP will be reviewed on a three-year cycle using the country's most recently reported Per Capita GNI and their most recent Math Activity. Substantial increases in a country's National DAF may be phased in over a three-year period.

Beth Huber September 2011

	GNI (in billions) 2 0 10.14 10.14 10.14 10.14 10.14 10.16 10.16 11.17 11.17 11.17 11.17 11.17 11.16 14.3 35.1 6.38 0.92 0.92 0.92 10.16		Papers Papers reviewed 2005-2007 0 0 0 516 707 707 707 0 0 0 0 0 112 707 707 707 39 6 6 0 0 1515	With granditathered countries in blue.) Papers GNI (in reviewed Computed 0.114 0 $0.05-2007$ National DAF 10.146 12 1.000 0.00 10.46 12 1.500 0.00 10.46 12 1.000 0.00 $2.1.87$ 707 1.000 0.00 $2.1.87$ 707 1.000 0.00 $2.1.87$ 707 1.000 0.00 $2.1.7$ 0 1.000 0.00 $2.1.87$ 707 1.000 0.00 $2.1.87$ 707 1.000 0.00 $2.1.87$ 707 1.000 0.00 1.17 0 1.000 1.000 1.196 0 1.000 1.000 $1.1.96$ 0 1.000 1.000 $1.1.96$ 0 1.000 1.000 $1.1.96$ 0 1.000 1.000 $1.2.15$ 0 0.000	MA Discount 75% 75% 0% 0% 0% 75% 75% 75% 75% 75%	Proposed new discounted National DAF (2010-2012) 200 200 375 250 1000 1000 1000 1000 250 250 250 250 250 250 250 250 250	Current National DAF payment 250 200 1000 1500 1500 200	Inc. (Dec.) in NDAF 125 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
CameroonCape VerdeCentral African RepublicChadChadComgo, Dem RepCongo, RepCosta RicaCosta RicaCosta RicaCosta RicaDiboutiDjiboutiDiptoutiDominican RepublicEcuador	1,050 2,430 380 540 680 140 1,40 1,540 5,560 910 1,090 1,090 3,550 3,080	19.45 1.29 1.67 5.76 5.76 0.43 8.57 5.80 24.8 17.54 46.426 0.91 34.61 41.15	180 1 1 6 6 6 73 33 33 3 3	1,000 1,000 600 600 600 600 1,000 1,000 1,500 1,500	25% 75% 75% 75% 75% 75% 75% 75% 75%	750 250 250 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 300 375 375	200 800 3500 3500	November 2011 AMS ECBT 02 02 02 02	Page 3 of 6

 Table 1: Countries Participating or Eligible to Participate in the NMRSP

Attachment 9 Item 2.13

Item 2.13 Page 4 of 6 November 2	Inc. (Dec.) Inc. NDAF	CE	Т	600	0	250	100			0							100	500	-200			0				0	(
	Inc.]	4,	<u> </u>								
	Current National DAF payment	•		400	200	350	200			200							200	1000	400			200				200	000
	Proposed new discounted National DAF (2010-2012)	375	200	1000	200	009	300	200	1000	200	250	200	200	250	200	250	300	1500	200	250	300	200	250	200	1125	200	
	MA Discount	75%	75%		75%			75%	0%	75%	75%	75%	75%	75%	75%	75%	50%	0%0	75%	75%	50%	75%	75%	75%	25%	75%	7072
o Participate in the NMRSP with grandfathered countries in blue)	Computed National DAF	1,500	600		009			009	1,000	009	1,000	009	600	1,000	009	1,000	009	1,500	009	1,000	009	009	1,000	009	1,500	600	009
pate in the] dfathered co	Papers reviewed 2005-2007	0	13	393	19	28	1	0	705	5	0	3	0	0	0	0	44	559	24	0	41	0	2	0	149	12	ç
		19.52	1.11	17.7	17.57	3.2	8.876	0.54	9.34	13.91	32.59	3.72	0.33	0.96	5.37	11.34	unknown	16.28	25.56	0.12	3.10	3.41	2.01	0.55	7.05	6.33	3 51
cipating or Eligib e highlighted in col	GNI per capita	2,850	230	13,200	220	3,800	6,670	320	2,120	590	2,440	400	200	1,300	560	1,600	935	2,850	680	1,170	590	580	1,000	150	3,460	320	750
Table 1: Countries Participating or Eligible to Participate in the NMRSP (Participating countries are highlighted in color with grandfathered countries in co	Country	El Salvador	Eritrea	Estonia	Ethiopia	Fiji Islands	Gabon	Gambia, The	Georgia	Ghana	Guatemala	Guinea	Guinea-Bissau	Guyana	Haiti	Honduras	Iraq	Jordan	Kenya	Kiribati	Kyrgyz Republic	Laos	Lesotho	Liberia	Macedonia, FYR	Madagascar	Malawi

Attachment 9 Item 2.13

																						Pa	ge £	5 of	f 6				
		Inc. (Dec.) in NDAF						300	200	250						0	150		0			No 0	ovei	nbe	n 2 100	250 [1	Al	MS	ECBT
	Current National	DAF payment						450	300	500						200	450		18706			200			200	500			
	Proposed new discounted	National DAF (2010-2012)	375	200	375	200	250	750	500	750	200	375	375	300	250	200	600	375	18706	200	250	200	250	200	300	750	200	200	
		MA Discount	75%	75%	75%	75%	75%	25%	50%		75%	75%	75%	50%	75%	75%		75%		75%	75%	75%	75%	75%	50%		75%	75%	
untries in blue.)		Computed National DAF	1,500	600	1,500	600	1,000	1,000	1,000		600	1,500	1,500	600	1,000	600		1,500		600	1,000	600	1,000	600	600		600	600	
dfathered cc	Papers	reviewed 2005-2007	0	5	0	22	0	235	31	11	5	5	1	34	1	L	383	22	888	5	0	1	0	0	68	663	0	0	
lor with gran		GNI (in billions)	0.98	6.14	0.20	2.64	0.27	4.32	3.36	3	6.79		6.97	9.66	5.52	3.99	137.1		141.0	5.40	10.23	3.07	0.45	0.14	10.17	34.969	1.54	0.36	
e highlighted in col		GNI per capita	3,200	500	3,070	840	2,470	1,260	1,290	5,180	320	Low income	3,360	340	980	280	930	Low income	870	850	1,670	320	2,430	870	820	4,730	260	730	
(Participating countries are highlighted in color with grandfathered countries in blue.)		Country	Maldives	Mali	Marshall Islands	Mauritania	Micronesia, Fed Sts	Moldova	Mongolia	Montenegro	Mozambique	Myanmar	Namibia	Nepal	Nicaragua	Niger	Nigeria	North Korea	Pakistan	Papua New Guinea	Paraguay	Rwanda	Samoa	Sao Tome and Principe	Senegal	Serbia	Sierra Leone	Solomon Islands	

 Table 1: Countries Participating or Eligible to Participate in the NMRSP

Attachment 9 Item 2.13

1 able 1: Countries Farticipating of Edigible to Farticipate in the NMKSF	icipating of Eligio		pate in the r					of
(Participating countries are highlighted in col	re highlighted in co		idfathered co	or with grandfathered countries in blue.)				r 2
			Papers			Proposed new discounted	Current National	011 A
		GNI (in	reviewed	Computed	MA	National DAF	DAF	Inc. (Dec.)M
Country	GNI per capita	billions)	2005-2007	National DAF	Discount	(2010-2012)	payment	in NDAF S
Somalia	1,203	unknown	0	1,000	75%	250		CB
Sri Lanka	1,540	30.79	25	1,000	75%	250		Т
Sudan	096	37.03	4	1,000	75%	250	200	50
Swaziland	2,580	2.95	L	1,000	75%	250		
Syrian Arab Republic	1,760	34.99	67	1,000	50%	200		
Tajikistan	460	3.10	48	600	50%	300		
Tanzania	400	16.29	10	600	75%	200	200	0
Timor-Leste	1,510	1.60	0	1,000	75%	250		
Togo	360	2.38	5	600	75%	200		
Tonga	2,320	0.23	0	1,000	75%	250		
Tunisia	3,200	32.82	666	1,500	0%	1500	1500	0
Turkmenistan	1,120	12.93	8	1,000	75%	250		
Uganda	340	10.47	27	600	50%	300	200	100
Uzbekistan	730	19.72	491	600	0%	600		
Vanuatu	1,840	0.42	0	1,000	75%	250		
Vietnam	790	67.2	872			600	600	0
West Bank and Gaza	1,230	unknown	0	1,000	75%	250		
Yemen	870	19.42	17	600	75%	200		
Zambia	800	9.48	2	600	75%	200		
Zimbabwe	340	4.47	34	600	50%	300	200	100

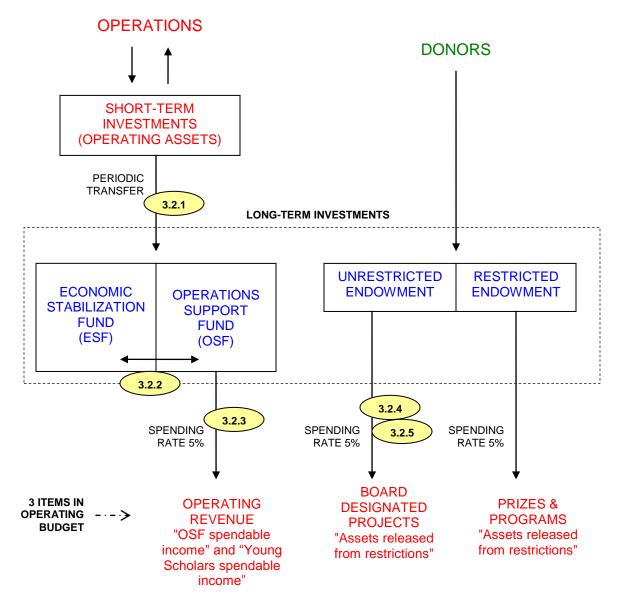
Table 1: Countries Participating or Eligible to Participate in the NMRSP

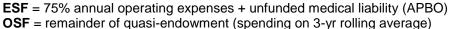
Attachment 9 Item 2.13 Page 6 of 6 November 2

Attachment 10 Item 3.2 Page 1 of 1 November 2011 AMS ECBT

AMS Long-term Investments Cliffs Notes

(For details, see section D of Fiscal Reports)





Rebalanced annually, December 31

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

Values as of:	12/31/10	12/31/09
ESF	\$23.7 M	\$23.1 M
OSF	43.6 M	35.1 M
Unrestricted	5.9 M	5.4 M
Restricted	4.5 M	4.0 M

AMERICAN MATHEMATICAL SOCIETY

Audit Committee Minutes October 6, 2011

<u>Committee members present:</u> John Franks (by Webex), Jane Hawkins, Zbigniew Nitecki, Ronald Stern (by Webex), Karen Vogtmann (by Webex) <u>ECBT members present:</u> Robert Daverman <u>Staff members present:</u> Donald McClure, William Olson, Emily Riley

The meeting started at 10:30am. The following was the agenda item for the meeting:

Selection of Independent Auditors for the Society's 2011 Financial Statements. At the November 2010 meeting, the committee decided to bid out the 2011 fiscal year audit services, which have been provided by KPMG LLP since 1989. A request for proposals was sent to seven auditing firms. At the May Audit Committee meeting, it was agreed that staff would narrow the field to three firms, and the Audit Committee would make a selection from the firms for a three-year audit engagement. The Board of Trustees will vote on the selection at the November meeting. Supporting materials, including the three firms' proposals and a summary of proposal references and other information, are posted to the ECBT website. The three firms will present to the committee in the following order:

10:30 - 10:50 Sullivan & Company LLP
10:50 - 11:10 Sansiveri, Kimball & Co., LLP
11:10 - 11:30 CBIZ Tofias & Mayer Hoffman McCann PC
11:30 - 12:00 Discussion and selection of firm

Each of the firms listed in the agenda spoke for fifteen minutes followed by a five minute question and answer period. Their presentations described characteristics of their firms that differentiated them from others in the field, such as customer service, international tax expertise, staff continuity, and special auditing expertise. The committee members and staff asked questions regarding the firms' experience auditing large endowments, their federal grant auditing expertise, and the amount of time they generally spend in the field auditing a client such as the Society.

After the final presentation, Jane Hawkins stated that although Emily Riley had a top choice among the three firms, the audit committee should have a discussion first about their preference. Each committee member gave his or her opinion. In general, the committee members preferred CBIZ Tofias as the firm with the best fit for the organization, citing their experience with similar clients and international tax expertise. Next, Emily Riley gave her opinion that CBIZ Tofias should be selected because of their unique project management approach, their federal grant audit expertise, and their experience with similar firms. William Olson and Donald McClure agreed with Emily Riley.

The committee unanimously voted to recommend to the Board of Trustees that CBIZ Tofias & Mayer Hoffman McCann PC should be engaged to provide the Society's auditing services. There being no further business, the committee adjourned at 12:10pm.

Attachment to the Audit Committee Minutes, October 6, 2011

The request for proposals (RFP) for audit and tax services for the years 2011 - 2013 were sent out to the following firms:

- 1. Andsager, Bartlett & Pieroni, LLP
- 2. CBIZ Tofias & Mayer Hoffman McCann P.C. Tofias New England Division
- 3. CCR
- 4. Fulchino O'Reilly & Company
- 5. KPMG LLP
- 6. Sansiveri, Kimball, & Co., LLP
- 7. Sullivan & Company

Of the firms, Fulchino O'Reilly did not respond to the RFP. The following is a summary of the fees for each firm:

Firm	Audit Fees	Tax Prep Fees	Future
			increases
Andsager, Bartlett	No proposal	\$7,500 2011	Not
& Pieroni		\$8,000 2012	addressed
		\$8,500 2013	
CBIZ Tofias &	\$60,000 2011	\$8,500 2011	After 3
Mayer Hoffman	\$60,250 2012	\$8,750 2012	years, no
McCann P.C.	\$60,500 2013	\$9,000 2013	more than
	If no A-133, fee is reduced by \$6,000.		5%
	Routine consultations included in the fee.		
CCR	\$58,000 2011	\$5,000 2011	Not
	\$59,000 2012	\$5,000 2012	addressed
	\$61,000 2013	\$5,000 2013	
KPMG	\$65,000 2011 (A-133 is \$12,000)	\$12,500	Not
	\$68,000 2012 (A-133 is \$13,000)	\$13,000	addressed
	\$71,000 2013 (A-133 is \$14,000)	\$13,500	
Sansiveri, Kimball	\$58,000 2011	\$6,000 2011	Not
& Co., LLP	\$59,500 2012	\$6,200 2012	addressed
	\$61,000 2013	\$6,400 2013	
Sullivan & Co.	\$65,000 2011	Included under	Not
	\$67,500 2012 and 2013	audit fees.	addressed.

Report on the Personify Association Management Software Project

Progress continues on the implementation of the Personify association management software from TMA Resources (TMAR), but at a slower pace than projected last May. Two major factors contributed to the slower pace: a delay in the delivery of a new version of Personify and the time required for technical staff to become comfortable with the new development environment.

The second round of data conversion was delayed while TMAR updated their conversion tools to a new version of the product, version7.3.1. Waiting for this version of Personify was important because it contains features that are essential to the Society and the Society would have had to pay for inclusion of these features into 7.3.0.

Technical staff is making progress learning the new development environment. In addition to learning the new Microsoft tools, staff must also learn how they have been used to build Personify. We have contracted with TMAR for additional development support consulting to compensate for the departure of an AMS technical staff member who was specifically hired for his experience with the Microsoft tools. Lack of experience with the development environment has made estimating internal development time difficult, affecting the project schedule.

Major tasks completed in the implementation project include:

- 1. AMS staff has been trained in the use of the Personify conversion tools and have completed a second cycle of data conversion of the five years worth of data we will be moving into Personify.
- 2. TMAR has completed work on the detailed designs for the enhancements to Personify for which the Society will be paying.
- 3. Development of a number of these enhancements has been completed and internal testing at TMAR is being done using a copy of the database created in the second conversion cycle.
- 4. AMS staff has begun development of enhancements to Personify that are being done in-house.
- 5. A number of internal systems are not being replaced by Personify (e.g., publication tracking system, PUBL) and work has started on developing "bridges" between these internal systems and Personify.

In May, the implementation of Personify was scheduled for the Spring of 2012. The current schedule is for implementation in June 2012. If it is determined that the initial runs of 2013 dues renewals and subscription renewals should be performed using the existing system, before conversion to Personify, implementation will be delayed until August 2012.

Thomas Blythe, Chief Information Officer October 2011

Attachment 13 Item 3.8 Page 1 of 5 November 2011 AMS ECBT

BOARD OF TRUSTEES STANDING COMMITTEES

AGENDA AND BUDGET COMMITTEE

(as of February 1, 2012)

Eric Friedlander, Chair (ex officio - President) Robert Daverman (ex officio - Secretary) Jane Hawkins (ex officio - Treasurer) Zbigniew Nitecki (ex officio - Associate Treasurer) Ronald Stern (ex officio - Chair of BT)

AUDIT COMMITTEE

(as of February 1, 2012)

Jane Hawkins, Chair (ex officio - Treasurer) Mark Green (ex officio – third-year Trustee/incoming Chair of BT) Zbigniew Nitecki (ex officio – Associate Treasurer) Ronald Stern (ex officio - Chair of BT)

INVESTMENT COMMITTEE

(as of February 1, 2012)

Jane Hawkins, Chair (ex officio - Treasurer) Zbigniew Nitecki (ex officio - Associate Treasurer) Ronald Stern (February 1, 2009 - January 31, 2014) Rob Taylor (June 1, 2010 - January 31, 2013)

LIAISON COMMITTEE

(NOT A BT COMMITTEE, BUT LISTED HERE FOR CONVENIENCE) (as of February 1, 2012)

Eric Friedlander, Chair (ex officio - President) Robert Daverman (ex officio - Secretary) Jane Hawkins (ex officio - Treasurer) Ronald Stern (ex officio - Chair of BT)

RETIREMENT PLAN INVESTMENT COMMITTEE

(as of February 1, 2012) **Tammy King Walsh, Chair (ex officio – Director of Human Resources)** Zbigniew Nitecki (ex officio – Associate Treasurer) Emily Riley (ex officio – Chief Financial Officer) Karen Vogtmann (ex officio – fifth-year Trustee) Attachment 13 Item 3.8 Page 2 of 5 November 2011 AMS ECBT

SALARY COMMITTEE

(as of February 1, 2012)

Jane Hawkins, Chair (ex officio - Treasurer)

Zbigniew Nitecki (ex officio - Associate Treasurer) Ronald Stern (ex officio - Chair of BT)

EXECUTIVE COMMITTEE AND BOARD OF TRUSTEES STANDING COMMITTEES

DEVELOPMENT COMMITTEE

(as of February 1, 2012)

Ronald Stern, Chair (ex officio - Chair of BT)

Eric Friedlander (ex officio - President) Robert Daverman (ex officio - Secretary) Jane Hawkins (ex officio - Treasurer) Donald McClure (ex officio - Executive Director)

LONG RANGE PLANNING COMMITTEE

(as of February 1, 2012)

Eric Friedlander, Chair (ex officio - President) Ralph Cohen (ex officio - second-year member of EC) Robert Daverman (ex officio - Secretary) Jane Hawkins (ex officio - Treasurer) Bryna Kra(ex officio - third-year member of EC) Donald McClure (ex officio - Executive Director) Ronald Stern (ex officio - Chair of BT)

ECBT NOMINATING COMMITTEE

(as of February 1, 2012)

Mark Green, Chair (ex officio - third-year member of BT) Richard Brualdi (ex officio – Chair of Council Nominating Committee) Bryna Kra (ex officio - third-year member of EC) NOTE: When the position of Secretary is under consideration, the Treasurer is a member of this Committee. When the position of Treasurer is under consideration, the Secretary is a member of this Committee. Attachment 13 Item 3.8 Page 4 of 5 November 2011 AMS ECBT

TRUSTEE APPOINTMENTS TO POLICY COMMITTEES

COMMITTEE ON EDUCATION

Mark Green (February 1, 2012 - January 31, 2013)

COMMITTEE ON MEETINGS AND CONFERENCES

William Jaco (February 1, 2012 - January 31, 2013)

COMMITTEE ON THE PROFESSION

Ronald Stern (February 1, 2012 - January 31, 2013)

COMMITTEE ON PUBLICATIONS

Karen Vogtmann (February 1, 2012 - January 31, 2013)

COMMITTEE ON SCIENCE POLICY

Ruth Charney (February 1, 2012 - January 31, 2013)

Division (Director)	Board Liaisons
Executive Director (McClure)	Bus Jaco
Development	Ron Stern
Human Resources	
Computer Services (Tom Blythe)	Ziggy Nitecki
Information Systems	Mark Green
Information Technology	
Editorial (Sergei Gelfand)	Mark Green
Acquisitions	Karen Vogtmann
Finance (Emily Riley)	Ziggy Nitecki
Facilities and Purchasing	Jane Hawkins
Fiscal	Karen Vogtmann
Mathematical Reviews (Graeme Fairweather)	Ziggy Nitecki
Acquisitions	Ruth Charney
Administration	, i i i i i i i i i i i i i i i i i i i
Associate Editors	
Cataloging	
Copy Editors	
Reviewer Services/ Production	
Slavic Languages	
Information Technology	
Meetings and Professional Services (Ellen Maycock)	Bus Jaco
Meetings and Conferences	Ruth Charney
Membership and Programs	
Public Awareness	
Publishing (Beth Huber)	Mark Green
Distribution	Ron Stern
Member and Customer Services	
Printing	
Production (includes Electronic Prepress	
and Creative Services)	
Sales Administration	
Washington Office (Sam Rankin)	Jane Hawkins
	Ron Stern

TRUSTEE LIAISON ASSIGNMENTS TO DIVISIONS FOR 2012

Attachment 14 Item 3C.3 Page 1 of 3 November 2011 AMS ECBT

RESOLUTION RETIREMENT PLAN INVESTMENT COMMITTEE BOARD OF TRUSTEES

A meeting of the Board of Trustees of American Mathematical Society (the "Employer") was held on the <u>21</u> day of <u>May</u>, 2011, at which a quorum of members was present and acting throughout.

At the meeting, there was considerable discussion with respect to the establishment of a Retirement Plan Investment Committee in connection with the American Mathematical Society Tax-Deferred Annuity Plan and the American Mathematical Society Retirement Plan (the "Plans").

Upon successive motions duly made, and seconded, it was

- VOTED: That the Director of Human Resources (presently Tammy King Walsh), the Chief Financial Officer (presently Emily D. Riley), the Associate Treasurer (presently John Franks) and the fifth year elected member of the Board of Trustees (presently Carol Wood) shall be appointed to serve as the Retirement Plan Investment Committee in connection with the Plans.
- VOTED: That the Director of Human Resources (presently Tammy King Walsh) shall be appointed to serve as the Chair of the Retirement Plan Investment Committee.
- VOTED: That the Employer indemnify and hold harmless each member of its Board of Trustees and the Retirement Plan Investment Committee from liability and expenses arising from his/her official capacity with respect to said Plans, except to the extent that his/her conduct amounts to willful misconduct or gross negligence.

<<signed>>

Secretary

Attachment 14 Item 3C.3 Page 2 of 3 November 2011 AMS ECBT

American Mathematical Society Retirement Plan Investment Committee Charge Page 1 of 2

General Description

- Committee is a standing committee of the Board of Trustees.
- Number of members is four, consisting of the Director of Human Resources (Chair), Chief Financial Officer, Associate Treasurer, and fifth year elected member of the Board of Trustees.

Responsibility

The Committee's primary responsibility is choose and monitor plan funding options in a prudent manner insuring that the Society fulfills its Plan Sponsor responsibilities. The Committee will make reports to the Board concerning its activities at least annually.

Principal Activities

The principal activities of the Committee include:

- Establishing and managing an Investment Policy Statement (IPS) approved by the Board of Trustees.
- Controlling fees and expenses.
- Designing and reviewing Plan investment menus.
- Selecting and terminating funding options.
- Monitoring and documenting Plan investment performance.
- Generating communications to participants when necessary.

Other Activities

The Committee may choose to hire an outside Independent Investment Advisor/Manager to:

- Propose investment options according to criteria established in the IPS.
- Report and review investment options' performance against established peer groups and benchmarks according to frequencies required by the IPS.
- Monitor changes at fund management firms

Miscellaneous Information

The Committee will meet at least annually, but may meet at other times as needed to carry out fiduciary responsibilities.

Staff support for the Committee is provided by the Director of Human Resources and the Chief Financial Officer.

The Society maintains a website with information relevant to the Investment Committee. Such information includes minutes, investment performance information, and other information relating to the Society's investments.

American Mathematical Society Retirement Plan Investment Committee Charge Page 2 of 2

Authorization

May 2011 ECBT Minutes, Item 3.9

Regarding Retirement Plan Administration, the BT approved a recommendation from the Executive Director to establish a Retirement Plan Investment Committee with the following members: Director of Human Resources (Chair), Chief Financial Officer, Associate Treasurer, and fifth year elected member of the BT.

Note to the Chair

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

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

Past Members

Year Members

2011 John M. Franks, Emily Riley, Tammy King Walsh, Carol Wood

Attachment 15 Item 3I.2 Page 1 of 5 November 2011 AMS ECBT

AMENDMENT FOR PENSION PROTECTION ACT, HEART ACT AND WRERA

ARTICLE ONE -- GENERAL APPLICATION

<u>1.1</u> **EFFECTIVE DATE OF AMENDMENT**. This Amendment to the American Mathematical Society Retirement Plan is effective as indicated below for the respective provisions.

<u>1.2</u> **SUPERSEDING OF INCONSISTENT PROVISIONS.** This Amendment supersedes the provisions of the Plan to the extent those provisions are inconsistent with the provisions of this Amendment.

1.3 CONSTRUCTION. Except as otherwise provided in this Amendment, any reference to "Section" in this Amendment refers only to sections within this Amendment, and is not a reference to the Plan. The Article and Section numbering in this Amendment is solely for purposes of this Amendment, and does not relate to any Plan article, section or other numbering designations.

1.4 EFFECT OF RESTATEMENT OF PLAN. If the Employer restates the Plan, then this Amendment shall remain in effect after such restatement unless the provisions in this Amendment are restated or otherwise become obsolete (e.g., if the Plan is restated onto a plan document which incorporates Pension Protection Act of 2006 ("PPA"), the Heroes Earnings Assistance and Relief Tax Act of 2008 ("HEART Act") and the Worker, Retiree, and Employer Recovery Act of 2008 ("WRERA") provisions).

ARTICLE TWO -- PARTICIPANT DISTRIBUTION NOTIFICATION

2.1 **180-DAY NOTIFICATION PERIOD**. For any distribution notice issued in Plan Years beginning after December 31,2006, any reference to the 90-day maximum notice period prior to distribution in applying the notice requirements of Code Sections 402(f) (the rollover notice), 411(a)(11) (Participant's consent to distribution), and 417 (notice under the joint and survivor annuity rules) will become 180 days.

2.2 NOTICE OF RIGHT TO DEFER DISTRIBUTION. For any distribution notice issued in Plan Years beginning after December 31, 2006, the description of a Participant's right, if any, to defer receipt of a distribution also will describe the consequences of failing to defer receipt of the distribution. For notices issued before the 90th day after the issuance of Treasury regulations (unless future Revenue Service guidance otherwise requires), the notice will include: (a) a description indicating the investment options available under the Plan (including fees) that will be available if the Participant defers distribution; and (b) the portion of the summary plan description that contains any special rules that might affect materially a Participant's decision to defer.

ARTICLE THREE -- ROLLOVER OF AFTER-TAX/ROTH AMOUNTS

<u>3.1</u> **DIRECT ROLLOVER TO QUALIFIED PLAN/403(b) PLAN**. For taxable years beginning after December 31, 2006, a Participant may elect to transfer employee (after-tax) or Roth elective deferral contributions by means of a direct rollover to a qualified plan or to a 403(b) plan that agrees to account separately for amounts so transferred, including accounting separately for the portion of such distribution which is includible in gross income and the portion of such distribution which is not includible in gross income.

ARTICLE FOUR -- DIRECT ROLLOVER OF NON-SPOUSAL DISTRIBUTION

<u>4.1</u> **NON-SPOUSE BENEFICIARY ROLLOVER RIGHT**. For distributions after December 31, 2006, a non-spouse beneficiary who is a "designated beneficiary" under Code Section 401(a)(9)(E) and the regulations thereunder, by a direct trustee-to-trustee transfer ("direct rollover"), may roll over all or any portion of his or her distribution to an individual retirement account the beneficiary establishes for purposes of receiving the distribution. In order to be able to roll over the distribution, the distribution otherwise must satisfy the definition of an eligible rollover distribution.

4.2 **CERTAIN REQUIREMENTS NOT APPLICABLE**. Although a non-spouse beneficiary may roll over directly a distribution as provided in Section 4.1, any distribution made prior to January 1, 2010 is not subject to the direct rollover requirements of Code Section 401(a)(31) (including Code Section 401(a)(31)(B), the notice requirements of Code Section 402(f) or the mandatory withholding requirements of Code Section 3405(c)). If a non-spouse beneficiary receives a distribution from the Plan, the distribution is not eligible for a "60-day" rollover.

4.3 **TRUST BENEFICIARY**. If the Participant's named beneficiary is a trust, the Plan may make a direct rollover to an individual retirement account on behalf of the trust, provided the trust satisfies the requirements to be a designated beneficiary within the meaning of Code Section 401(a)(9)(E).

4.4 **REQUIRED MINIMUM DISTRIBUTIONS NOT ELIGIBLE FOR ROLLOVER.** A non-spouse beneficiary may not roll over an amount which is a required minimum distribution, as determined under applicable Treasury regulations and other Revenue Service

Attachment 15 Item 3I.2 Page 2 of 5 November 2011 AMS ECBT

guidance. If the Participant dies before his or her required beginning date and the non-spouse beneficiary rolls over to an IRA the maximum amount eligible for rollover, the beneficiary may elect to use either the 5-year rule or the life expectancy rule, pursuant to Treas. Reg. Section 1.401(a)(9)-3, A-4(c), in determining the required minimum distributions from the IRA that receives the non-spouse beneficiary's distribution.

ARTICLE FIVE --- QUALIFIED RESERVIST DISTRIBUTION

5.1 401(k) DISTRIBUTION RESTRICTIONS. Effective as of September 11, 2001 the Plan permits a Participant to elect a Qualified Reservist Distribution, as defined in this Article Seven.

<u>5.2</u> **QUALIFIED RESERVIST DISTRIBUTION DEFINED.** A "Qualified Reservist Distribution" is any distribution to an individual who is ordered or called to active duty after September 11, 2001, if: (a) the distribution is from amounts attributable to elective deferrals in a 401(k) plan; (b) the individual was (by reason of being a member of a reserve component, as defined in section 101 of title 37, United States Code) ordered or called to active duty for a period in excess of 179 days or for an indefinite period; and (c) the Plan makes the distribution during the period beginning on the date of such order or call, and ending at the close of the active duty period.

ARTICLE SIX -- QUALIFIED OPTIONAL SURVIVOR ANNUITY

6.1 **RIGHT TO ELECT QUALIFIED OPTIONAL SURVIVOR ANNUITY**. Effective with respect to Plan Years beginning after December 31, 2007, a participant who elects to waive the qualified joint and survivor annuity form of benefit, if offered under the Plan, is entitled to elect the "qualified optional survivor annuity" at any time during the applicable election period. Furthermore, the written explanation of the joint and survivor annuity shall explain the terms and conditions of the "qualified optional survivor annuity."

6.2 DEFINITION OF QUALIFIED OPTIONAL SURVIVOR ANNUITY.

(a) <u>General</u>. For purposes of this Article, the term "qualified optional survivor annuity" means an annuity:

(1) For the life of the participant with a survivor annuity for the life of the spouse which is equal to the "applicable percentage" of the amount of the annuity which is payable during the joint lives of the Participant and the spouse, and

(2) Which is the actuarial equivalent of a single annuity for the life of the participant.

Such term also includes any annuity in a form having the effect of an annuity described in the preceding sentence.

(b) <u>Applicable Percentage</u>. For purposes of this Section, the "applicable percentage" is based on the survivor annuity percentage (i.e., the percentage which the survivor annuity under the Plan's qualified joint and survivor annuity bears to the annuity payable during the joint lives of the participant and the spouse). If the survivor annuity percentage is less than 75 percent, then the "applicable percentage" is 75 percent; otherwise, the "applicable percentage" is 50 percent.

ARTICLE SEVEN -- DIRECT ROLLOVER TO ROTH IRA

7.1 **ROTH IRA ROLLOVER**. For distributions made after December 31, 2007, a participant may elect to roll over directly an eligible rollover distribution to a Roth IRA described in Code Section 408A(b).

ARTICLE EIGHT -- QUALIFIED DOMESTIC RELATIONS ORDERS

8.1 PERMISSIBLE QDROS. Effective April 6, 2007, a domestic relations order that otherwise satisfies the requirements for a qualified domestic relations order ("QDRO") will not fail to be a QDRO: (a) solely because the order is issued after, or revises, another domestic relations order or QDRO; or (b) solely because of the time at which the order is issued, including issuance after the annuity starting date or after the Participant's death.

<u>8.2</u> **OTHER QDRO REQUIREMENTS APPLY**. A domestic relations order described in Section 8.1 is subject to the same requirements and protections that apply to QDROs.

ARTICLE NINE --- 401(m) PLAN PROVISIONS

<u>9.1</u> GAP PERIOD INCOME ON DISTRIBUTED EXCESS AGGREGATE CONTRIBUTIONS. This Section applies to excess aggregate contributions (as defined in Code Section 401(m)(6)(B)) made with respect to Plan Years beginning after December 31,2007. The Plan administrator will not calculate and distribute allocable income for the gap period (i.e., the period after the close of the Plan Year in which the excess aggregate contribution occurred and prior to the distribution).

Attachment 15 Item 3I.2 Page 3 of 5 November 2011 AMS ECBT

<u>9.2</u> GAP PERIOD INCOME ON DISTRIBUTED EXCESS DEFERRALS. With respect to excess deferrals (as defined in Code Section 402(g)) made in taxable year 2007, the Plan administrator must calculate allocable income for the taxable year and also for the gap period (i.e., the period after the close of the taxable year in which the excess deferral occurred and prior to the distribution); provided that the Plan administrator will calculate and distribute the gap period allocable income only if the Plan administrator in accordance with the Plan terms otherwise would allocate the gap period allocable income to the Participant's account. With respect to excess deferrals made in taxable years after 2007, gap period income may not be distributed.

<u>9.3</u> **PLAN TERMINATION DISTRIBUTION AVAILABILITY**. For purposes of determining whether the Employer maintains an alternative defined contribution plan that would prevent the Employer from distributing elective deferrals (and other amounts that are subject to the distribution restrictions that apply to elective deferrals) from a terminating plan, an alternative plan includes only a 403(b) plan and does not include a simplified employee pension as defined in Code Section 408(k), a SIMPLE IRA plan as defined in Code Section 408(p), a plan or contract that satisfies the requirements of Code Section 401(k), or a plan that is described in Code Sections 457(b) or (f).

ARTICLE TEN -- HEART ACT PROVISIONS

<u>10.1</u> **DEATH BENEFITS**. In the case of a death occurring on or after January 1, 2007, if a Participant dies while performing qualified military service (as defined in Code Section 414(u)), the survivors of the Participant are entitled to any additional benefits (other than benefit accruals relating to the period of qualified military service) provided under the Plan as if the Participant had resumed and then terminated employment on account of death.

<u>10.2</u> **DIFFERENTIAL WAGE PAYMENTS.** For years beginning after December 31, 2008, (a) an individual receiving a differential wage payment, as defined by Code Section 3401(h)(2), is treated as an employee of the employer making the payment, (b) the differential wage payment is treated as compensation, and (c) the Plan is not treated as failing to meet the requirements of any provision described in Code Section 414(u)(1)(C) by reason of any contribution or benefit which is based on the differential wage payment.

<u>10.3</u> **SEVERANCE FROM EMPLOYMENT**. Notwithstanding Section 12.2(a), for purposes of Code Section 401(k)(2)(B)(i)(I), an individual is treated as having been severed from employment during any period the individual is performing service in the uniformed services described in Code Section 3401(h)(2)(A).

(a) <u>Suspension Of Deferrals</u>. If an individual elects to receive a distribution by reason of severance from employment, death or disability, the individual may not make an elective deferral or employee contribution during the 6-month period beginning on the date of the distribution.

(b) <u>Nondiscrimination Requirement</u>. Section 9.2(c) applies only if all employees of the Employer performing service in the uniformed services described in Code Section 3401(h)(2)(A) are entitled to receive differential wage payments (as defined in Code Section 3401(h)(2)) on reasonably equivalent terms and, if eligible to participate in a retirement plan maintained by the employer, to make contributions based on the payments on reasonably equivalent terms (taking into account Code Sections 410(b)(3), (4), and (5)).

ARTICLE ELEVEN -- WAIVER OF 2009 REQUIRED DISTRIBUTIONS

11.1 **Suspension of RMDs unless otherwise elected by Participant**. Notwithstanding the provisions of the Plan relating to required minimum distributions under Code §401(a)(9), a Participant or Beneficiary who would have been required to receive required minimum distributions for 2009 but for the enactment of Code §401(a)(9)(H) ("2009 RMDs"), and who would have satisfied that requirement by receiving distributions that are (1) equal to the 2009 RMDs or (2) one or more payments in a series of substantially equal distributions (that include the 2009 RMDs) made at least annually and expected to last for the life (or life expectancy) of the Participant, the joint lives (or joint life expectancy) of the Participant and the Participant's designated Beneficiary, or for a period of at least 10 years ("Extended 2009 RMDs"), will not receive those distributions for 2009 unless the Participant or Beneficiary chooses to receive such distributions. Participants and Beneficiaries described in the preceding sentence will be given the opportunity to elect to receive the distributions described in the preceding sentence.

Attachment 15 Item 3I.2 Page 4 of 5 November 2011 AMS ECBT

IN WITNESS WHEREOF, the Employer, by its duly authorized representative, has caused this Amendment to be executed this 2011 day of 3011.

AMERICAN MATHEMATICAL SOCIETY

By Authorized Representative

Attachment 15 Item 3I.2 Page 5 of 5 November 2011 AMS ECBT

ADOPTING RESOLUTION

The following resolutions were approved by American Mathematical Society (the "Employer") with respect to the adoption of an Amendment to the American Mathematical Society Retirement Plan (the "Plan") to comply with the Pension Protection Act of 2006, the Heroes Earnings Assistance and Relief Tax Act of 2008 and the Worker, Retiree, and Employer Recovery Act of 2008.

- RESOLVED: That the Amendment to the Plan be adopted, effective as of the dates specified therein.
- RESOLVED: That the appropriate representatives of the Employer are hereby authorized and directed to execute the Amendment and to take any and all actions necessary or appropriate to effectuate the foregoing resolution, including the making and execution of any subsequent changes or amendments to the Plan.

AMERICAN MATHEMATICAL SOCIETY

By: <u>Emily D. Biley</u> Date: July 26, 2011

Attachment 16 Item 3I.3 Page 1 of 5 November 2011 AMS ECBT

AMENDMENT FOR PENSION PROTECTION ACT, HEART ACT AND WRERA

ARTICLE ONE -- GENERAL APPLICATION

<u>1.1</u> EFFECTIVE DATE OF AMENDMENT. This Amendment to the American Mathematical Society Tax-Deferred Annuity Plan is effective as indicated below for the respective provisions.

<u>1.2</u> SUPERSEDING OF INCONSISTENT PROVISIONS. This Amendment supersedes the provisions of the Plan to the extent those provisions are inconsistent with the provisions of this Amendment.

1.3 CONSTRUCTION. Except as otherwise provided in this Amendment, any reference to "Section" in this Amendment refers only to sections within this Amendment, and is not a reference to the Plan. The Article and Section numbering in this Amendment is solely for purposes of this Amendment, and does not relate to any Plan article, section or other numbering designations.

1.4 **EFFECT OF RESTATEMENT OF PLAN**. If the Employer restates the Plan, then this Amendment shall remain in effect after such restatement unless the provisions in this Amendment are restated or otherwise become obsolete (e.g., if the Plan is restated onto a plan document which incorporates Pension Protection Act of 2006 ("PPA"), the Heroes Earnings Assistance and Relief Tax Act of 2008 ("HEART Act") and the Worker, Retiree, and Employer Recovery Act of 2008 ("WRERA") provisions).

ARTICLE TWO -- PARTICIPANT DISTRIBUTION NOTIFICATION

2.1 **180-DAY NOTIFICATION PERIOD**. For any distribution notice issued in Plan Years beginning after December 31,2006, any reference to the 90-day maximum notice period prior to distribution in applying the notice requirements of Code Sections 402(f) (the rollover notice), 411(a)(11) (Participant's consent to distribution), and 417 (notice under the joint and survivor annuity rules) will become 180 days.

2.2 NOTICE OF RIGHT TO DEFER DISTRIBUTION. For any distribution notice issued in Plan Years beginning after December 31, 2006, the description of a Participant's right, if any, to defer receipt of a distribution also will describe the consequences of failing to defer receipt of the distribution. For notices issued before the 90th day after the issuance of Treasury regulations (unless future Revenue Service guidance otherwise requires), the notice will include: (a) a description indicating the investment options available under the Plan (including fees) that will be available if the Participant defers distribution; and (b) the portion of the summary plan description that contains any special rules that might affect materially a Participant's decision to defer.

ARTICLE THREE -- ROLLOVER OF AFTER-TAX/ROTH AMOUNTS

3.1 **DIRECT ROLLOVER TO QUALIFIED PLAN/403(b) PLAN**. For taxable years beginning after December 31, 2006, a Participant may elect to transfer employee (after-tax) or Roth elective deferral contributions by means of a direct rollover to a qualified plan or to a 403(b) plan that agrees to account separately for amounts so transferred, including accounting separately for the portion of such distribution which is includible in gross income and the portion of such distribution which is not includible in gross income.

ARTICLE FOUR --- DIRECT ROLLOVER OF NON-SPOUSAL DISTRIBUTION

<u>4.1</u> **NON-SPOUSE BENEFICIARY ROLLOVER RIGHT**. For distributions after December 31, 2006, a non-spouse beneficiary who is a "designated beneficiary" under Code Section 401(a)(9)(E) and the regulations thereunder, by a direct trustee-to-trustee transfer ("direct rollover"), may roll over all or any portion of his or her distribution to an individual retirement account the beneficiary establishes for purposes of receiving the distribution. In order to be able to roll over the distribution, the distribution otherwise must satisfy the definition of an eligible rollover distribution.

<u>4.2</u> **CERTAIN REQUIREMENTS NOT APPLICABLE**. Although a non-spouse beneficiary may roll over directly a distribution as provided in Section 4.1, any distribution made prior to January 1, 2010 is not subject to the direct rollover requirements of Code Section 401(a)(31) (including Code Section 401(a)(31)(B), the notice requirements of Code Section 402(f) or the mandatory withholding requirements of Code Section 3405(c)). If a non-spouse beneficiary receives a distribution from the Plan, the distribution is not eligible for a "60-day" rollover.

<u>4.3</u> **TRUST BENEFICIARY**. If the Participant's named beneficiary is a trust, the Plan may make a direct rollover to an individual retirement account on behalf of the trust, provided the trust satisfies the requirements to be a designated beneficiary within the meaning of Code Section 401(a)(9)(E).

<u>4.4</u> **REQUIRED MINIMUM DISTRIBUTIONS NOT ELIGIBLE FOR ROLLOVER**. A non-spouse beneficiary may not roll over an amount which is a required minimum distribution, as determined under applicable Treasury regulations and other Revenue Service guidance. If the Participant dies before his or her required beginning date and the non-spouse beneficiary rolls over to an IRA the

Attachment 16 Item 3I.3 Page 2 of 5 November 2011 AMS ECBT

> maximum amount eligible for rollover, the beneficiary may elect to use either the 5-year rule or the life expectancy rule, pursuant to Treas. Reg. Section 1.401(a)(9)-3, A-4(c), in determining the required minimum distributions from the IRA that receives the non-spouse beneficiary's distribution.

ARTICLE FIVE -- QUALIFIED RESERVIST DISTRIBUTION

5.1 401(k) DISTRIBUTION RESTRICTIONS. Effective as of September 11, 2001 the Plan permits a Participant to elect a Qualified Reservist Distribution, as defined in this Article Seven.

5.2 **QUALIFIED RESERVIST DISTRIBUTION DEFINED.** A "Qualified Reservist Distribution" is any distribution to an individual who is ordered or called to active duty after September 11, 2001, if: (a) the distribution is from amounts attributable to elective deferrals in a 401(k) plan; (b) the individual was (by reason of being a member of a reserve component, as defined in section 101 of title 37, United States Code) ordered or called to active duty for a period in excess of 179 days or for an indefinite period; and (c) the Plan makes the distribution during the period beginning on the date of such order or call, and ending at the close of the active duty period.

ARTICLE SIX -- 401(m) PLAN PROVISIONS

6.1 GAP PERIOD INCOME ON DISTRIBUTED EXCESS AGGREGATE CONTRIBUTIONS. This Section applies to excess aggregate contributions (as defined in Code Section 401(m)(6)(B)) made with respect to Plan Years beginning after December 31, 2007. The Plan administrator will not calculate and distribute allocable income for the gap period (i.e., the period after the close of the Plan Year in which the excess aggregate contribution occurred and prior to the distribution).

6.2 GAP PERIOD INCOME ON DISTRIBUTED EXCESS DEFERRALS. With respect to excess deferrals (as defined in Code Section 402(g)) made in taxable year 2007, the Plan administrator must calculate allocable income for the taxable year and also for the gap period (i.e., the period after the close of the taxable year in which the excess deferral occurred and prior to the distribution); provided that the Plan administrator will calculate and distribute the gap period allocable income only if the Plan administrator in accordance with the Plan terms otherwise would allocate the gap period allocable income to the Participant's account. With respect to excess deferrals made in taxable years after 2007, gap period income may not be distributed.

6.3 **PLAN TERMINATION DISTRIBUTION AVAILABILITY**. For purposes of determining whether the Employer maintains an alternative defined contribution plan that would prevent the Employer from distributing elective deferrals (and other amounts that are subject to the distribution restrictions that apply to elective deferrals) from a terminating plan, an alternative plan includes only a 403(b) plan and does not include a simplified employee pension as defined in Code Section 408(k), a SIMPLE IRA plan as defined in Code Section 408(p), a plan or contract that satisfies the requirements of Code Section 401(k), or a plan that is described in Code Sections 457(b) or (f).

ARTICLE SEVEN -- QUALIFIED OPTIONAL SURVIVOR ANNUITY

7.1 **RIGHT TO ELECT QUALIFIED OPTIONAL SURVIVOR ANNUITY**. Effective with respect to Plan Years beginning after December 31, 2007, a participant who elects to waive the qualified joint and survivor annuity form of benefit, if offered under the Plan, is entitled to elect the "qualified optional survivor annuity" at any time during the applicable election period. Furthermore, the written explanation of the joint and survivor annuity shall explain the terms and conditions of the "qualified optional survivor annuity."

7.2 DEFINITION OF QUALIFIED OPTIONAL SURVIVOR ANNUITY.

(a) <u>General</u>. For purposes of this Article, the term "qualified optional survivor annuity" means an annuity:

(1) For the life of the participant with a survivor annuity for the life of the spouse which is equal to the "applicable percentage" of the amount of the annuity which is payable during the joint lives of the Participant and the spouse, and

(2) Which is the actuarial equivalent of a single annuity for the life of the participant.

Such term also includes any annuity in a form having the effect of an annuity described in the preceding sentence.

(b) <u>Applicable Percentage</u>. For purposes of this Section, the "applicable percentage" is based on the survivor annuity percentage (i.e., the percentage which the survivor annuity under the Plan's qualified joint and survivor annuity bears to the annuity payable during the joint lives of the participant and the spouse). If the survivor annuity percentage is less than 75 percent, then the "applicable percentage" is 75 percent, otherwise, the "applicable percentage" is 50 percent.

Attachment 16 Item 3I.3 Page 3 of 5 November 2011 AMS ECBT

ARTICLE EIGHT --- DIRECT ROLLOVER TO ROTH IRA

8.1 **ROTH IRA ROLLOVER**. For distributions made after December 31, 2007, a participant may elect to roll over directly an eligible rollover distribution to a Roth IRA described in Code Section 408A(b).

ARTICLE NINE -- QUALIFIED DOMESTIC RELATIONS ORDERS

9.1 **PERMISSIBLE QDROS**. Effective April 6, 2007, a domestic relations order that otherwise satisfies the requirements for a qualified domestic relations order ("QDRO") will not fail to be a QDRO: (a) solely because the order is issued after, or revises, another domestic relations order or QDRO; or (b) solely because of the time at which the order is issued, including issuance after the annuity starting date or after the Participant's death.

9.2 **OTHER QDRO REQUIREMENTS APPLY.** A domestic relations order described in Section 9.1 is subject to the same requirements and protections that apply to QDROs.

ARTICLE TEN -- HEART ACT PROVISIONS

<u>10.1</u> **DEATH BENEFITS**. In the case of a death occurring on or after January 1, 2007, if a Participant dies while performing qualified military service (as defined in Code Section 414(u)), the survivors of the Participant are entitled to any additional benefits (other than benefit accruals relating to the period of qualified military service) provided under the Plan as if the Participant had resumed and then terminated employment on account of death.

<u>10.2</u> **DIFFERENTIAL WAGE PAYMENTS.** For years beginning after December 31, 2008, (a) an individual receiving a differential wage payment, as defined by Code Section 3401(h)(2), is treated as an employee of the employer making the payment, (b) the differential wage payment is treated as compensation, and (c) the Plan is not treated as failing to meet the requirements of any provision described in Code Section 414(u)(1)(C) by reason of any contribution or benefit which is based on the differential wage payment.

<u>10.3</u> **SEVERANCE FROM EMPLOYMENT**. Notwithstanding Section 10.2(a), for purposes of Code Section 401(k)(2)(B)(i)(I), an individual is treated as having been severed from employment during any period the individual is performing service in the uniformed services described in Code Section 3401(h)(2)(A).

(a) <u>Suspension Of Deferrals</u>. If an individual elects to receive a distribution by reason of severance from employment, death or disability, the individual may not make an elective deferral or employee contribution during the 6-month period beginning on the date of the distribution.

(b) <u>Nondiscrimination Requirement</u>. Section 10.2(c) applies only if all employees of the Employer performing service in the uniformed services described in Code Section 3401(h)(2)(A) are entitled to receive differential wage payments (as defined in Code Section 3401(h)(2)(A)) on reasonably equivalent terms and, if eligible to participate in a retirement plan maintained by the employer, to make contributions based on the payments on reasonably equivalent terms (taking into account Code Sections 410(b)(3), (4), and (5)).

ARTICLE ELEVEN -- WAIVER OF 2009 REQUIRED DISTRIBUTIONS

11.1 **Suspension of RMDs unless otherwise elected by Participant**. Notwithstanding the provisions of the Plan relating to required minimum distributions under Code §401(a)(9), a Participant or Beneficiary who would have been required to receive required minimum distributions for 2009 but for the enactment of Code §401(a)(9)(H) ("2009 RMDs"), and who would have satisfied that requirement by receiving distributions that are (1) equal to the 2009 RMDs or (2) one or more payments in a series of substantially equal distributions (that include the 2009 RMDs) made at least annually and expected to last for the life (or life expectancy) of the Participant, the joint lives (or joint life expectancy) of the Participant and the Participant's designated Beneficiary, or for a period of at least 10 years ("Extended 2009 RMDs"), will not receive those distributions for 2009 unless the Participant or Beneficiary chooses to receive such distributions. Participants and Beneficiaries described in the preceding sentence will be given the opportunity to elect to receive the distributions described in the preceding sentence.

11.2 **Direct Rollovers.** Notwithstanding the provisions of the Plan relating to required minimum distributions under Code 401(a)(9), and solely for purposes of applying the direct rollover provisions of the Plan, certain additional distributions in 2009 will be treated as eligible rollover distributions. A direct rollover will be offered only for distributions that would be eligible rollover distributions without regard to Code §401(a)(9)(H).

Attachment 16 Item 3I.3 Page 4 of 5 November 2011 AMS ECBT

IN WITNESS WHEREOF, the Employer, by its duly authorized representative, has caused this Amendment to be executed this 2614 day of July

AMERICAN MATHEMATICAL SOCIETY

Biley By: Authorized Representative

Attachment 16 Item 3I.3 Page 5 of 5 November 2011 AMS ECBT

ADOPTING RESOLUTION

The following resolutions were approved by American Mathematical Society (the "Employer") with respect to the adoption of an Amendment to the American Mathematical Society Tax-Deferred Annuity Plan (the "Plan") to comply with the Pension Protection Act of 2006, the Heroes Earnings Assistance and Relief Tax Act of 2008 and the Worker, Retiree, and Employer Recovery Act of 2008.

- RESOLVED: That the Amendment to the Plan be adopted, effective as of the dates specified therein.
- RESOLVED: That the appropriate representatives of the Employer are hereby authorized and directed to execute the Amendment and to take any and all actions necessary or appropriate to effectuate the foregoing resolution, including the making and execution of any subsequent changes or amendments to the Plan.

AMERICAN MATHEMATICAL SOCIETY

By: <u>Filey</u> Diley Date: July 26th, 2011

Attachment 18 Item 2.15 Page 1 of 1 November 2011 AMS ECBT

Report on Program Plan for the AMS Journals Program

Available on request from AMS Headquarters. Send email to ams*at*ams.org.

Appropriated Spendable Income

This version of the plan allocates \$245,000 of the total available funding of \$260,300. The remaining \$15,300 is currently included in the 2012 revenue budget as Miscellaneous Income. At the ECBT meeting, the CFO and Executive Director will have suggestions for ways to use the \$15,300, but we encourage the Board to make suggestions as well.

Each year, the Board approves a list of designated projects that are paid for (in part) by spendable income from the unrestricted endowment. Those projects are selected to represent a variety of activities all of which are consistent with the mission of the Society.

Here are brief descriptions of the projects for 2012 appropriations.

USA Science and Engineering Festival (\$10,000)

The first USA Science and Engineering Festival (USASEF) was held on the Mall in Washington DC in October 2010. It was a large and, by all reports, a very successful event. There were over 500,000 attendees. The festival's mission is to inspire the next generation of scientists and engineers. The AMS will participate in the second USASEF in April 2012 with a "hands-on" exhibit and the *Who Wants To Be A Mathematician*? game.

What's Happening in the Mathematical Sciences, Volume 9 (\$20,000)

Volume 8 of *What's Happening* was published prior to JMM 2011. The goal of this series is to shed light on topics on the leading edge of mathematical research in a way that is accessible to a scientifically literate reader. With Volume 9, we plan to explore ways that we can expand individual member benefits and broaden the distribution of the high-level content of *What's Happening* through electronic distribution.

AAAS Mass Media Fellow (\$10,000)

For the past 12 years, the AMS has supported a graduate student participant in this widely recognized program run by the American Association for the Advancement of Science. The student is placed in a media outlet during the summer and gains experience while providing scientific expertise. The former media fellows frequently contribute to the work of the Public Awareness Office.

AAAS Congressional Fellow (\$90,000)

For several years now the AMS has supported a congressional fellow. Fellows are placed in a congressional office (or equivalent) and spend a year serving that office. Fellows do NOT represent the AMS, but they provide mathematical expertise, in addition to gaining government expertise themselves. The goal is to build a cadre of knowledgeable mathematicians who can serve the interests of mathematics, either inside or outside government.

Attachment 21 Item 3.2.4 Page 2 of 3 November 2011 AMS ECBT

Mathematics Research Communities (\$10,000)

The MRC program is funded (mainly) by a grant from the National Science Foundation, which pays for participant support and the basic cost of operation. We found in the past three years, however, that having a budget for extras not covered by the NSF grant greatly enriched the program. MRC promises to be a gem in the Society's outreach programs, and investing some extra money in those extras will pay great dividends in the future.

Project NExT (\$15,000)

Project NExT is a program run by the MAA (and reviewed elsewhere on this agenda). The AMS provides support for six fellows at \$2,500 each. The ECBT last decided in November 2011 to continue this support through 2013-2014. Pending approval of continued support, these funds will support six fellows in 2012-2013.

SACNAS Sponsorship and Participation (\$10,000)

The AMS continues to support the work of the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS). The AMS sponsors a scientific session at the SACNAS annual meeting and participates in the meeting with the *Who Wants To Be A Mathematician*? game.

MathJax Development (\$10,000)

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

Book Retrodigitization (\$50,000)

The AMS has over three thousand published books on its backlist. All of these have been scanned by Google and many will become available as Google Editions electronic books. The Google Editions are targeted to an individual market and will not address the need to make electronic books available to other markets, specifically libraries. In order to make this vast resource more widely available, we started to carry out pilot projects in 2011 to explore different rich file formats for delivering the books electronically. As a result of work in 2011, electronic versions of more than 500 volumes from the backlist of *Contemporary Mathematics* will be offered to libraries in 2012 and new volumes in the series will be offered to selected libraries as an electronic subscription product in 2012. The digitization project is important for both researchers and libraries. In 2012, projects will start to explore electronic formats that have the flexibility to be repurposed for a variety of distribution formats.

Mathematical Reviews New Product Development (\$20,000)

Mathematical Reviews is planning for the development of new electronic products to fill needs associated with ending publication of paper MR and paper CMP (*Current Mathematical Publications*). Electronic CMP would be a low cost subscription product intended for individuals and institutions that do not have subscriptions to MathSciNet. Electronic MR Sections would be an email/web-based subscription product intended for individuals; it would replace the current paper MR Sections.

Steps Toward Treating ams.org as a Publication

At the ECBT meeting in May, plans for treating the web site ams.org were outlined. Since that time, three things have been accomplished.

Reconstituting the Web Advisory Group

The Web Advisory Group (WAG) was reconstituted to consist of senior staff, the Secretary, and representatives of the mathematical community. The current members are the Executive Director, the Chief Information Officer, the Associate Executive Directors for Publishing and for Meetings and Professional Services and the Secretary. To date, representatives of the mathematical community have not been named, but an ad hoc group did work to create a new policy on the reporting of prizes and awards. The naming of community members is in progress.

The WAG is responsible for broad policy decisions about ams.org. It has played an essential role in resolving two issues. First, there was an incident in which a member of the community felt that inappropriate content (written by a community member) was included on the joint meetings web site, which is hosted by the AMS. The issue was resolved by agreeing to the principle that the site should not contain material that promotes a personal financial interest.

Second, it was important to formulate a new policy for the reporting of prizes and awards. Until now, the web site had followed a policy adopted by *Notices* in the mid-1990s. That policy was no longer appropriate for the web; it had the consequence that some prestigious prizes were not reported on the web at all. With the agreement of the WAG, a committee consisting of Bob Daverman, Eric Friedlander, William Jaco and Bryna Kra reviewed a list of over 200 prizes and recommended different categories for reporting; the most prestigious prizes merit a News Item and other prizes will be reported in a lower key way.

Appointment of Web Editor

The position of Web Editor was defined and posted in May. There were a number of applicants. It was filled by Elizabeth (Beth) Ayer in early July. Beth is a skilled writer and has considerable experience with management of web sites.

Key responsibilities of the position include

- Developing and maintaining working relationships with internal and external content providers;
- Monitoring the editorial quality and performing the work necessary to ensure that information presented meets the Society's goals and is presented in a consistent style;

Attachment 22 Item 2I.5 Page 2 of 2 November 2011 AMS ECBT

- Working with content providers to identify events and "happenings" of interest that should be reflected on the AMS web site;
- Evaluating performance indicators, such as access statistics, event participation and user feedback and reporting on these activities to contributors and to the WAG;
- Ensuring consistency and effectiveness of the graphical presentations; and,
- Providing training and ongoing support to AMS content contributors regarding writing standards and best practices for the web.

Appointment of a Web Editorial Group

Eric Friedlander has advocated for the formation of a Web Editorial Group (WEG) that can give attention to the scientific and mathematical content of the web site. At the CPub meeting in September, CPub endorsed the appointment of a Web Editorial Group, and that process is now in the hands of the President and Secretary.

We plan to have the WEG provide the linkage between the WAG and the mathematical community by helping to fill the positions on the WAG of representatives from the community.

CPub is likely to revisit the question in 2012 of adding ams.org to its regular reviews of publications.

Don McClure Executive Director

American Mathematical Society Committee on Education Meeting October 27-29, 2011 Washington DC

Summary Report

The Committee discussed a number of issues related to mathematics education. The meeting was well attended, with over 50 participants, including 20 chairs and representatives of mathematical sciences department.

The Intel Math Program

Catherine Roberts (College of the Holy Cross) gave a presentation on the Intel Math Program, a professional development course for in-service K-8 teachers designed to strengthen their conceptual understanding of mathematics. She talked about how the program got started, what the course includes, how it is implemented and how it is funded.

Roberts described how the program is designed for each state and district and talked about the impact of the program and the costs involved. She also noted that the program is growing and expanding into other states.

Reforming Math Education: MfA and Others

Irwin Kra (SUNY Stony Brook) talked about the need for teachers skilled in mathematics in this country. Math for America (MfA) was founded to tackle this national problem and bring improved math teaching and learning into our public high schools.

The New York City program is MfA's flagship site and offers four programs: fellowship (started in 2004), master teacher fellowship (started in 2005), early career fellowship (started in 2010), and school leader fellowship (started in 2011). There are six other sites around the country offering various programs (Berkeley, Boston, Los Angeles, San Diego, Utah and Washington, DC). MfA is committed to providing professional enrichment for its fellows, developing leaders and creating a corps of highly-skilled mathematics teachers.

Kra also talked about MfA funding sources and highlighted program successes.

Professional Development and 'Textbook' School Mathematics

Hung Hsi-Wu (University of California at Berkeley) discussed the challenge of maintaining America's leadership in science and technology in the coming decades. He spoke to the need for knowledgeable math and science teachers in American classrooms and blames our universities for not providing our teachers with the mathematical knowledge they need to teach.

He explained what he calls "*textbook* school mathematics" (TSM) ... the need for teachers to teach from the textbook because their university education did not give them the tools and knowledge they need to teach more effectively. Helping teachers to replace their knowledge of TSM with a correct version of school mathematics must be a priority in their professional development.

Attachment 23 Item 2.4 Page 2 of 4 November 2011 AMS ECBT

Wu cited the 2001 CBMS publication, The Mathematical Education of Teachers (MET), as guidance to mathematics departments on how to educate future teachers. He also described the summer institutes for elementary and middle school teachers that he has been conducting each summer since 2000, the goal of which is to replace teachers' knowledge of TSM with a usable version of mathematics.

New Directions in STEM Education at NSF: Cross-Foundation Efforts and Possibilities

Joan Ferrini-Mundy (Directorate for Education and Human Resources, National Science Foundation) presented some background information on the Education and Human Resources Directorate (EHR) at the National Science Foundation and described how the directorate fits into the "One NSF" strategic plan instituted by the new NSF Director. Dual goals of this new plan are to improve science and engineering outcomes by engaging with STEM education and improving STEM education outcomes by engaging with science and engineering research.

Ferrini-Mundy also mentioned some recent NRC publications that prescribe a strong R&D core for the EHR Directorate and she described some successful cross-directorate partnerships. She said that EHR is repositioning itself to become a hub for programs in other directorates to facilitate more collaborative work between directorates that will further the "One NSF" vision.

She also mentioned some new programs at EHR and discussed how the directorate is addressing graduate education needs.

Panel for Discussion on Graduate Education

Zdzisław Jackiewicz (Arizona State University), John McCarthy (Washington University in St. Louis) and Michael Thaddeus (Columbia University) each shared information on the graduate degree programs at their respective institutions. They talked about program history and structure, admissions and degree requirements, training and placements. These presentations were followed by a Q&A period where attendees inquired about advisors, teaching loads and qualifying exams, among other things.

The Vermont Mathematics Initiative: A Model for Improved Mathematics Instruction and Higher Student Achievement

Ken Gross (University of Vermont) discussed the Vermont Mathematics Initiative (VMI), which is committed to ensuring high quality mathematics instruction and high levels of student learning across the state of Vermont. The program consists of two phases: a Master's Degree component designed to train teachers and a District Implementation component which uses the phase one teachers to reach all K-8 teachers in the district.

Gross talked about the program's successes, formal evaluations and collaborations. To date, over 350 teachers have completed the VMI Master's Degree program or are currently enrolled. These teachers represent over 90% of the school districts in Vermont. He also reported that VMI is having an impact beyond Vermont, where the program is proving effective in other settings.

Common Core State Standards

Bill McCallum (University of Arizona) provided background information and an overview of the Common Core State Standards (CCSS) initiative. This effort is led by the National Governors Association Center for Best Practices (NGA Center) and the Council of Chief State School Officers (CCSSO). The standards describe what a student should know within their K-12 education careers so that they will graduate high school and succeed in college and in the workforce.

The standards provide no central clearing house on curriculum, each state and school district decide how to implement the standards on their own. As of October 2011, there are 44 states, plus Puerto Rico and the District of Columbia that have adopted the CCSS.

A Non-Mathematician's Perspective on the Math Prep Crisis

Jim Gates (University of Maryland, College Park) discussed the skills gap in the area of science, technology, engineering and mathematics (STEM). He presented statistical data showing America's place in math and science education and in the attainment of college degrees compared to other countries. The data revealed that the U.S. workforce today is less educated than the generation before it for the first time in 100 years.

Gates also talked about the President's Council of Advisors on Science and Technology (PCAST), an advisory group of the nation's leading scientists and engineers which makes policy recommendations to the President in the areas of science, technology, and innovation. He discussed the STEM education report released by PCAST in September 2010 and its finding and recommendations in K-12 education. He also outlined a new PCAST report that will be finalized soon which examines the first two years of post- secondary education.

Gates also discussed the 'skills-pay gap' between the supply and demand for college educated workers and he talked about some STEM education initiatives designed to increase the number of people trained in STEM fields.

Discussion of K-12 Issues, Courses of Action and/or Recommendation

The committee discussed a number of issues related to K-12 education including whether the AMS should endorse the Common Core State Standards, including encouraging and facilitating AMS members involvement in implementation of the CCSS. A column in the *Notices* authored by the AMS President was suggested.

A webpage highlighting achievements in graduate education was also discussed, as was the idea of a prize that would recognize activities and/or programs that further mathematics education.

Graduate Student Chapters

Eric Friedlander (University of Southern California) presented a draft proposal on AMS Graduate Student Chapters. The proposal for these chapters will be considered by the Executive Committee and Board of Trustees in November 2011 and the Council in January 2012. The AMS would utilize the chapters to encourage graduate students to be involved in the organization and is considering funding the chapters at an amount of up to \$1,000 annually.

Attachment 23 Item 2.4 Page 4 of 4 November 2011 AMS ECBT

The AMS Committee on Education decided to support the establishment of graduate student chapters.

Date of Next Meeting

The date of the next Committee on Education meeting will be October 18-20, 2012. The meeting will be held in Washington, DC.

Submitted by Anita Benjamin American Mathematical Society November 14, 2011

Proposal for the Creation of an AMS Student Chapter Program Revised Draft November 2011

AMS Graduate Working Group: Dan Bates, Kareem Carr, Diana Davis, Eric Friedlander, Douglas Lind, Ellen Maycock, Frank Morgan, Ken Ono, Joseph H. Silverman (chair)

Contents

Section 1: Introduction and Overview	1
Section 2: Student Chapters	2
Section 3: Benefits of Student Chapters	
Section 4: Establishing a New Chapter	
Section 5: Ongoing Activities and Responsibilities	
Appendix A: Petition for the Formation of a Student Chapter of the AMS	
Appendix B: Draft Rules of Procedure	7

Section 1: Introduction and Overview

The American Mathematical Society (AMS) is instituting a program of Student Chapters that will generate interest in the mathematical sciences and encourage students in their mathematical pursuits. These AMS Student Chapters will:

- Receive funding (up to \$500 annually) from the AMS for mathematical activities undertaken by the Student Chapters;
- Offer a focus for small groups of local students to interact among themselves and with more established mathematicians.
- Offer a conduit for resources and advice between the AMS and students in the mathematical sciences.
- Provide a pipeline for future AMS members and their participation in AMS activities and governance.

Such a program of Student Chapters will increase students' awareness of AMS activities and encourage students' current and future involvement in the AMS.

The AMS Student Chapters will initially be established for and by graduate students, although some Chapters may include undergraduate members. We note that at schools that are AMS institutional members, all graduate students are automatically members of the AMS. Standard funding for a chapter will be \$500 per year, but funding up to an additional \$500 per year may be available to particularly successful Chapters. Supplemental requests must describe why the

Attachment 24 Item 2.14 Page 2 of 10 November 2011 AMS ECBT

Chapter needs the money and how many people will participate in the funded activities. Supplemental funding is contingent on availability of funds.¹

Section 2: Student Chapters

An AMS Student Chapter is designed to generate interest in the mathematical sciences and to provide students with opportunities to:

- Share ideas with fellow students and faculty.
- Hone job skills and explore career opportunities.
- Make contacts with students and faculty at their own and at other institutions.
- Invite guest speakers and organize mathematical meetings.
- Sponsor social functions for the mathematical community.
- Attend local AMS meetings as a group.

The AMS Student Chapter program will benefit both graduate students and the AMS in various ways, including:

- Providing a more direct and reliable means of communication between the AMS and graduate student representatives.
- Providing a focal point for graduate student mathematics, which might lead to local funding.
- Heightening awareness and appreciation of the AMS by graduate students.

AMS Student Chapters may be based at a single college or university, or include students at several institutions in a localized area. The AMS encourages Chapters to reach out to other allied departments such as statistics, computer science, physics, and engineering.

Section 3: Benefits of Student Chapters

- The AMS provides up to \$500 per academic year for each Student Chapter to support guest speakers, refreshments for Chapter meetings, and other activities.
- The AMS helps promote Student Chapter activities via listings on the AMS website and links to Chapter websites.
- There may be opportunities to report Chapter activities in the *Notices of the AMS*.
- Chapter events may be scheduled at Sectional and National AMS meetings.
- Faculty advisors and Chapter officers receive periodic updates from the AMS regarding Chapter activities and news.

¹ The total cost to the AMS will depend on how many Chapters are formed and how active they are, plus any administrative costs associated with running the program. We estimate that \$10,000 will be needed during the first year of the program, ramping up to \$75,000 per year when the program is fully operational.

Section 4: Establishing a New Chapter

In order to establish an AMS Student Chapter, the organizers must submit a petition to the AMS Board of Trustees for approval. Below is a list of the information required in the petition. If the petition is approved, a letter of approval will be sent to the faculty adviser and the proposed president.

Petition:

The petition must include the following information:

- Sponsoring Organization (generally a college or university).
- Faculty Advisor, with contact information.
- All students who will be charter members of the Student Chapter, including at least 5 students who are AMS members, with contact information. (Note that at institutional members of the AMS, all graduate students are automatically AMS members.)
- Proposed officers of the Student Chapter.
- Rules of Procedure for the proposed Student Chapter (see below)
- Annual budget for (the first year of) the proposed Student Chapter (see below).

The petition form is included in Appendix A.

Rules of Procedure:

The organizers will need to write up the rules that will govern the proposed Student Chapter. A template that can be adapted to fit the specific needs of the Chapter appears in Appendix B. Alternatively, organizers may use a template that the sponsoring institution provides.

Some of the items that should be covered are:

- Activities
- Institutions from which members will be recruited
- Membership eligibility
- Benefits of membership
- Officers and terms of office
- Executive and other committees (if any)
- Meetings
- Chapter funds
- Dues (if any)

Budget:

The organizing group should develop a budget for the Student Chapter during its initial year. The organizing group should discuss with the appropriate department how to handle funds. The Attachment 24 Item 2.14 Page 4 of 10 November 2011 AMS ECBT

group should also investigate additional sources of funding from departments and the sponsoring institution. It may be necessary to set up a Chapter bank account.

Section 5: Ongoing Activities and Responsibilities

- Annual Final Report: The Student Chapter will provide the AMS a report of its activities each year. This report will be due by June 30 each year. The AMS will provide an online Annual Final Report form that Secretary of the Student Chapter will fill out and submit electronically at the end of each academic year.
- Annual Treasurer's Report: The Student Chapter will provide the AMS with a report of its revenue and expenditures each year. The AMS will provide an online Annual Expense Report form that the Treasurer of the Student Chapters will fill out and submit electronically at by June 30 each year.
- **Request for Funding**: The AMS will provide funding to help Chapters generate interest in mathematics among students on campus. Student Chapters with at least five AMS members may request up to \$500 per academic year from the AMS for Chapter activities, and large chapters with extensive activities may request up to \$500 of additional supplemental funding. The AMS will provide a Request for Funding form that Student Chapters can fill out and submit electronically. Ordinarily, Requests for Funding should be submitted by September 30 of year *n* for the academic year *n* to *n*+1.

Appendix A: Petition for the Formation of a Student Chapter of the AMS

This petition is to be signed by one faculty members at the sponsoring institution who is a member of the AMS and at least 5 students who are either Student or Graduate Student members of the AMS and wish to be members of the Chapter. Sponsoring organizations may include colleges, universities, industry and governmental units.

We, the undersigned, petition the AMS Board of Trustees to approve the formation of a Student Chapter of the AMS at ______(sponsoring institution).

The faculty sponsor for the Chapter, who is a member in good standing of the AMS, will be:

Name (please print)	Signature	Institution	Email	Department
The following indiv Student or Graduate				Student Chapter are either
Name (please print)	Signature	Institution	Email	Department
			_	
	.6			

The following individuals also wish to become members of this Student Chapter. (Additional sheets may be attached.)

Name (please print)	Signature	Institution	Email	Department

Attachment 24 Item 2.14 Page 6 of 10 November 2011 AMS ECBT

List the individuals who will assume the following offices when the petition is approved:

President:

Vice President (optional):

Secretary:

Treasurer:

The positions of Secretary and Treasurer may be held by one person. Officers shall be Student or Graduate Student members in good standing with the AMS.

Please attach a copy of your Rules of Procedure and a budget for the first year of operation of the Student Chapter.

Appendix B: Draft Rules of Procedure

Note: The following is a template that an organizing group can use to design the Rules of Procedure for a proposed Chapter. The organizing group should replace the words in italics with the appropriate information about the proposed Chapter. It is also possible to use a template provided by the sponsoring institution.

Rules of Procedure

This Rules of Procedure (hereinafter called Rules) apply to the AMS Student Chapter called "*insert name of sponsoring institution* Chapter of the AMS." Sponsoring organizations can include colleges and universities, and industry and government units.

The Chapter to which these Rules apply is formed by the American Mathematical Society. The Chapter shall not affiliate with any other organization without first obtaining the written approval of the AMS.

ARTICLE I: PURPOSE

The objectives of the American Mathematical Society (AMS), as established in the Certificate of Incorporation (3 May, 1923), are as follows:

• The particular business and objects of the Society are the furtherance of the interests of mathematical scholarship and research.

Purposes of the Chapter shall be consistent with the objectives of the AMS. *State the specific purposes of the Chapter here.*

ARTICLE II: ACTIVITIES

Briefly describe the activities the organizers intend for the Chapter. Examples might include regular meetings of the Chapter, inviting speakers, trips to conferences, awarding of an annual student prize, community outreach, etc.

ARTICLE III: INSTITUTION SERVED

Specify the institutions from which Chapter members will be recruited.

ARTICLE IV: MEMBERSHIP

IV.1. Any student engaged or interested in mathematics and its applications shall be eligible for membership in this Chapter. The AMS encourages Chapters to be interdisciplinary, including members from multiple departments. *The organizers may wish to specify further (or restrict) those who are eligible for membership, such as juniors and seniors, graduate students, faculty, etc. Organizers are encouraged to require Regular or Student Membership in the AMS.*

IV.2. Annual dues (if any) shall be the responsibility of the Officers or the Executive Committee of the Chapter.

IV.3. The Chapter is responsible for providing a list of its Student and Graduate Student members to the AMS.

IV.4. Insert here provisions for termination of a member in a Chapter by resignation or otherwise, e.g. "Termination of student membership will take place upon graduation or withdrawal from the university or upon failure to pay dues."

ARTICLE V: SPONSORSHIP

Sponsoring Institutions are normally colleges or universities, but may be industry or government units.

V.1. The Sponsor is insert name of college or university.

V.2. The Sponsor of the Chapter shall appoint a Faculty Advisor for the Chapter. In the event said Advisor relinquishes his/her position, the Sponsor shall appoint a new Advisor. The responsibilities, rights and duties of the Faculty Advisor shall be those normally assigned to the Faculty Advisor of student organizations of the Sponsor, Organizers may wish to modify the wording here such that the term of the Faculty Advisor is limited to a fixed period unless re-appointed.

ARTICLE VI: OFFICERS

VI.1. Normally, the Chapter shall have a President, a Vice-President, a Secretary and a Treasurer. Some of these offices can be combined, especially in small Chapters. Officers shall be Student or Graduate Student members in good standing with the AMS.

VI.2. The President shall preside at the meetings of the Chapter (and the Chapter Executive Committee (see Article VII below)). In the absence of the President, the Vice-President shall assume the duties of the President. In the absence of the latter, the Secretary shall assume said duties. *In addition to the duties outlined above for the Vice-President, the organizers may wish to specify additional duties, such as responsibility to meetings or other Chapter activities.*

VI.3. The Secretary shall keep a record of the affairs of the Chapter, handle correspondence, and submit an Annual Final Report of Chapter activities to the Secretary of the AMS each year by June 30.

VI.4. The Treasurer shall receive and take custody of Chapter funds, and shall submit an Annual Treasurer's Report and other financial reports, as requested, to the Treasurer of the AMS no later than June 30 each year.

VI.5. Organizers shall specify the terms of office here. It is suggested that terms of Chapter officers not exceed two years, but re-election of an officer for an additional term should be permissible. Two-year terms permit staggering of terms, which fosters continuity of Chapter management.

ARTICLE VII: OTHER COMMITTEES

VII.1. Organizers shall specify how nominations for officers and other elected officials are to be prepared and submitted. For example: "A Nominating Committee may be appointed by the President with the approval of the Executive Committee; nominees must be eligible as stated in Article VI." Organizers shall also indicate how elections are to be implemented.

ARTICLE VIII: MEETINGS

VIII.1. There shall be at least *indicate the number* meetings per year. *How meeting topics are to be selected and meetings are scheduled and implemented should be indicated here.*

VIII.2. The Chapter shall conduct a business meeting once per year during the month of *specify month*. Other business meetings may be called by the President or the Treasurer on two weeks' notice.

ARTICLE IX: CHAPTER FUNDS

IX.1. The Chapter may levy dues, voluntary or otherwise, collect registration fees for Chapter meetings, and otherwise raise funds in any lawful manner consistent with these Rules. *Chapter policy regarding dues should be inserted here. It is permissible to state that there will be no membership dues.*

IX.2. Although the payment of Chapter dues need not be a criterion for membership in the Chapter, the Chapter may limit the privilege of voting for officers and others holding office to those members of the Chapter who have paid such dues. Insert policy here.

IX.3. The Chapter shall deposit all unused funds to which it has legal title in excess of \$200 in an insured savings account, unless current operating commitments are in excess of that amount or unless the Chapter Treasurer obtains a written authorization from the Treasurer of the AMS.

IX.4. The Treasurer shall maintain books of account that show income and expense items for all activities and balances for all accounts of the Chapter.

IX.5. The Chapter may request a grant or loan from the Treasurer of the AMS. Such requests shall be made by submission of "Request for Funding" form to the AMS and include a current financial statement for the Chapter and a proposed budget for the requested funds.

IX.6. Other than seeking funds from the sponsoring institutions of the Chapter, no officers or member of the Chapter may apply for a grant to support the Chapter activities or enter into any

Attachment 24 Item 2.14 Page 10 of 10 November 2011 AMS ECBT

contract to support such activities or provide services, without approval of the President and the Treasurer of the AMS or the Executive Director of the AMS acting on behalf of the Treasurer.

ARTICLE X: AMENDMENTS

X.1. These Rules may be altered or amended with the approval of the AMS Board of Trustees. Submission to the board of proposal alterations or amendments shall be made only after approval by majority vote of members of the Chapter present (or represented by proxy) at a scheduled meeting. Organizers may wish to include provisions for bringing the notice of the proposed change to the attention of the Chapter members.

ARTICLE XI: TERMINATION OF THE CHAPTER

XI.1. A Chapter may terminate itself by the unanimous vote of the members of the Chapter present (or represented by proxy) at a scheduled meeting, provided that notice of the proposed termination and the meeting at which it is to be considered has been given to all Chapter members at least 30 days in advance.

XI.2. A Chapter may be terminated by the AMS Board of Trustees if there has been no Chapter activity for one year.

XI.3. In the event a Chapter terminates, the funds to which it has legal title shall revert to the account of the AMS.