

Council Minutes

09 January 2001

Abstract

The Council of the Society met at 1:30 p.m. on Tuesday, 09 January 2001, in La Galerie 3 (2nd Floor) at the Marriott Hotel, 555 Canal Street, New Orleans, LA 70310-2300.

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

I MINUTES

1. Call to Order

1.1. Opening of the Meeting and Introductions

The meeting began promptly at 1:30 p.m. President Felix Browder, who presided throughout, called on the members and guests to introduce themselves. The members present were James G. Arthur, Patricia Bauman, Hyman Bass, William Beckner, Felix E. Browder, Robert L. Bryant, Jennifer Tour Chayes, Robert J. Daverman, David Eisenbud, John M. Franks, Susan Friedlander, William Fulton, Martin Golubitsky, Jane Hawkins, Karen H. Parshall, Jonathan M. Rosenberg, Mary Beth Ruskai, Donald Saari, Lesley Sibner, Michael Starbird, B. A. Taylor, Lisa Traynor, Karen Vogtmann, and Lars B. Wahlbin. The voting Associate Secretary was Lesley Sibner. Among the guests present were Donald Babbitt (AMS Publisher), Mike Breen (AMS), Jonathan Borwein (CMS President), Annette Emerson (AMS), John Ewing (AMS Executive Director), Monica Foulkes (AMS), Sandy Golden (AMS), Bret Gordon (NSF), James Heitsch (AMS Committee on Academic Freedom, Tenure and Employment Security), Arthur Jaffe (AMS Committee on Science Policy), Abel Klein (AMS Editorial Boards Committee), Jane Kister (Math. Reviews Executive Editor), Andy R. Magid (AMS Trustee), James W. Maxwell (AMS AED), Louise Raphael (Council Member elect), and Wayne Raskind.

Members elect who were in attendance were given privileges of the floor. The Secretary asked for and received unanimous consent to send thanks to each of them for sharing their wisdom with the Society and the Council and for their service to the mathematical community.

2. Previous Minutes

2.1. Minutes of the April 2000 Council

The minutes of the April 2000 Council were approved as distributed.

2.2. Minutes of Business by Mail

In Business by Mail, dated 29 September 2000, the Council elected members to several editorial committees. Minutes for this business are found in Attachment C. The minutes were approved as corrected (Attachment C contains the minutes, as corrected).

2.3. The 05/2000 and 11/2000 Executive Committee and Board of Trustees (ECBT) Meetings

The ECBT met in Ann Arbor MI in May 2000 and in Providence RI in November 2000. The minutes of those meetings, which had been distributed beforehand, are considered part of the minutes of the Council.

3. Consent Agenda

Items on the Consent Agenda are considered, by the Secretary, to be routine. Upon the request of any member, such an item is moved to the regular part of the agenda for standard treatment.

3.1. Collected Works Editorial Committee

The official number of members on this committee was changed from five to three, to conform to practice of the past six years.

3.2. Interim Committee on the Young Scholars Programs

The name of the Interim Committee on the Young Scholars Program was changed to the Young Scholars Awards Committee.

3.3. AMS-MAA Committee on Cooperation

The official number of members on this committee was changed from fourteen to eight, with its members, all of whom are designated, consisting of the President, Past President or President Elect, Executive Director and Secretary of each of the two organizations. The change reflects practice of the past five years.

3.4. AMS-SIAM Committee to Select the Winner of the Wiener Prize

The committee has the following

General Description

Committee is joint and standing.

Number of members is usually three.

A new committee is appointed for each award.

Added at the end of this description was the phrase "The award is presented by SIAM every third time", to record practice from the inception of the prize.

4. Reports of Boards and Standing Committees

4.1. Tellers= Report on the 2000 AMS Elections

The Society conducted its annual elections in the fall of 2000. The tellers reported that the following individuals were elected in the various categories.

4.1.1. Tellers= Report on the Elections of Officers

Those elected will take office on February 1, 2001. All terms are for three years except that of the Trustee, which is a five year term. The newly elected officers are:

| | | |
|------------------|-------------------|----------------------------------|
| Vice President | Ingrid Daubechies | Princeton University |
| Members at Large | Walter L. Craig | McMaster University |
| | Keith J. Devlin | Saint Mary-s College |
| | Irene Fonseca | Carnegie Mellon University |
| | Alexander Nagel | University of Wisconsin, Madison |
| | Louise A. Raphael | Howard University |

Trustee John B. Conway University of Tennessee, Knoxville

4.1.2. Tellers= Report on Elections to the Nominating Committee

The following were elected to the AMS Nominating Committee. Their terms of office are 01 January 2001 - 31 December 2003.

Irwin Kra, from the State University of New York, Stony Brook
Cora S. Sadosky, from Howard University
Steven H. Weintraub, from Louisiana State University

4.1.3. Tellers= Report on Elections to the Editorial Boards Committee

The following were elected to the AMS Editorial Boards Committee. Their terms of office are 01 February 2001 - 31 January 2004.

Tony F. C. Chan, from the University of California, Los Angeles
Jane P. Gilman, from Rutgers University, Newark

The Council approved the Tellers= Report, which appears as Attachment D.

4.2. Editorial Boards Committee

The Editorial Boards Committee recommended appointments to several editorial committees.

4.2.1. Appointment to the Mathematical Reviews Editorial Committee

The Council approved the appointment of **JONATHAN I. HALL** (Michigan State) and the reappointment of **YUJI ITO** (Keio University, Yokohoma, Japan) as members of the Mathematical Reviews Editorial Committee, each for the three year term beginning 01 February 2001 and ending 31 Jan 2004.

4.2.2. Appointments to the Mathematical Surveys and Monographs Editorial Committee

The Council approved the reappointment of **MICHAEL P. LOSS** (Georgia Tech) as a member of the Mathematical Surveys and Monographs Editorial Committee for a one year term, beginning 01 February 2002 and ending 31 Jan 2003. It also approved his appointment as chair of this editorial committee for a two year term, 01 February 2001 - 31 January 2003.

The Council also approved the appointment of **J. TOBIAS STAFFORD** (Michigan) as a member of the same Editorial Committee for a three year term, beginning 01 February 2001 and ending 31 January 2004.

4.2.3. Appointment to the Proceedings of the AMS Editorial Committee

The Council approved the reappointment of **CHRISTOPHER D. SOGGE** (Johns Hopkins) as a member of the AMS Proceedings Editorial Committee for a three year term, beginning 01 February 2002 and ending 31 Jan 2005 and approved his appointment as Coordinating Editor for Analysis for the four year term 01 February 2001 - 31 January 2005.

4.3. Executive Committee and Board of Trustees

4.3.1. Changes in Dues Form

Upon the recommendation of the Executive Director, the ECBT proposed two changes in the dues form for 2001. In 2000 listed on that form as voluntary contribution items were the AMS Centennial Fellowship Fund, the Program Development Fund, and the IMU Travel Fund, with a suggested contribution of \$25 to the first of these funds and \$5 for the last. The proposal had two parts. One part was to replace the Program Development Fund by the Epsilon Fund for Young Scholars. The other part was to set the recommended amounts for both the Centennial Fellowship Fund and the Epsilon Fund at \$30.

It was moved, seconded and approved to amend the proposal so that the recommended amounts be omitted from the dues statements sent to reciprocity members (foreign members) as it is a Alocal@ program. The amended proposal was approved.

4.3.2. Nominee Membership

Upon recommendations of the Executive Director and the Committee on the Profession, the ECBT also proposed dropping the requirement, approved by Council in January 1998, that graduate students must have completed one year of graduate study to be eligible for nominee membership. Attachment E gives rationale for this change. The Council approved this proposal.

4.3.3. Appointments of Certain AMS Officers

Officers of the Society other than the President Elect, President and Vice Presidents are appointed by the Council, upon recommendation by the ECBT. The ECBT recommended reappointment of two Associate Secretaries.

4.3.3.1. Reappointment of the Associate Secretary for the Central Section

The Council reappointed **SUSAN J. FRIEDLANDER** as Associate Secretary for the Central Section for another two year term beginning 01 February 2002 and ending 31 January 2004.

4.3.3.2. Reappointment of the Associate Secretary for the Western Section

The Council reappointed **BERNARD RUSSO** as Associate Secretary for the Western Section for another two year term beginning 01 February 2002 and ending 31 January 2004.

4.4. Committee on Education

The annual report of the committee is attached was filed with the Council. It can be found in the AMS Committee Report Book as Report Number 001208-017.

4.5. Committee on Meetings and Conferences

The annual report of the Committee on Meetings and Conferences (CoMC) was filed with the Council, and it appears in the AMS Committee Report Book as Report Number 001206-016.

4.5.1. Gibbs Lecture Committee Charge

As part of its review of the overall program at national meetings, CoMC discussed the Gibbs Lecture. In the past this lecture was aimed at the scientifically literate public and was considered an occasion of general

outreach for the Society, but in recent years it seems to have been aimed at a mathematically advanced audience. CoMC wished to promote a return to lectures geared for a broad audience. To that end, CoMC recommended changing the charge of the Gibbs Lecture Committee to read:

To select a candidate to present the Gibbs Lecture in each of two successive years. The lectures are by invitation and are explicitly designated as public lectures. Publicity for the lectures is directed to the local community, including local high schools and universities, and to scientific organizations such as AAAS and Sigma Xi. The publicly stated description of the lectures is as follows:

To commemorate the name of Professor Gibbs, the American Mathematical Society established an honorary lectureship in 1923 to be known as the Josiah Willard Gibbs Lectureship. The lectures are of a popular nature, directed at those who are not professional mathematicians, and are given by invitation. They are usually devoted to mathematics or to some aspect of its general applications. The goal of these lectures is to enable the public and the academic community to become more aware of the beauty and power of mathematics and to gain a clearer understanding of the contribution that mathematics is making to present day thinking and to modern civilization.

After a suggestion that a decreased emphasis on applications might possibly result from such changes to the present charge, it was moved and seconded to amend by inserting the phrase, "Usually in an area of the application of mathematics," set off by commas, after the word "invitation" in the first sentence of the charge. The amendment failed by a 10 -11 vote. The original motion then passed, with one negative vote cast.

4.6. Committee on the Profession

The Committee on the Profession (CoProf) met in Chicago IL on 16 September 2000. Among the topics discussed were possible changes to the bylaws to allow for electronic voting, AMS prize amounts and frequency, and eligibility criteria for the Centennial Fellowships. For each of these, CoProf made recommendations to the Council.

The CoProf annual report was filed with the Council and can be found in the AMS Committee Report Book as Report Number 001205-015

4.6.1. Electronic voting and the AMS Bylaws

The AMS is incorporated in the District of Columbia, where until 2000 the rules governing voting procedures for professional societies and related organizations have required written ballots. Late last year the District passed legislation enabling electronic voting, and CoProf recommended taking advantage of this rule change, for the convenience of AMS members and for possible cost savings. Doing so requires changing the AMS Bylaws, specifically Article VII, Section 2 about its elections. Moreover, should changes be made in that section, it seems prudent to simultaneously insure that alternate voting procedures are tolerated in the conduct of other AMS business, such as when the Council, the Executive Committee and/or the Board of Trustees must act between regularly scheduled meetings.

To implement all this, CoProf endorsed a set of Bylaws changes spelled out in Attachment F. Council voted to present the same set of changes as a ballot item in the 2001 AMS Election, for approval by the membership.

4.6.2. Eligibility Criteria for Centennial Fellowships

A subcommittee of CoProf evaluated the Centennial Fellowship program. The present low number of applicants and the phrasing of eligibility criteria largely in negative terms caused major concerns. CoProf recommended adoption of the following revised eligibility criteria. See Attachment G for background, analysis, subcommittee conclusions, and history.

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

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

A recipient of the fellowship shall have held his or her doctoral degree for at least three years and not more than twelve years at the inception of the award and shall be a citizen or permanent resident of a country in North America.

It was moved and seconded to strike the final clause, beginning with Aand shall be a citizen ...@, replacing it with the sentence, AApplications will be accepted from those currently holding a tenured, tenure track, post-doctoral, or, comparable (at the discretion of the selection committee) position at an institution in North America.@ The amendment passed by a vote of 12 to 10. Council approved the amended motion.

The final paragraph of the criteria now reads:

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

4.6.3. AMS Prizes

As part of its cycle of appraisals of AMS activities involving Recognition and Awards, CoProf examined the array of AMS prizes. Central to its discussion was the fact that endowment income available for funding prizes exceeds expenditures from that endowment. A report detailing the information presented at the meeting and discussed by CoProf is included as Attachment H. Based on that discussion, CoProf recommended that:

The AMS research prizes which are currently awarded once every five years (Birkoff, Bôcher, Cole, Veblen and Weiner Prizes) should be awarded once every three years.

There should be a new prize, for an outstanding research paper having appeared in one of the AMS primary research journals, including electronic journals, during the previous five years.

The Council approved the proposal. The item about a new prize, approved in principle by this action, was returned to CoProf for elaboration.

CoProf also had recommended that the amount of research prizes (including the Satter and Steele Prizes) be raised to a level greater than \$4000 and not exceeding \$7000; in November 2000 the Board of Trustees set \$5000 as the award level for such prizes.

4.7. Committee on Publications

The Committee on Publications (CPub) met in Chicago on 09 September 2000. Among other items on its agenda, it received a report reviewing the health of the *Notices*, received another report on the status of the *Bulletin*, dealt with issues related to electronic posting of journal articles, and discussed a proposal from the Editorial Boards Committee, described in the next subsection, about the appointment process to certain editorial committees.

The CPub annual report was filed with the Council and can be found in the AMS Committee report Book as Report Number 001204-014.

4.7.1. Revising the Appointment Process for Certain Editorial Committees

CPub recommended the following change in the editorial committee appointment process.

The Editorial Boards Committee (EBC) approves members for all AMS editorial committees, subject to final approval by the President, except for the Chief Editor of the *Bulletin*, the Editor of the *Notices*, and the Managing Editors of the *Journal of the AMS*, *Transactions/Memoirs of the AMS*, *Proceedings of the AMS* and *Mathematics of Computation*, which would require approval by the Council.

It was moved and seconded to require Council approval, in addition, for any appointment which also carries automatic appointment to the Council (this would add to the list above the chairs of the Colloquium, Mathematical Reviews, and Mathematical Surveys and Monographs Editorial Committees). The amendment passed.

Then it was moved and seconded to further amend by adding the *Bulletin of the AMS* Book Reviews Editor to the list requiring Council approval, and this amendment passed.

Council voted to approve the twice-amended proposal, which now reads:

The Editorial Boards Committee (EBC) approves members for all AMS editorial committees, subject to final approval by the President, except for the Chief Editor and Book Reviews Editor of the *Bulletin*; the Editor of the *Notices*; the Managing Editors of the *Journal of the AMS*, *Transactions/Memoirs of the AMS*, *Proceedings of the AMS* and *Mathematics of Computation*; and the chairs of the Colloquium Editorial Committee, the Mathematical Reviews Editorial Committee, and the Mathematical Surveys and Monographs Editorial Committee. All of the exceptions mentioned require approval by the Council.

4.8. Committee on Science Policy

The annual report of the committee was filed with the Council and can be found in the AMS Committee Report Book as Report Number 001211-019.

Arthur Jaffe, chair of the committee, commented on priorities for AMS science policy.

4.9. Secretariat (on the National Program Committee)

Council approved a proposal from the Secretariat that the membership of the National Program Committee be changed, by annually including the cognizant Associate Secretary (i.e., the one arranging the AMS portion of a relevant Joint Mathematics Meetings) to the committee as an *ex officio* [voting] member.

4.10. Arnold Ross Lecture Series Committee

The annual report of the committee was filed with the Council. It can be found in the AMS Committee Report Book as Report Number 001028-009.

4.11. Committee on Academic Freedom, Tenure and Employment Security

The annual report of the committee was filed with the Council. It can be found in the AMS Committee Report Book as Report Number 001109-010.

The Committee on Academic Freedom, Tenure and Employment Security (CAFTES) also provided a special report concerning the dismissal of a tenured professor. As it contains confidential material, according to rules of the Council it is not available for general distribution. The report was considered in executive session. It was moved, seconded and passed to express appreciation to CAFTES for its work in assembling the report, to neither accept nor repudiate the report, due to lack of information, and to suggest the matter be taken under consideration by the AAUP. Council also reaffirmed that this special report be treated as a confidential document, not to be circulated.

4.12. Mathematical Reviews Editorial Committee

The annual report of the committee was filed with the Council. It can be found in the AMS Committee Report Book as Report Number 001129-013.

4.13. Short Course Subcommittee

The annual report of the committee was filed with the Council. It can be found in the AMS Committee Report Book as Report Number 001121-012.

4.14. Interim Committee on the Young Scholars Programs

The annual report of the committee was filed with the Council. It can be found in the AMS Committee Report Book as Report Number 001208-018.

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

The Committee met January 2000 in Washington DC during the Joint Mathematics Meetings. The annual report of the committee was filed with the Council. It can be found in the AMS Committee Report Book as Report Number 001109-011.

5. Old Business

There was no Old Business on this agenda.

6. New Business

There was no New Business on this agenda.

7. Announcements, Information and Record

7.1. Budget

The Board of Trustees (BT) adopted the budget for 2001 as presented at the BT meeting of 18 November 2000.

7.2. Public Awareness Office

At the April 2000 Council meeting, the Executive Director indicated that a proposal to create a Public Awareness Office would come before the May 2000 meeting of the Executive Committee and Board of Trustees. The ECBT endorsed that proposal, and over the summer and fall two public awareness officers were hired by the Society. A summary of these events and brief summary of current activities is included in Attachment I.

7.3. Travel Grant for AMS Summer 2000 Meeting

The AMS submitted a grant to provide travel and subsistence for young mathematicians to attend *Mathematical Challenges of the 21st Century*, the special summer 2000 AMS meeting in Los Angeles, CA. The NSF approved the proposal in the amount of \$150,000. A panel of eighteen mathematicians, chaired by Karen E. Smith of the University of Michigan, evaluated 506 applications. 161 applicants were offered funding. The average award of approximately \$940 provided close to full coverage of the expenses incurred by many of these recipients.

7.4. Associate Treasurer Search Committee

B.A. Taylor has indicated that, after serving five terms (ending 31 Jan 2003), he will not accept reappointment for another term as Associate Treasurer. Accordingly, the Executive Committee and Board of Trustees has established an Associate Treasurer Search Committee consisting of Linda Keen, Chair, John Franks, and Robert Daverman. In 2001 Keen will also chair the ECBT Nominating Committee, which makes recommendations about appointment of AMS officers. The Associate Treasurer Search Committee should have a nominee for the post for consideration at the November 2001 ECBT meeting and January 2002 Council meeting.

7.5. Next Council Meeting

The next AMS council meeting will be held Saturday, 21 April 2001, in Washington DC, starting approximately 2:30 p.m. This Council meeting is scheduled in conjunction with the AMS Committee on Science Policy (CSP), which will be in session all of the previous day (Friday, 20 April 2001) and Saturday morning (21 April 2001). All Council members are invited to attend the CSP meeting, and travel support is available. A great deal of information about the federal governance and funding of science is transmitted at the typical science policy committees, and Council members are encouraged to seize this opportunity to see firsthand the first of its policy committees in operation.

At its meeting of 18 November 2001, the AMS Long Range Planning Committee endorsed this idea of direct interaction between the Council and some of its policy committees as a means for improving/ensuring the vitality of the Council. This is the initial iteration. After another iteration or two, an assessment of effectiveness will be made.

7.6. Future Meetings

See the listing of various future meetings under Calendar of Events in Attachment J.

8. Adjournment

The meeting adjourned at 8:50 PM.

II. ATTACHMENTS

ATTACHMENT A

2000 AMS GOVERNANCE

2000 AMS COUNCIL (effective through 1/31/01)

| | | | |
|-----------------------|----------------------|---------------------------------|------|
| President | Felix E. Browder | Rutgers University | 2000 |
| President Elect | Hyman Bass | University of Michigan | 2000 |
| Vice Presidents | James G. Arthur | University of Toronto | 2001 |
| | Jennifer Tour Chayes | Microsoft | 2000 |
| | David Eisenbud | MSRI/Univ. California, Berkeley | 2002 |
| Secretary | Robert J. Daverman | University of Tennessee | 2002 |
| Former Secretary | Robert M. Fossum | University of Illinois | 2000 |
| Associate Secretaries | John L. Bryant | Florida State University | 2002 |
| | Susan Friedlander | Univ. Illinois at Chicago | 2001 |
| | Bernard Russo | Univ. California, Irvine | 2001 |
| | Lesley Sibner | Polytechnic Inst. of NY | 2002 |
| Treasurer | John M. Franks | Northwestern University | 2002 |
| Associate Treasurer | B. A. Taylor | University of Michigan | 2002 |

Representative of Committees

| | | | |
|----------------------------------|--------------------------|---------------------------|------|
| Bulletin Editorial Committee | Donald G. Saari, Chair | Northwestern University | 2001 |
| Colloquium Editorial Committee | Susan Friedlander, Chair | Univ. Illinois at Chicago | 2000 |
| Executive Committee | John B. Conway | University of Tennessee | 2000 |
| Executive Committee | Joel H. Spencer | NYU - Courant Institute | 2001 |
| Executive Committee | Karen Vogtmann | Cornell University | 2002 |
| Journal of the AMS | Carlos E. Kenig, Chair | University of Chicago | 2000 |
| Math Reviews Editorial Committee | Hugh Montgomery, Chair | University of Michigan | 2001 |
| Math Surveys Editorial Committee | Tudor Ratiu, Chair | Univ. CA, Santa Cruz | 2000 |
| Mathematics of Computation Comm. | Lars B. Wahlbin, Chair | Cornell University | 2000 |
| Proceedings Editorial Committee | Clifford Earle, Chair | Cornell University | 2000 |
| Transactions and Memoirs Comm. | William Beckner, Chair | University of Texas | 2003 |

Members at Large

| | | |
|-----------------------|---|------|
| Patricia Bauman | Purdue University | 2002 |
| Haim Brezis | University of Paris XI/Rutgers University | 2001 |
| Robert L. Bryant | Duke University | 2000 |
| Robert A. Fefferman | University of Chicago | 2001 |
| William Fulton | University of Michigan | 2002 |
| Martin Golubitsky | University of Houston | 2002 |
| Jane M. Hawkins | University of North Carolina | 2000 |
| Karen H. Parshall | University of Virginia | 2000 |
| Jonathan M. Rosenberg | University of Maryland | 2002 |
| Mary Beth Ruskai | University of Massachusetts at Lowell | 2000 |
| Donald G. Saari | University of California, Irvine | 2001 |
| Michael Starbird | University of Texas at Austin | 2000 |
| Tatiana Toro | University of Washington | 2001 |
| Lisa Traynor | Bryn Mawr College | 2002 |
| Nolan Wallach | University of California, San Diego | 2001 |

2000 AMS EXECUTIVE COMMITTEE

| | | |
|--------------------|-------------------------|------|
| Hyman Bass | University of Michigan | 2003 |
| Robert L. Bryant | Duke University | 2003 |
| Felix Browder | Rutgers University | 2001 |
| John B. Conway | University of Tennessee | 2000 |
| Robert J. Daverman | University of Tennessee | 2002 |
| Joel H. Spencer | New York University | 2001 |
| Karen Vogtmann | Cornell University | 2002 |

2000 AMS BOARD OF TRUSTEES

| | | |
|---------------------|--------------------------------------|------|
| Roy Adler | IBM Watson Lab | 2002 |
| Felix E. Browder | Rutgers University | 2000 |
| Michael G. Crandall | University California, Santa Barbara | 2000 |
| John M. Franks | Northwestern University | 2002 |
| Eric M. Friedlander | Northwestern University | 2004 |
| Linda Keen | CUNY | 2003 |
| Andy Roy Magid | University of Oklahoma | 2001 |
| B. A. Taylor | University of Michigan | 2002 |

ATTACHMENT B

2001 AMS GOVERNANCE

2001 AMS COUNCIL (effective 2/01/01)

| | | | |
|--------------------------|--------------------|---------------------------------|------|
| President | Hyman Bass | University of Michigan | 2002 |
| Immediate Past President | Felix E. Browder | Rutgers University | 2001 |
| Vice Presidents | James G. Arthur | University of Toronto | 2001 |
| | Ingrid Daubechies | Princeton University | 2003 |
| | David Eisenbud | MSRI/Univ. California, Berkeley | 2002 |
| Secretary | Robert J. Daverman | University of Tennessee | 2002 |
| Associate Secretaries | John L. Bryant | Florida State University | 2002 |
| | Susan Friedlander | Univ. Illinois at Chicago | 2001 |
| | Bernard Russo | Univ. California, Irvine | 2001 |
| | Lesley Sibner | Polytechnic Inst. of NY | 2002 |
| Treasurer | John M. Franks | Northwestern University | 2002 |
| Associate Treasurer | B. A. Taylor | University of Michigan | 2002 |

Representative of Committees

| | | | |
|----------------------------------|--------------------------|---------------------------|------|
| Bulletin Editorial Committee | Donald G. Saari, Chair | Northwestern University | 2001 |
| Colloquium Editorial Committee | Susan Friedlander, Chair | Univ. Illinois at Chicago | 2001 |
| Executive Committee | Robert L. Bryant | Duke University | 2003 |
| Executive Committee | Joel H. Spencer | NYU - Courant Institute | 2001 |
| Executive Committee | Karen Vogtmann | Cornell University | 2002 |
| Journal of the AMS | Carlos E. Kenig, Chair | University of Chicago | 2001 |
| Math Reviews Editorial Committee | Hugh Montgomery, Chair | University of Michigan | 2001 |
| Math Surveys Editorial Committee | Michael P. Loss, Chair | Georgia Tech | 2002 |
| Mathematics of Computation Comm. | Lars B. Wahlbin, Chair | Cornell University | 2000 |
| Proceedings Editorial Committee | Eric Bedford, Chair | Indiana University | 2004 |
| Transactions and Memoirs Comm. | William Beckner, Chair | University of Texas | 2003 |

Members at Large

| | | |
|-----------------------|---|------|
| Patricia Bauman | Purdue University | 2002 |
| Haim Brezis | University of Paris XI/Rutgers University | 2001 |
| Walter L. Craig | McMaster University | 2003 |
| Keith J. Devlin | St Mary's College, CA | 2003 |
| Robert A. Fefferman | University of Chicago | 2001 |
| William Fulton | University of Michigan | 2002 |
| Irene Fonseca | Carnegie-Mellon University | 2003 |
| Martin Golubitsky | University of Houston | 2002 |
| Alexander Nagel | University of Wisconsin | 2003 |
| Louise A. Raphael | Howard University | 2003 |
| Jonathan M. Rosenberg | University of Maryland | 2002 |
| Donald G. Saari | University of California, Irvine | 2001 |
| Tatiana Toro | University of Washington | 2001 |
| Lisa Traynor | Bryn Mawr College | 2002 |
| Nolan R. Wallach | University of California, San Diego | 2001 |

2001 AMS EXECUTIVE COMMITTEE

| | | |
|--------------------|-------------------------|------|
| Hyman Bass | University of Michigan | 2003 |
| Robert L. Bryant | Duke University | 2003 |
| Felix Browder | Rutgers University | 2001 |
| Robert J. Daverman | University of Tennessee | 2002 |
| Joel H. Spencer | New York University | 2001 |
| Karen Vogtmann | Cornell University | 2002 |
| | | 2004 |

2001 AMS BOARD OF TRUSTEES

| | | |
|---------------------|-------------------------|------|
| Roy Adler | IBM Watson Lab | 2002 |
| Hyman Bass | University of Michigan | 2002 |
| John B. Conway | University of Tennessee | 2005 |
| John M. Franks | Northwestern University | 2002 |
| Eric M. Friedlander | Northwestern University | 2004 |
| Linda Keen | CUNY | 2003 |
| Andy Roy Magid | University of Oklahoma | 2001 |
| B. A. Taylor | University of Michigan | 2002 |

ATTACHMENT C

MINUTES OF BUSINESS BY MAIL

**AMERICAN MATHEMATICAL SOCIETY
MINUTES OF THE COUNCIL
BUSINESS BY MAIL
29 September 2000**

In a mail ballot dated September 29, 2000, there were 25 ballots cast by:

James Arthur
Hyman Bass
Patricia Bauman
William Beckner
Felix E. Browder
Jennifer T. Chayes
John B. Conway
Robert J. Daverman
Robert A. Fefferman
Robert M. Fossum
John Franks
William Fulton
Susan Friedlander

Martin Golubitsky
Jane Hawkins
Carlos Kenig
Hugh Montgomery
Karen Parshall
Jonathan M. Rosenberg
Mary Beth Ruskai
Joel Spencer
B.A. Taylor
Tatiana Toro
Lisa M. Traynor
Karen Vogtmann

Section 1. Appointment to the Bulletin of the AMS Editorial Committee.

By a vote of 25 in favor, BHAMA SRINIVASAN (Illinois - Chicago) was reappointed as chair of the Bulletin of the AMS, Book Reviews Committee for a one year term, beginning 01 Feb 2001 and ending 31 Jan 2002.

Section 2. Appointment to the Journal of the AMS Editorial Committee.

By a vote of 25 in favor, RICHARD M. SCHOEN (Stanford) was appointed to the JAMS Editorial Committee for a three year term, beginning 01 Feb 2001 and ending 31 Jan 2004.

Section 3. Appointments to the Mathematical Surveys and Monographs Editorial Committee.

By a vote of 25 in favor, PETER S. LANDWEBER (Rutgers) and TUDOR S. RATIU (Lausanne, Switzerland) were reappointed to the Math Surveys and Monographs Editorial Committee for three year terms, beginning 01 Feb 2001 and ending 31 Jan 2004.

Section 4. Appointments to the Notices of the AMS Editorial Committee.

By a vote of 22 in favor, 3 abstentions, SUSAN C. BRENNER (South Carolina) and RICHARD T. DURRETT (Cornell) were appointed as Associate Editors on the Notices Editorial Committee. By a vote of 22 in favor, 2 opposed, 1 abstention, ROBION C. KIRBY (California - Berkeley) was appointed an Associate Editor on the same editorial committee. By a vote of 24 in favor, 1 abstention, ELLIOT H. LIEB (Princeton) and KAREN E. SMITH (Michigan) were appointed as Associate Editors on this editorial committee. Finally, by a vote of 23 in favor, 2 abstentions, AUDREY TERRAS (UCSD) also was appointed an Associate Editor on the editorial committee. All these appointments were for three year terms, beginning 01 Jan 2001 and ending 31 Dec 2003.

Section 6. (Re) Appointments to the Transactions and Memoirs Editorial Committee.

By a vote of 24 in favor, 1 no vote, LISA CLAIRE JEFFREY (Toronto), SERGEY FOMIN (Michigan) and DUONG H. PHONG (Columbia) were appointed to the Transactions and Memoirs Editorial Committee for four year terms, beginning 01 Feb 2001 and ending 31 Jan 2005. By a vote of 23 in favor,

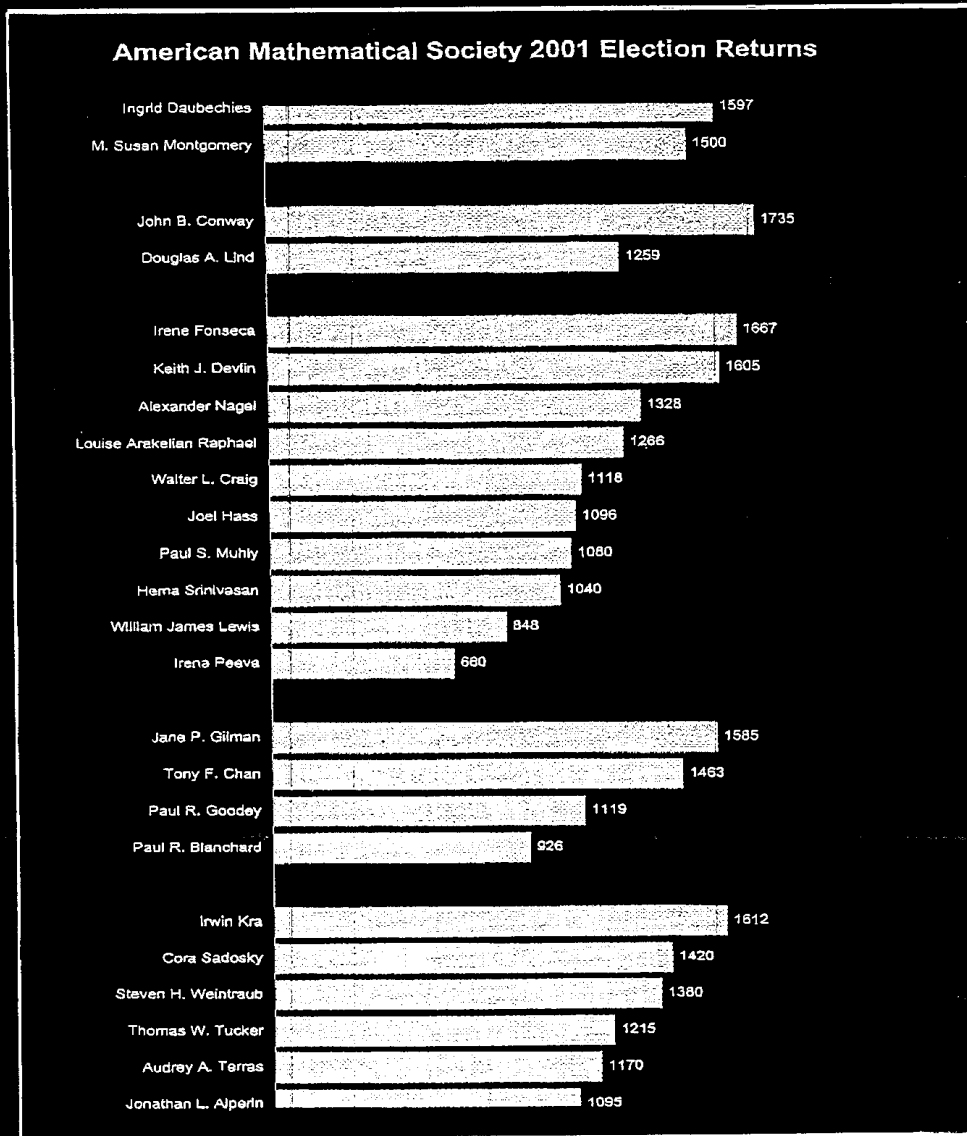
2 abstentions, JOHN E. LUECKE (Texas) was reappointed to the same Editorial Committee for a four month term, beginning 01 Feb 2001 and ending 31 May 2001. By a vote of 24 in favor, 1 abstention, ABIGAIL THOMPSON (California - Davis) was appointed to the Transactions and Memoirs Editorial Committee for a three year, eight month term, beginning 01 June 2001 and ending 31 Jan 2005, and THEODORE A. SLAMAN (California - Berkeley) was reappointed to the same Editorial Committee for a one year term, beginning 01 Feb 2001 and ending 31 Jan 2002.

There was an additional Section 5, concerning appointments to the AMS Proceedings Editorial Committee, results of which are not reported here, as all those appointments were approved directly by the president. Council approves only the Managing Editor and the Contributing Editors on the PAMS Editorial Committee, and none of the appointments on this portion of the ballot were for that category.

Robert J. Daverman
Secretary
November 1, 2000
February 12, 2001 (corrected)

ATTACHMENT D

TELLERS= REPORT ON THE 2000 AMS ELECTIONS



Source: Thomason Company

ATTACHMENT E

Nominee Membership

Nominee Members

Several years ago, the Society made some changes in the dues structure in an effort to expand membership, especially for young mathematicians. Most of those changes (an entry level rate for five years and a higher cut-off between dues levels) decreased dues revenue, at least temporarily. In order to compensate (at least that was part of the reason) the Society changed the criterion for nominee membership, decreasing the number of eligible graduate students and therefore saving the marginal cost of their membership. It may be time to reconsider that decision and its consequences, some of which were unforeseen.

The rationale for the change

Previously, all full-time graduate students of institutional members were eligible for nominee membership. Under the new rules, only those beyond their first year of study are eligible. The description of nominee membership now reads as follows:

"Nominees are individuals appointed by the department of mathematics of member institutions and are considered ordinary individual members of the Society who do not pay dues during the period they are nominees. For institutions with a graduate program in mathematics, all regularly enrolled graduate students who have completed at least one full year of graduate study in mathematics may be nominated for individual membership. This includes those new graduate students at the institution who have completed a year of graduate study in mathematics at another institution."

There were two reasons for the change. First, the marginal cost of a nominee member is approximately \$18 and we estimated that there were about 1200 first year graduate students holding nominee status. Changing the criteria saved the Society about \$21,600 each year, partially recovering the lost revenue from the other changes in dues. Second, a number of people observed that first-year students often were unaware that they were members of the AMS. Piles of unread Notices gathered in departmental mailrooms; Bulletins piled on top of those. By restricting nominee membership to more senior students, the membership itself might appear more valuable.

The effect of the change

Of course, the change in nominee membership rules was made during a time of dramatic decline in the graduate student population. Since 1995 the number of full-time graduate students in mathematics has dropped about 21%, from 12,920 to 10,162. That had a major effect the number of nominee members, which during the same period of time fell about 31%, from 10,190 to 6,994. We recognize therefore that only a portion of the decline came from a change in membership criteria.

The clearest way to understand the effect of the change in rules is to consider the fraction of full-time students who hold nominee membership. In 1995, approximately 79% of all such students were nominee members; in 2000, about 69% were. It seems plausible that this fraction changed *only* because of the change in criteria. Had we made no change, there most likely would be about 8,000 nominee members today.

Unanticipated consequences

Changing dues structure in any way almost invariably has unanticipated consequences, and this was no exception. There are two main problems.

— Complicating the nominating process. Most mathematics departments are understaffed, and providing the names of all nominee members is one more chore among many for the secretarial staff. We try to make the process easy by sending a list of the previous year's nominees and ask that the department cross out those who are no longer eligible and add names of new people. When the target list consists merely of full-time graduate students, this process can be done by almost any of the staff. When the target list consists of students who are beyond the first year[@] (including students who have transferred to the department), the process requires someone who knows how to make decisions. Any complication makes it harder to complete the nominating process.

— Master's degree departments. Most institutional members are not Ph.D.-granting departments, which is easy to forget. For departments that give only a Master's degree, disqualifying all first-year graduate students means disqualifying about half of their graduate students. Understandably, they view the new rules as discriminatory.

We have responded to both of the above problems above by viewing the first-year restriction in a relaxed way. We make no attempt to verify departmental lists of nominee members (and we let departments who inquire know this fact). But applying rules unevenly has its own drawbacks, and there is some concern

about a backlash.

Possible reversion

We made the change in nominee membership at a time when there was great concern about a substantial decrease in dues revenue. Those concerns have proved partially unfounded (although there has been a loss of revenue). Moreover, because the number of mathematics graduate students has decreased dramatically in the past few years, the savings from the changes in nominee members is slightly less than predicted. In view of the unanticipated problems and the changes in demographics, it may be time to reconsider the change.

If estimates are correct, reverting to the previous rules (all full-time students) will add approximately 1000 nominee members at a marginal cost of no more than \$18,000. While this is a substantial amount of money, one might argue that increasing graduate student membership at a time of dramatically decreasing numbers of graduate students is worth the cost. Moreover, cultivating Master's degree departments may become increasingly important in the future. This may be one way to start that cultivation.

John Ewing

ATTACHMENT F

RECOMMENDED CHANGES TO AMS BYLAWS

Subsections with recommended changes are reproduced in their entirety. They are taken only from Articles IV, VII and X. Words to be deleted are marked with an overstrike and in boldface, as in **overstrike**.

In the few instances where there are recommended replacements -- a full sentence in Article VII, Section 2, and the word "sent" on two occasions in Article X -- replacements are reproduced in bold face immediately after the original.

The complete Bylaws can be viewed on the web -- there is a direct link from the Secretary's page on e-Math (see <http://www.ams.org/secretary/bylaws.html>). The Bylaws were published in the November 1999 issue of the *Notices*, pp. 1252-1256.

Article IV

Council

Section 6. Between meetings of the Council, business may be transacted ~~by a mail vote~~. Votes shall be counted as specified in Section 4 of this Article, "members present" being replaced by "members voting". An affirmative vote ~~by mail~~ on any proposal shall be declared if, and only if, (a) more than half of the total number of possible votes is received by the time announced for the closing of the polls, and (b) at least three-quarters of the votes received by then are affirmative. If five or more members request postponement at the time of voting, action on the matter at issue shall be postponed until the next meeting of the Council, unless either (1) at the discretion of the secretary, the question is made the subject of a second vote ~~by mail~~, in connection with which brief statements of reason, for and against, are circulated; or (2) the Council places the matter at issue before the Executive Committee for action.

Section 8. The Council shall also have power to speak in the name of the Society with respect to matters affecting the status of mathematics or mathematicians, such as proposed or enacted federal or state legislation; conditions of employment in universities, colleges, or business, research or industrial organizations; regulations, policies, or acts of governmental agencies or instrumentalities; and other items which tend to affect the dignity and effective position of mathematics.

With the exception noted in the next paragraph, a favorable vote of two-thirds of the entire membership of the Council shall be necessary to authorize any statement in the name of the Society with respect to such matters. With the exception noted in the next paragraph, such a vote may be taken only if written notice shall have been given to the secretary by the proposer of any

such resolution not later than one month prior to the Council meeting at which the matter is to be presented, and the vote shall be taken not earlier than one month after the resolution has been discussed by the Council.

If, at a meeting of the Council, there are present twelve members, then the prior notification to the secretary may be waived by unanimous consent. In such a case, a unanimous favorable vote by those present shall empower the Council to speak in the name of the Society.

The Council may also refer the matter to a referendum ~~by mail~~ of the entire membership of the Society and shall make such reference if a referendum is requested, prior to final action by the Council, by two hundred or more members. The taking of a referendum shall act as a stay upon Council action until the votes have been canvassed, and thereafter no action may be taken by the Council except in accordance with a plurality of the votes cast in the referendum.

Article VII

Election of Officers and Terms of Office

Section 2. The president elect, the vice presidents, the trustees, and the members at large of the Council shall be elected by ~~written~~ ballot. ~~An official ballot shall be sent to each member of the Society by the secretary on or before October 10, and such ballots, if returned to the secretary in envelopes bearing the name of the voter and received within thirty days, shall be counted.~~

The secretary shall send notification to each member of the Society about the slate of candidates and the voting procedure on or before October 10, and legitimate ballots received by an established deadline at least 30 days later will be counted. Each ballot shall contain one or more names proposed by the Council for each office to be filled, with blank spaces in which the voter may substitute other names. A plurality of all votes cast shall be necessary for election. In case of failure to secure a plurality for any office, the Council shall choose by ~~written~~ ballot among the members having the highest number of votes. The secretary, the associate secretaries, the treasurer, and the associate treasurer shall be appointed by the Council in a manner designated by the Council. Each committee named in Article III shall be appointed by the Council in a manner designated by the Council. Each such committee shall elect one of its members as chairman in a manner designated by the Council.

Section 4. On or before February 15, the secretary shall send to all members of the Council ~~for a mail vote~~ a ballot containing two names for each place to be filled on the Executive Committee. The nominees shall be chosen by a committee appointed by the president. Members of the Council may vote for persons not nominated. Any member of the Council who is not an *ex officio* member of the Executive Committee (see Article V, Section 1) shall be eligible for election to the Executive Committee. In case a member is elected to the Executive Committee for

a term extending beyond the regular term on the Council, that person shall automatically continue as a member of the Council during the remainder of that term on the Executive Committee.

Article X

Meetings

Section 1. The annual meeting of the Society shall be held between the fifteenth of December and the tenth of February next following. Notice of the time and place of this meeting shall be **mailed sent**

by the secretary or an associate secretary to ~~the last known post office address of~~ each member of the Society. The times and places of the annual and other meetings of the Society shall be designated by the Council.

Section 5. The Board of Trustees shall hold at least one meeting in each calendar year. Meetings of the Board of Trustees may be called by the president, the treasurer, or the secretary of the Society upon three days' notice of such meetings **mailed sent to the last known post office address of** each trustee. The secretary of the Society shall call a meeting upon the receipt of a written request of two of the trustees. Meetings may also be held by common consent of all the trustees.

ATTACHMENT G

Review of the AMS Centennial Research Fellowship Committee on the Profession September 16, 2000

Background

Over the last few months and with support of AMS staff, the Committee on the Profession (CoProf) has reviewed the Centennial Fellowship, its current eligibility and selection criteria, and recent results. This review was anticipated in 1994-1995 when the current fellowship criteria were implemented through actions of CoProf, the Council and Trustees. CoProf then decided that the new criteria being recommended should be reassessed after they had been in place for a few years. The major change that was made in 1995 for fellowships awarded since 1996 was to redirect the Centennial Fellowship to recent Ph.D.s instead of early mid-career mathematicians.

The fellowship was started in 1975 as the "AMS Research Fellowship" and until 1983 it was awarded to candidates who were no more than four years past the Ph.D. The eligibility criteria were changed in 1984 and again in 1985 and 1990, each time increasing the professional maturity required, as gauged by years past Ph.D. In 1984, the eligibility requirement was 4-10 years past Ph.D., in 1985-89 the requirement was 5-10 years past Ph.D., and in 1990-95 the requirement was 7-12 years past the Ph.D. The criteria have always required that a recipient be a citizen or a permanent resident of a country in North America.

Over the period 1984 through 1995, increasing emphasis was placed on preference for candidates who had not had extensive postdoctoral fellowship support. In 1984, this was simply stated as a requirement that the candidate shall have had some post-Ph.D. non-fellowship work experience. In 1990-95, the criteria required at least three years of post-Ph.D. teaching or industrial experience and further stipulated that the selection committee would give preference to applicants who had not had extensive postdoctoral fellowship support.

In 1994, because of the severe imbalance between numbers of recent Ph.D.s and numbers of available positions in the U.S., it was widely felt that the AMS should consider redirecting the fellowship to younger mathematicians. CoProf established a Subcommittee to Reexamine the AMS Centennial Fellowship Program. The subcommittee recommended changes for the fellowship, which were adopted with modifications by CoProf, ECBT and the Council in spring and summer 1995. Under these current criteria, recipients must have held the Ph.D. for at least two years and must not have tenure; other restrictions place bounds on prior research support. The current criteria are included in Exhibit 1, as approved by the Council in August 1995. A summary showing the evolution of the criteria since 1975 is included in Exhibit 2.

Subcommittee Report

In August 2000, a subcommittee of CoProf was appointed to review statistics and other information prepared by AMS staff concerning experience over the years with the Centennial Fellowship eligibility and selection criteria. The subcommittee was asked to prepare and coordinate discussion at the September CoProf meeting and to propose suggestions, if any, for modifications of the current fellowship criteria. The subcommittee membership was Jonathan Rosenberg (chair, member of CoProf and the Council), Patricia Baumann (member of CoProf and the Council; former recipient of the Centennial Fellowship), and Robert Calderbank (chair of the Centennial Fellowship selection committee for the fellowship years 1996-99). The subcommittee also consulted with Nancy Stanton who chaired the selection committee for 2000-01.

From their report to CoProf, the subcommittee's conclusions are summarized in the following four points

1. The Centennial Fellowship program has been successful over the years in boosting the careers of many deserving young or early mid-career mathematicians. Some of the winners probably would have gone on to do great things with or without the fellowship; others might not

have. But CoProf needs to think hard about what group it really wants to target with this program, and what the purpose of the program should be. Is it to promote the very best research? If so, should the program be similar to, say, the Sloan Fellowships, only on a smaller scale? Or is it to make a difference in the careers of some mathematicians who might not otherwise have gotten fellowship support? Is the target group the young faculty of the top 20 math departments in North America, or a larger segment of the AMS membership?

2. The present eligibility rules are phrased largely in negatives. Candidates may not have tenure, they may not have had 2 years of research support (with a year of a 2-and-1 teaching load counting as a 1/2 year of support); and they may not use the fellowship solely to reduce teaching at their home institution. The result has been a relatively small applicant pool; last year there were only 19 candidates for 4 positions. In addition, phrasing eligibility rules in terms of negatives can have unintended consequences; just as an example, someone arriving from overseas with a substantial track record who got the PhD degree rather late (due to differences in systems) and who didn't yet have official tenure might well rise to the top of the stack, even though that person might not be part of the group that the AMS meant to target with the fellowship.
3. We therefore suggest that the eligibility rules be relaxed, to broaden the class of those who might apply, and that many of the negatives in the rules be replaced by positives. In particular, we think the advertisement for the fellowships should include statements like: "Candidates for the Centennial Fellowship should submit a cogent plan, including some travel to at least one other institution, of how they would use the fellowship. The selection committee will take these plans into account, and will try to award the fellowship to those for whom the award would make a real difference in the development of their research careers. Work in all areas of mathematics, including interdisciplinary work, is eligible. Preference will be given to candidates who have not had extensive fellowship support in the past."
4. We would suggest a target population that includes junior associate professors and not just those untenured, and would aim the program at those who have not had extensive fellowship support. We suggest not automatically excluding those who have had reduced teaching loads, though history of teaching loads might be a valid item for the selection committee to look at.

Analysis by CoProf

CoProf discussed the history of the fellowship and the subcommittee's review and recommendations, highlighting the following points:

- The current low number of applications is a serious concern. Only 15 of the applicants for 2000-01 were eligible, whereas in the five-year period preceding the last change in criteria, the average number of applicants was 35.
- The employment situation that motivated the revision of fellowship criteria in 1995 has changed.
- The number of postdoctoral fellowship opportunities for recent Ph.D.s, including prestigious instructorships, has increased substantially. The number of fellowship opportunities for early mid-career mathematicians is far less than the number available for recent Ph.D.s.

- The Centennial Fellowship is supported by contributions, and any change in criteria is likely to have some effect on donor interest.
- It would be preferable to define the target population with more positive language than is used in the current statement of criteria, which tends to list exclusionary rules.
- The guidelines should articulate the real purpose of the award. In this regard, CoProf supported (i) research excellence as the principal selection criterion and (ii) the importance of awarding the fellowship to a candidate for whom the support would make a real difference in the development of his or her research career.
- The former criteria for the award filled an important need. (The committee reviewed details about recipients of the fellowship since its inception.)
- With a broader Ph.D.-age range, the fellowship could serve both its current and former target groups, and at the same time do a better job of meeting its main objectives of research excellence and career impact.

Recommendation

By unanimous vote, CoProf approved and recommends to the Council the following description of the Centennial Fellowship:

AMS Centennial Research Fellowship

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

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

A recipient of the fellowship shall have held his or her doctoral degree for at least three years and for not more than twelve years at the inception of the award and shall be a citizen or permanent resident of a country in North America.

CoProf also discussed questions about the stipend level for the fellowship. While the stipend is primarily a matter for the Board of Trustees, the committee did support the principle that there should be a single stipend level independent of the rank or seniority of the recipient. CoProf felt that, in view of the current ranges of salaries for competitive junior positions and for early mid-career mathematicians and in view of the different ways that the fellowship might be used at different stages of one's career, it should be possible to define a single stipend level appropriate for the three to twelve year-old Ph.D. age range.

Exhibit 1

Centennial Fellowship Criteria, 1996 to Present

The Council at its meeting on August 5, 1995 approved the following guidelines for the Centennial Fellowship. These criteria for eligibility and selection have been in effect for fellowships awarded since 1996-97.

AMS Centennial Research Fellowships

The AMS Centennial Research Fellowships will be awarded to applicants who are citizens or permanent residents of a country in North America, who will have held their doctoral degrees for at least two years at the time of the award, who do not have permanent tenure, and who will have held less than two years of research support at the time of the award. (Each year of a full time teaching appointment with teaching load less than 4 (resp., 5) courses per year on the semester (resp., quarter) system should count in this respect as one half year of research support.) Recipients may not hold the Centennial Fellowship concurrently with other research fellowships (e.g., Sloan or NSF Postdocs), they may not use the stipend solely to reduce teaching at the home institution, and they are expected to spend some of the fellowship period at another institution which has a stimulating research environment suited to the candidates research development.

The Fellowship provides one year of support which shall equal the median nine month starting salary for teaching or teaching and research of new recipients of doctoral degrees as reported in the most recent AMS-IMS-MAA Annual Survey. There will be a travel allowance equal to 4% of the stipend. Acceptance of the Fellowship cannot be postponed. Fellowship holders may use their stipend as full support for a year, or may combine it with half-time teaching and use it as half support over a two-year period. Applications shall include a short research plan describing both an outline of the research to be pursued and a program for using the fellowship, including institutions at which it will be used and reasons for the choices. The selection committee will base its decision on both the research potential of the applicant based upon track record and letters of recommendation and the quality and feasibility of the research plan.

Exhibit 2

Centennial Fellowship Requirements

| Award Years | Eligibility Criteria |
|--------------------|--|
| 1974 - 1983 | "AMS Research Fellowship" for individuals who have recently received the Ph.D. (This was ordinarily interpreted by the judging panel as meaning no more than 4 years past the Ph.D. degree.) Recipients must be a citizen or permanent resident of a country in North America. |
| 1984 | In April 1983 the ECBT approved the new terms of the fellowship (AMS Research Fellowship) defining early mid-career as 4-10 years past the Ph. D. (or equivalent) regardless of age but below the academic rank of professor. Moreover, the vita must include some post-Ph.D. work experience, i.e. non-fellowship years. |
| 1985 - 1989 | The eligibility changed to 5-10 years past the Ph.D. Moreover, the vita must include the equivalent of at least 3 full years (rather than 2 years) post-Ph.D. teaching or industrial experience, i.e. non-fellowship years. The name of the fellowship was changed to "AMS Centennial Research Fellowship" during this period |
| 1990 - 1995 | The eligibility was changed to 7-12 years from the Ph.D. (or equivalent degree and open to any rank). It is expected that applicants will have had a minimum of 3 years of full-time teaching or comparable industrial experience. In addition, the selection committee will give preference to applicants who have not had extensive post-Ph.D. research support. |
| 1996 - present | The Fellowship will be awarded to applicants who will have held their doctoral degrees for at least 2 years at the time of the award, who do not have permanent tenure, and who will have held less than 2 years of research support at the time of the award. (Each year of a full time teaching appointment with teaching load less than 4 (resp. 5) courses per year on the semester (resp. quarter) system should count in this respect as 1/2 year of research support.) Recipients may not hold the Centennial Fellowship concurrently with other research fellowships (e.g., Sloan or NSF Postdocs), they may not use the stipend solely to reduce teaching at the home institution, and they are expected to spend some of the fellowship period at another institution which has a stimulating research environment suited to the candidates' research development. |

ATTACHMENT H

10/27/00

**Review and Appraisal of Society Activities in the Area of Prizes
 Committee on the Profession
 September 16, 2000**

Pursuant to its charge, the Committee on the Profession has conducted a review and appraisal of AMS activities in the area of Recognition and Awards. Prior to the September 16 meeting, a very careful and informative analysis of spendable income and expenditure from prize fund endowment was prepared by Gary Brownell's office. In addition, the Secretary's web page provided comprehensive information about all AMS prizes and awards. William Beckner and Robert Daverman worked together in advance of the CoProf meeting to prepare and coordinate discussion at the meeting.

This report summarizes the information presented at the meeting and discussed by CoProf.

One issue that currently needs to be addressed is the imbalance between endowment income available for funding prizes and the rate of expenditure. At the end of 2000, the AMS is projected to have about \$68,000 of unspent prize fund income. The balance is expected to grow, even with modest rates of return, unless some steps are taken to use the unspent income. Thus there is an opportunity for the AMS to be doing more than it currently is in the awarding of prizes. CoProf concentrated on discussion of a number of alternatives.

The current prizes, the frequency with which they are offered, and their scope are summarized in the following table¹:

| Prize | Frequency/Amount | Area | Notes |
|-----------------------------|-------------------------|---|--|
| Birkhoff | 1 every 5 years, \$4000 | Applied Mathematics | Joint with SIAM |
| Bôcher | 1 every 5 years, \$4000 | Analysis: awarded for notable research memoir in analysis in a North American Journal | |
| Cole Prize in Algebra | 1 every 5 years, \$4000 | Algebra | |
| Cole Prize in Number Theory | 1 every 5 years, \$4000 | Number Theory | |
| Satter | 1 every 2 years, \$1200 | Unrestricted | For outstanding contribution to math research by a woman |
| Steele (1) | Annual, \$4000 | Unrestricted | Lifetime Achievement |
| Steele (2) | Annual, \$4000 | Unrestricted | Mathematical Exposition |
| Steele (3) | Annual, \$4000 | Unrestricted | Seminal Contribution |
| Veblen | 1 every 5 years, \$4000 | Geometry or Topology | |
| Wiener | 1 every 5 years, \$4000 | Applied Mathematics | Joint with SIAM |

¹ The first 11 prizes in this table (Birkhoff through Fulkerson) are similar in that they can be funded from a common pool of endowment income, the largest part of which is generated by the Steele fund. The last 6 prizes and awards are not funded from this general pool.

AMS Prizes

10/27/00

| | | | |
|----------------------------------|---|------------------------|--|
| Fulkerson | Extinct (funds exhausted) | Discrete Mathematics | Joint with Mathematical Programming Society |
| Conant | Annual, \$1000 | | For best expository paper in <i>Notices</i> or <i>Bulletin</i> |
| Morgan | Annual, \$1000 | | Undergraduate research |
| Public Service Award | 1 every 2 years, \$4000 | | For research mathematician in recognition of distinguished public service |
| Public Service Citation | 1 to 3 citations may be awarded annually, \$500 | | For notable contributions to the mathematics profession |
| AAS-AMS-APS Public Service Award | Annual, \$0 | | For a public figure in recognition of sustained and exceptional contributions to public policies; Joint with AAS and APS |
| Whiteman | 1 every 4 years, \$4000 | History of Mathematics | |

A variety of ideas for more fully utilizing the available resources were discussed including a new Super prize, increasing the dollar amount of prizes, increasing the number of Steele prizes, increasing the number of recipients, new prizes, and, when a prize is awarded to multiple recipients, giving the full award amount to each recipient.

The suggestion for a Super prize was not generally supported in CoProf's discussion; most of the opinions expressed were negative. It was pointed out, however, that big prizes do serve a useful role in terms of heightening public attention and awareness. The example of the Clay Fund challenges was mentioned.

The committee considered voids that might not be covered by the current prizes. For example, are there broad areas of mathematics where new prizes should be established? CoProf did discuss at some length the suggestion to propose a prize for an outstanding paper in one of the AMS primary research journals, including electronic journals, in the past five years. Concern was weighed in the discussion that such a prize might appear to be rather self-serving. Is the AMS recognizing the distinguished work of the prize recipient or promoting its own journals? The general consensus of the discussion was that there is a vast amount of research in the journals in a five-year period and that the promotional issue was a relatively insignificant one.

There was not broad support for increasing the number of recipients of awards in a given year. However a very positive effect might be achieved by offering the awards for research more frequently than every five years. This would increase the number of recipients overall, not detract from the luster of a prize in a given year, and is a worthy mechanism for using some of the unspent income.

10/27/00

CoProf further supported the suggestion to increase the dollar amount of the prizes. The current prevailing level of \$4,000 was set in 1992. At that time, a review of prizes had actually recommended a standard level of \$5,000. While it was not CoProf's proper role to be carrying out the financial analysis or approving and recommending the precise level of awards, the committee did support setting a new higher level somewhere between \$4,000 and \$7,000. The decision will require financial analysis and action by the Trustees.

CoProf approved three points to be recommended to the Council and ECBT for action:

- Award the research prizes² once every three years, instead of once every five years;
- Increase the amount of the research prizes to a level greater than \$4,000 and not exceeding \$7,000; and
- Propose a new prize for an outstanding research paper having appeared in one of the AMS primary research journals, including electronic journals, during the previous five years. (The process for generating such a proposal will include articulation of all details of the award.)

In other discussion, Robert Daverman reported that current procedures for awarding prizes work quite well.

CoProf supported the general practice of assuring that there be a regular rotation of the membership on the various prize committees. In this regard, the mechanism for appointing new members to the selection committee for the Bergman prize has been complicated because it requires coordination with a bank trust officer. The membership of the committee has not changed for some time and should be renewed.

Robert Daverman also reported that it is difficult to provide clear instructions for the AMS Award for Distinguished Public Service and for the AMS Citation for Public Service. Since both of these were established at the behest of the Committee on Science Policy, it would seem appropriate for CSP and the Council to clarify the award criteria with the Secretary.

² The term "research prizes" recurred in CoProf's discussion. The prizes encompassed by this general description need to be specified.

Report on the Public Awareness Office

Public Awareness Update
December 2000

During the past year, the Society has established its new Public Awareness Office, hiring two people and beginning to work on specific projects. Initially, much of the work is preliminary, trying to make connections with the press, with other public awareness programs in the science community, and with other efforts underway in mathematics, worldwide.

Mike Breen began work as Public Awareness Officer in September. Mike holds an appointment at Tennessee Technical University as Associate Professor, works in semigroups, and has some college experience working with the press. He has worked on a number of projects during the fall, but a large portion of his time has been devoted to planning for the Joint Meeting in January. Establishing our meetings as both profitable and inviting events for the press will require time, but we have to initiate the process. Mike is also looking for opportunities, and anyone with knowledge about ongoing public awareness activities should contact him directly.

Annette Emerson moved from her position as head of our Promotions Department to become a Public Awareness Officer in early December. Annette has been with the Society for over 5 years, and she has a great deal of experience in public relations and promotions. She worked closely with the AMS Programs and Services Department in the past to create materials for members, students, and young mathematicians.

Over the next year the Public Awareness Office will begin to formulate a list of ongoing activities and special projects. One major project is already underway --- our participation in a joint effort of several societies called Discoveries and Breakthroughs. This is carried out primarily by the American Institute of Physics, producing television spots for local newscasts on science and mathematics. The AMS is participating both with a financial contribution and our role in advising the creators about content.

In addition to its role in promoting mathematics, the office also will make the scientific community aware of the Society.

A partial list of activities, either already underway or proposed for the coming year, is included below:

- . News releases.
- . News clippings.
- . Meetings publicity.
- . Press room and special programs at meeting.
- . Liaison with What's New editor.

- . Liaison with Math on Web editor.
- . Staff contact for Arnold Ross lectures.
- . Staff contact for AIP Discoveries and Breakthroughs project.
- . Creation of mathematics snapshots (material for agencies and mathematicians to use for the public)
- . Work with Washington office on Media Fellows.
- . Cultivation of reporters and science writers.
- . Establishing contacts with other societies and institutes
- . Establishing contacts with university programs.
- . Establishing contacts with science museums.
- . Brochures on AMS outreach programs.
- . Occasional Newsletter.

The program should be fully functional and more clearly developed by the end of 2001. It is already making a difference, however.

ATTACHMENT J

CALENDAR OF EVENTS

This file provides a list of dates and sites of various meetings, holidays, and holy days (mainly the ones that AMS staff needs to be aware of for the purpose of scheduling AMS meetings). It includes meetings of AMS Council, ECBT, ABC, Policy Committees, etc. It is a helpful reference when you are trying to schedule meetings and want to avoid conflict with other meetings that have already been scheduled. This file is NOT INTENDED TO BE ALL-INCLUSIVE and SHOULD BE USED IN CONJUNCTION WITH the lists of "Other Mathematical Meetings and Activities" that can be found in the "Meetings and Conferences" section of e-MATH at <http://www.ams.org/meetings/>.

Please notify SJR@AMS.ORG, EHH@AMS.ORG, or RES@AMS.ORG of any changes or additions that should be made to this file.

| <u>DATE</u> | <u>MEETING/HOLIDAY/HOLY DAY</u> | <u>SITE</u> |
|-------------------------------|---|---|
| December 13-16, 2000 | Joint International Meeting | Hong Kong, China |
| December 21-22, 2000 | Hanukkah | |
| December 25, 2000 | Holiday - Christmas | |
| January 1, 2001 | Holiday - New Year's Day | |
| January 15, 2001 | Holiday - Martin Luther King Day | Note: AMS RI & DC offices closed; MI open |
| January 9, 2001 | AMS Council Meeting | New Orleans, LA |
| January 10-13, 2001 | AMS-MAA Annual Meeting | New Orleans, LA |
| February 5-7, 2001 | Professional Scholarly Publishing (PSP) Annual Conference | Washington, DC |
| February 7-8, 2001 | Association of American Publishers (AAP) Annual Meeting | Washington, DC |
| February 7, 2001 | 3rd Annual Meeting for Small and Independent Publishers (SIP) | Washington, DC |
| February 15-20, 2001 | American Association for the Advancement of Science (AAAS) Annual Meeting | San Francisco, CA |
| February 27- March 3, 2001 | Council of Engineering & Scientific Society Execs. (CESSE) Mid-winter Meeting | Waikoloa, HI |
| March 16-18, 2001 | AMS Sectional Meeting @ Univ. of South Carolina | Columbia, SC |
| March 23, 2001 | AMS Secretariat Meeting | Chicago, IL |
| March 24, 2001 | AMS Committee on Meetings & Conferences(COMC) Meeting | Chicago, IL |
| March 30, 2001 | AMS Agenda & Budget Committee (ABC) Meeting | Providence, RI |
| March 30-31, 2001 | AMS Sectional Meeting | Lawrence, KS |

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| | @ Univ. of Kansas | |
| April 1, 2001 | Daylight Savings Time Begins | |
| April 4-7, 2001 | National Council of Teachers of Mathematics (NTCM) Annual Meeting | Orlando, FL |
| April 8, 2001 | Palm Sunday/Passover | |
| April 13, 2001 | Good Friday | |
| April 15, 2001 | Easter Sunday | |
| April 20-21, 2001 | AMS Committee on Science Policy (CSP) Meeting | Washington, DC |
| April 21, 2001 | AMS Council Meeting | Washington, DC |
| April 21-22, 2001 | AMS Sectional Meeting @ University of Nevada | Las Vegas, NV |
| April 28-29, 2001 | AMS Sectional Meeting @ Stevens Institute of Tech. | Hoboken, NJ |
| May 13, 2001 | Mother's Day | |
| May 17, 2001 | AMS Committee on Committees Meeting | Providence, RI |
| May 18-19, 2001 | AMS Executive Committee & Board of Trustees (ECBT) Meeting | Providence, RI |
| May 23-26, 2001 | AMS-SMM Joint International Meeting | Morelia, Mexico |
| May 28, 2001 | Holiday-Memorial Day | |
| May 28-30, 2001 | 2001 International Conference on Computational Science (cosponsored by AMS) | San Francisco, CA OR Arlington, VA |
| June 2-4, 2001 | United States of America Mathematical Olympiad (USAMO) | Washington, DC |
| June 17, 2001 | Father's Day | |
| June 30-July 14, 2001 | IMO 2001 USA Meeting @ George Mason University | Washington, DC |
| July 4, 2001 | Holiday-Independence Day | |
| July 9-13, 2001 | SIAM Annual Meeting | San Diego, CA |
| June 9-14, 2001 | Special Libraries Association (SLA) Annual Conference | San Antonio, TX |
| July 17-20, 2001 | Joint AMS-SMF International Meeting | Lyons, France |
| July 17-20, 2001 | Council of Engineering and Scientific Society Executives (CESSE) Annual Meeting | Houston, TX |
| August 2-4, 2001 | Mathematical Association of America (MAA) Mathfest | Madison, WI |
| August 13, 2001 | Holiday-Victory Day | AMS RI office closed; DC & MI open. |
| September 3, 2001 | Holiday-Labor Day | |

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| September 8, 2001 | AMS Committee on Publications (CPub) Meeting | Providence, RI |
| September 18-19, 2001 | Rosh Hashanah | |
| September 21-23, 2001 | AMS Sectional Meeting @ Ohio State University | Ohio |
| September 22, 2001 | Committee on the Profession (CoProf) Meeting | Chicago, IL |
| September 27, 2001 | Yom Kippur | |
| October 1-2, 2001 | Tentative-Mathematical Reviews Editorial Committee (MREC) Meeting | Ann Arbor, MI |
| October 2-3, 2001 | Sukkot (first two days of Tabernacles) | |
| October 5, 2001 | AMS Agenda & Budget Committee (ABC) Meeting | Providence, RI |
| October 5-6, 2001 | AMS Sectional Meeting @ University of Tennessee | Chattanooga, TN |
| October 8, 2001 | Holiday-Columbus Day | AMS RI & DC offices closed; MI open |
| October 13-14, 2001 | AMS Sectional Meeting @ Williams College | Williamstown, MA |
| October 26-27, 2001 | Committee on Education (COE) Meeting | Washington, DC |
| October 28, 2001 | Daylight Savings Time Ends | |
| November 6, 2001 | Election Day | |
| November 10-11, 2001 | AMS Sectional Meeting @ Univ. of California-Irvine | Irvine, CA |
| November 12, 2001 | Holiday-Veterans' Day | AMS RI & DC offices closed; MI open |
| November 16-17, 2001 | AMS Executive Committee & Board of Trustees (ECBT) Meeting | Providence, RI |
| November 22, 2001 | Holiday-Thanksgiving Day | |
| November 23, 2001 | Holiday-Day After Thanksgiving | AMS DC & MI offices closed |
| December 1-2, 2001 | TENTATIVE-Conference Board on Mathematical Sciences (CBMS) Meeting | Washington, DC |
| December 10, 2001 | Hanukkah | |
| December 24, 2001 | Christmas Eve | AMS DC office closed |
| December 25, 2001 | Holiday-Christmas Day | |
| January 6-9, 2002 | AMS-MAA Annual Meeting | San Diego, CA |
| March 1-3, 2002 | AMS Sectional Meeting @ Univ. of Mich. | Ann Arbor, MI |

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| May 3-5, 2002 | AMS Sectional Meeting @ Centre de Recherches Mathematique, Univ. of Montreal | Montreal, Canada |
| June 12-16, 2002 | Joint International Meeting w/ AMS and Unione Matematica Italiana (UMI) | Pisa, Italy |
| June 20-22, 2002 | AMS Sectional Meeting @ Portland State Univ. | Portland, OR |
| July 23-26, 2002 | Council of Engineering and Scientific Society Executives (CESSE) Annual Meeting | San Jose, CA |
| August 12, 2002 | Holiday-Victory Day | AMS RI Office closed; DC & MI open |
| September 7-8, 2002 | Rosh Hashanah | |
| September 16, 2002 | Yom Kippur | |
| September 21-22, 2002 | Sukkot (first two days of Tabernacles) | |
| October 5-6, 2002 | AMS Sectional Meeting @ Northeastern University (Joint with MAA Southeastern Section) | Boston, MA |
| October 8-10, 2002 | AMS Sectional Meeting @ Georgia Institute of Tech. | Atlanta, GA |
| October 12-13, 2002 | AMS Sectional Meeting Univ. of Wisconsin | Madison, WI |
| November 30, 2002 | Hanukkah | |
| December 7-8, 2002 | TENTATIVE-Conference Board on Mathematical Sciences (CBMS) Meeting | Washington, DC |
| January 15-18, 2003 | AMS-MAA Joint Annual Meeting | Baltimore, MD |
| June 2003 (Exact dates to be determined) | Joint International Meeting AMS and Real Sociedad Matematica Espanol (RSME) | TBA |
| July 7-11, 2003 | 5th International Congress on Industrial and Applied Mathematics (ICIAM) | Sydney, Australia |
| July 14-19, 2003 | Council of Engineering and Scientific Society Executives (CESSE) Annual Meeting | Minneapolis, MN |
| September 27-28, 2003 | Rosh Hashanah | |
| October 6, 2003 | Yom Kippur | |
| October 11-12, 2003 | Sukkot (first two days of Tabernacles) | |
| December 6-7, 2003 | TENTATIVE-Conference Board on Mathematical Sciences (CBMS) Meeting | Washington, DC |
| December 20, 2003 | Hanukkah | |
| December 25, 2003 | Christmas Holiday | |

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| January 7-10, 2004 | AMS-MAA Joint Annual Meeting | Phoenix, AZ |
| July 12-16, 2004 | Council of Engineering and Scientific Society Executives (CESSE) Annual Meeting | Miami, FL |
| September 16-17, 2004 September 25, 2004 | Rosh Hashanah Yom Kippur | |
| September 30- October 1, 2004 | Sukkot (first two days of Tabernacles) | |
| December 4-5, 2004 | TENTATIVE-Conference Board on Mathematical Sciences (CBMS) Meeting | Washington, DC |
| December 9, 2004 | Hanukkah | |
| October 4-5, 2005 October 13, 2005 October 18-19, 2005 | Rosh Hashanah Yom Kippur Sukkot (first two days of Tabernacles) | |
| December 3-4, 2005 | TENTATIVE-Conference Board on Mathematical Sciences (CBMS) Meeting | Washington, DC |
| December 25, 2005 | Hanukkah | |
| January 12-15, 2006 | AMS-MAA Annual Meeting | San Antonio, TX |
| September 23-24, 2006 | Rosh Hashanah | |
| October 2, 2006 October 7-8, 2006 | Yom Kippur Sukkot (first two days of Tabernacles) | |
| December 2-3, 2006 | TENTATIVE-Conference Board on Mathematical Sciences (CBMS) Meeting | Washington, DC |
| December 16, 2006 | Hanukkah | |
| September 13-14, 2007 September 22, 2007 September 27-28, 2007 | Rosh Hashanah Yom Kippur Sukkot (first two days of Tabernacles) | |
| December 1-2, 2007 | TENTATIVE-Conference Board on Mathematical Sciences (CBMS) Meeting | Washington, DC |
| December 5, 2007 | Hanukkah | |
| September 30- October 1, 2008 | Rosh Hashanah | |
| October 9, 2008 October 14-15, 2008 | Yom Kippur Sukkot (first two days of Tabernacles) | |

December 22, 2008

Hanukkah

September 19-20, 2009

Rosh Hashanah

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| September 28, 2009 | Yom Kippur |
| October 3-4, 2009 | Sukkot (first two days of Tabernacles) |
| December 12, 2009 | Hanukkah |
| September 9-10, 2010 | Rosh Hashanah |
| September 18, 2010 | Yom Kippur |
| September 23-24, 2010 | Sukkot (first two days of Tabernacles) |
| December 2, 2010 | Hanukkah |

LAST UPDATED: 4:12 PM 12/6/00 by EHH