

# AMERICAN MATHEMATICAL SOCIETY MINUTES OF THE COUNCIL

06 August 1989

## Abstract

The Council of the American Mathematical Society met at 2:00 pm on 06 August 1989 in the Grand Ballroom of the Clarion Harvest House Hotel, Boulder, Colorado. Council members present were: Steve Armentrout, William Browder, Sun-Yung Alice Chang, Ronald Douglas, Robert Fossum, Richard Guy, Rhonda Hughes, Robion Kirby, Irwin Kra, Andy Roy Magid, Albert Marden, M. Susan Montgomery, G.D. Mostow, Linda Ness, Andrew Odlyzko, Richard Palais, Franklin Peterson, Everett Pitcher, Michael Reed, Marc Rieffel, Hugo Rossi, Barry Simon, Harold Stark, William Thurston, and Carol Wood. Others attending with privileges of the floor were: Robert Bartle, William H. Jaco, Linda Keen, Jane Kister, Mary Lane, James Maxwell, Joan Wick Pelletier, Jean Taylor, Donovan Van Osdol, William Woolf, and Dan Zelinsky. as Chair of the Editorial Boards Committee. President Browder presided.

## Contents

<b>1</b>	<b>MINUTES</b>	<b>4</b>
1.1	April 89 Council. . . . .	4
1.2	ECBT Minutes. . . . .	4
<b>2</b>	<b>INFORMATION AND RECORD</b>	<b>4</b>
2.1	Report from Lida Barrett, President of MAA. . . . .	4
2.2	Associate Executive Director (Fossum). . . . .	4
2.3	Individual Dues for 1990 (Fossum). . . . .	4
2.4	Alice T. Schafer Mathematics Prize (Fossum). . . . .	4
2.5	AMS Centennial Research Fellowship Stipend (Fossum). . . . .	4
2.6	NSF Budget Letter. . . . .	5
2.7	Letter to the Council from former President Saunders Mac Lane. . . . .	5
2.8	Software Rights. . . . .	5
2.9	Soviet mathematician refugees. . . . .	5
2.10	Presidential Nominations for Election to the Nominating Committee . . . . .	5
2.11	Presidential Nominations for Election to the Editorial Boards Committee . . . . .	5
<b>4</b>	<b>BOARDS AND COMMITTEES</b>	<b>5</b>
4.1	Nominating Committee: . . . . .	5
4.1.1	Nominations for Vice-President. . . . .	6
4.1.2	Nominations for Member-at-Large. . . . .	6
4.2	Editorial Boards Committee (EBC). . . . .	6
4.3	Editorial Boards Committee (EBC). . . . .	6
4.3.1	<i>American Journal of Mathematics</i> : . . . . .	6
4.3.2	<i>Bulletin</i> : . . . . .	6
4.3.3	<i>Colloquium Publications</i> : . . . . .	6
4.3.4	<i>Journal of the American Mathematical Society</i> : . . . . .	7
4.3.5	<i>Mathematical Reviews</i> : . . . . .	7
4.3.6	Mathematical Surveys and Monographs: . . . . .	7
4.3.7	<i>Mathematics of Computation</i> : . . . . .	7
4.3.8	<i>Proceedings</i> : . . . . .	7
4.3.9	<i>Transactions and Memoirs</i> : . . . . .	7
4.4	MAA Committee on Preparation for College Teaching (Case). . . . .	8
4.5	AMS-MAA Committee on Employment and Educational Policy (CEEP) (Connors). . . . .	8
4.5.1	Report from the AMS-MAA Committee on Employment and Educational Policy. . . . .	8
4.5.2	Recommendations from AMS-MAA Committee on Employment and Educational Policy. . . . .	8
4.6	Notices Editorial Committee (NEC) (Fossum). . . . .	8
4.7	Executive Committee and Board of Trustees (ECBT) recommendations to the Council. . . . .	9
4.7.1	Collected Works Book Series (ECBT). . . . .	9
4.7.2	Public Service Awards. . . . .	9

<b>8 UNFINISHED BUSINESS.</b>	<b>10</b>
8.1 Elections . . . . .	10
8.1.1 Nominations by petitions (Hughes). . . . .	10
8.1.2 Nominating Committee. . . . .	10
8.1.3 Mail ballots on major motions regarding the election process (Corwin). . . . .	11
8.1.4 Contested election for the presidency. . . . .	11
8.1.5 Election of Vice-Presidents. . . . .	11
8.1.6 Treasurer and Associate Treasurer. . . . .	12
8.1.7 Executive Committee. . . . .	12
<b>9 NEW BUSINESS</b>	<b>12</b>
9.1 Pi Mu Epsilon 75th Anniversary (Fossum). . . . .	12
9.2 Contempt of Congress Conviction of Chandler Davis (Fossum). . . . .	12
9.3 Sigma Xi . . . . .	13
9.4 Chinese Students . . . . .	13
9.5 Bulletin Book Reviews: . . . . .	13
<b>A Attachments</b>	<b>14</b>
A.1 Alice T. Schafer Mathematics Prize. . . . .	14
A.2 NSF Budget . . . . .	15
A.3 Letter to the Council from Saunders Mac Lane. . . . .	16
A.4 MAA Policy on Software Rights. . . . .	17
A.5 Letter from Paul Nevai concerning Soviet emigrants. . . . .	18
A.6 Committee on Preparation for College Teaching. . . . .	19
A.7 Report of the Committee on Employment and Educational Policy (Connors). . . . .	20
A.8 Request from CEEP that the Data Subcommittee be made self-standing (Connors). . . . .	21
A.9 Letter from Sigma Xi . . . . .	22

## 1 MINUTES

### 1.1 April 89 Council.

The Minutes of the April 89 Council were distributed by mail. They were approved as distributed.

### 1.2 ECBT Minutes.

The Minutes of the May 1989 Executive Committee and board of Trustees meeting were distributed by mail and are attached.

## 2 INFORMATION AND RECORD

### 2.1 Report from Lida Barrett, President of MAA.

MAA President Lida Barrett reported to the Council on MAA activities.

### 2.2 Associate Executive Director (Fossum).

The Board of Trustees, at its meeting in May 89, approved the recommendation by Executive Director Jaco that Donovan (Don) H. Van Osdol be appointed Associate Executive Director. An offer to Van Osdol was made and accepted. He began his official duties on 24 July 1989.

### 2.3 Individual Dues for 1990 (Fossum).

At its meeting in May 89, the Board of Trustees approved dues for 1990 at \$92 for ordinary membership at the high level. The other categories of dues are determined from this figure by established formulas. The break between the ordinary high level and the ordinary lower level was set at \$43,000.

### 2.4 Alice T. Schafer Mathematics Prize (Fossum).

The Association for Women in Mathematics has established an endowment to support a prize, called the Alice T. Schafer Mathematics Prize, to be awarded annually to an undergraduate woman for excellence in mathematics. The Board of Trustees has made a contribution to the fund in support of this prize. See Attachment A.1.

### 2.5 AMS Centennial Research Fellowship Stipend (Fossum).

The Executive Committee (EC) and the Board of Trustees (BT) agreed to the April 89 Council recommendation that the stipend for the 1990-91 fellowships be \$36,000 and that the travel allowance be \$1,000.

## **2.6 NSF Budget Letter.**

The January 89 Council authorized the President to write to various members of Congress supporting increases in federal funding for mathematics research. A copy of a typical letter is attached (see Attachment A.2).

## **2.7 Letter to the Council from former President Saunders Mac Lane.**

Former President Sanders Mac Lane has submitted the attached letter for the attention of the Council (see Attachment A.3). (Mac Lane's letter has been referred to the AMS-MAA Committee on Education and Employment Policy (CEEP).)

## **2.8 Software Rights.**

The MAA Committee on Computers in Mathematics Education recommended to the MAA Executive and Finance Committee, which in turn has recommended to the MAA Board of Governors, the attached statement concerning Software and Intellectual Rights (see Attachment A.4).

## **2.9 Soviet mathematician refugees.**

Paul Nevai has written to the AMS and the MAA a letter concerning the plight of middle-aged middle level Soviet refugee mathematicians who may need help obtaining satisfactory positions (see Attachment A.5). The ECBT suggested that an ad hoc committee be established to consider this problem. (The letter from Nevai has subsequently been referred to the AMS-MAA Committee on Employment and Educational Policy (CEEP).)

## **2.10 Presidential Nominations for Election to the Nominating Committee**

The President has nominated Sylvain E. Cappell, Robert M. Hardt, Barbara Lee Keyfitz, Ray A. Kunze, and Paul C. Roberts to stand for election to the 1990 Nominating Committee. Robert W. Williams has been nominated by petition. All candidates have agreed to run. The term of office is three years. Three of the six candidates will be elected by preferential ballot.

## **2.11 Presidential Nominations for Election to the Editorial Boards Committee**

The President has nominated Linda Keen, Carlos E. Kenig, Andrew M. Odlyzko, and Barry Simon to stand for election to the 1990 Editorial Boards Committee. All candidates have agreed to stand for election. Two of four candidates will be elected by preferential ballot.

# **4 BOARDS AND COMMITTEES**

## **4.1 Nominating Committee:**

Nominations for election rest with the Council. In addition to requesting suggestions for nominations from its Nominating Committee, the Council invites suggestions by petition and it has established procedures for considering these.

**4.1.1 Nominations for Vice-President.**

Having received the requisite number of valid signatures to suggest the nomination of Lenore Blum to stand for election for the position of Vice-President and the agreement of Blum to stand for election if nominated, the Council, in executive session, nominated Lenore Blum to stand for election to the position of Vice-President in the upcoming election by the membership.

**4.1.2 Nominations for Member-at-Large.**

Having received the requisite number of valid signatures to suggest the nomination of Sheldon Axler to stand for election to the position of Member-at-Large of the Council and Axler's agreement to stand if nominated, the Council nominated Sheldon Axler to stand for election to the position of Member-at-Large of the Council in the upcoming election by the membership.

To bring the number of candidates up to ten, the Council, in executive session, nominated Alexandre Chorin and James W. Cannon, both of whom had been suggested by the Nominating Committee, for election to the position of Member-at-Large of the Council in the upcoming election by the membership.

**4.2 Editorial Boards Committee (EBC).**

Robert Zimmer having resigned from the Transactions and Memoirs Editorial Committee, the Council, in executive session, replaced him by Avner Ash of Ohio State University, upon recommendation of the the Editorial Boards Committee.

**4.3 Editorial Boards Committee (EBC).**

The Editorial Boards Committee (EBC) is charged with making recommendations to the Council for election by the Council to the various editorial boards and committees. The following recommendations, put to the Council by the EBC, were approved in executive session:

**4.3.1 *American Journal of Mathematics:***

The Council re-elected Salah Baouendi to another term as Society representative on the Editorial Committee of the *American Journal of Mathematics*. Current representatives are Salah Baouendi (1989) and David Gieseke (1991).

**4.3.2 *Bulletin:***

The Council elected Richard Palais to replace the retiring editor Hirsch. Current members of the Bulletin Editorial Committee are Morris W. Hirsch (1989), Roger E. Howe (1990), and Murray H. Protter (1991).

**4.3.3 *Colloquium Publications:***

The Council re-elected H. Jerome Keisler to another term on the Colloquium Publications Committee. Continuing members of the committee are Raoul H. Bott (1990), Charles L. Fefferman (1991), and H. Jerome Keisler (1989).

**4.3.4** *Journal of the American Mathematical Society:*

Current members of the committee are Michael Artin (1992), H. Blaine Lawson, Jr. (1991), Richard B. Melrose (1990), Wilfried Schmid (1990), and Robert E. Tarjan (1992), none of whose terms expired this year.

**4.3.5** *Mathematical Reviews:*

It has been a tradition that one member of the Mathematical Reviews Editorial Committee (MREC) be a member of the Department of Mathematics at The University of Michigan. The current University of Michigan representative on MREC, Melvin Hochster, is retiring. The Council elected Al Taylor. Current members of MREC are Leonard D. Berkovitz (1991), Melvin Hochster (1989), John L. Selfridge (1991), and Hans F. Weinberger (1990).

**4.3.6** *Mathematical Surveys and Monographs:*

The Council re-elected Victor W. Guillemin to another term on the committee. Current members are Victor W. Guillemin (1989), David S. Kinderlehrer (1991), M. Susan Montgomery (1990), and one vacant position (1991).

**4.3.7** *Mathematics of Computation:*

The Council re-elected Walter Gautschi for another term on the board. Current members are Walter Gautschi (1989), Donald Goldfarb (1990), Andrew M. Odlyzko (1991), and John E. Osborn (1989).

**4.3.8** *Proceedings:*

Current members of the Proceedings Editorial Committee (PEC) are William W. Adams (1992), J. Marshall Ash (1992), Maurice Auslander (1992), Andreas Blass (1992), Thomas H. Brylawski (1989), Dennis Burke (1989), Frederick R. Cohen (1991), William J. Davis (1991), Clifford J. Earle, Jr. (1992), Palle E. T. Jorgensen (1992), Barbara Lee Keyfitz (1991), R. Daniel Mauldin (1989), Kenneth R. Meyer (1991), Paul S. Muhly (1990), Andrew M. Odlyzko (1989), George C. Papanicolaou (1991), Louis J. Ratliff, Jr. (1991), Jonathan M. Rosenberg (1991), William D. Sudderth (1991), James E. West (1991), and Warren J. Wong (1991).

William D. Sudderth resigned from the PEC. The Council named Lawrence Grey of the University of Minnesota to replace him.

The Council elected Jeffery Kahn to replace both Thomas H. Brylawski and Andrew M. Odlyzko in combinatorics. The Council elected Franklin Tall to replace Dennis Burke in general topology.

**4.3.9** *Transactions and Memoirs:*

The Council named David J. Saltman as Managing Editor to replace Ronald L. Graham, whose term on the board is expiring. To replace Saltman as an editor in algebra it elected Judith Sally. The Council re-elected Cannon and Takesaki. The current members of the Transactions and Memoirs Editorial Committee, with year in which the term expires, are James E. Baumgartner (1991), James W. Cannon (1989), Ralph L. Cohen (1990), Eugene B. Fabes (1992), Ronald L. Graham (1989),

Jerry L. Kazdan (1990), Roger D. Nussbaum (1991), Carl Pomerance (1991), David J. Saltman (1990), Masamichi Takesaki (1989), Audrey A. Terras (1991), Robert J. Zimmer (1990).

#### 4.4 MAA Committee on Preparation for College Teaching (Case).

The Committee on Preparation for College Teaching is a committee of the Mathematical Association of America. It prepared the attached report (Attachment A.6), which the Council discussed. The Chair of the Committee, Bettye Anne Case, was present to answer questions.

#### 4.5 AMS-MAA Committee on Employment and Educational Policy (CEEP) (Connors).

##### 4.5.1 Report from the AMS-MAA Committee on Employment and Educational Policy.

The Council accepted the attached report from the AMS-MAA Committee on Employment and Educational Policy (Attachment A.7).

##### 4.5.2 Recommendations from AMS-MAA Committee on Employment and Educational Policy.

The Chair of CEEP requested, on behalf of the committee, that the Data subcommittee become a full, standing committee, that the Society for Industrial and Applied Mathematics (SIAM) be invited to participate actively in this committee's activities, and that another subcommittee, the Employment Concerns subcommittee, be disbanded (see Attachment A.8). The Council adopted the following recommendations of the committee.

- Data Subcommittee.

**Effective January 1, 1990, the Data Subcommittee become a standing AMS-MAA committee, with representation from each society. Societies are expected to continue appropriate support of the committee and the annual AMS-MAA Survey.**

- SIAM participation.

**SIAM be invited to participate actively in the standing Data Committee.**

- Employment Concerns Subcommittee.

**The Employment Concerns Subcommittee be disbanded.**

#### 4.6 Notices Editorial Committee (NEC) (Fossum).

The Council requested of the Notices Editorial Committee that a special section of the *NOTICES*, tentatively called a "Forum", be established.



## 4.7 Executive Committee and Board of Trustees (ECBT) recommendations to the Council.

### 4.7.1 Collected Works Book Series (ECBT).

The Council, acting upon recommendations of the Committee on the Publication Program and the Executive Committee, agreed to establish a new book series *Collected Works Book Series*. In anticipation of Council approval, the Board of Trustees has approved the series.

### 4.7.2 Public Service Awards.

The Science Policy Committee (SPC) recommended that the Society establish an award for distinguished public service by a research mathematician and recognition for public service by members of the mathematical community. The May 89 ECBT approved these awards in principle and recommended that the Council approve them, which the Council did by establishing the following awards:

#### Award for Distinguished Public Service

**AWARD NAME:** The American Mathematical Society Award for Distinguished Public Service.

**AWARD DESCRIPTION:** This award is presented every two years to a research mathematician who has made a distinguished contribution to the mathematics profession through public service during the preceding five years.

**AWARD PRESENTATION:** The award will be presented every two years beginning in 1990 at the Business Meeting of the Society held during the Annual Joint Mathematics Meetings.

**AWARD REMUNERATION:** \$2500.

**AWARD SELECTION:** A committee consisting of four Society members, appointed by the President, shall constitute the Selection Committee. The Selection Committee will report to the EC acting for the Council at the Fall ECBT in Executive Session. The EC must approve the selection. The recipient will be notified by the Secretary and announced by the President at the next Annual Joint Mathematics Meetings.

#### Citation for Public Service

**CITATION NAME:** The American Mathematical Society Citation for Public Service.

**CITATION DESCRIPTION:** One to three awards are presented every year for notable contributions to the mathematics profession through public service.  
(The original wording of this description was:

One to three awards are presented every year to mathematicians who have made notable contributions to the mathematics profession through public service.

which was amended by the Council to the wording above.)

**CITATION PRESENTATION:** The award will be presented every year (beginning in 1990) at the Business Meeting of the Society held during the Annual Joint Mathematics Meetings.

**CITATION REMUNERATION:** \$500.

**CITATION SELECTION:** The Selection Committee for the Award for Distinguished Service will also make recommendations for Recognition for Public Service to the EC acting for the Council. The Selection Committee will remain active for the period necessary to select one recipient of the Award for Distinguished Public Service and two separate selections of recipients of Recognition for Public Service. The EC must approve the selection. The recipient will be notified by the Secretary and announced by the President at the next Annual Joint Mathematics Meetings.

## 8 UNFINISHED BUSINESS.

### 8.1 Elections

#### 8.1.1 Nominations by petitions (Hughes).

The January 87 Council passed the following policy concerning nominations by petition:

Beginning with the interval 1987-1996, the Council intends to approve no more than two nominations by petition of the same individual in any ten year period.

Rhonda Hughes moved to rescind this policy. The motion was seconded, discussed, and passed.

#### 8.1.2 Nominating Committee.

The April 88 Council (and subsequently the January 89 Council) approved several changes for the Nominating Committee. It increased the term of office from two to three years. It changed from four to three the number of members elected to the committee in any one year. And it made the term of office begin on 01 September of the year following election. There was a phase-in provision that was intended to cover the change from the current system to the new system. The phase-in as stated does not work. The April 89 Council requested that the ad hoc Election Scheduling Committee and the Secretary recommend to the August 89 Council a workable system. The Council referred this problem to a committee appointed by the President for final resolution. (This committee has been appointed and consists of Joan Birman, Robert Fossum (chair), Jane Gilman, and James Maxwell.)

**8.1.3 Mail ballots on major motions regarding the election process (Corwin).**

At the suggestion of Lawrence Corwin, who was not able to attend this Council meeting, the Secretary filed the following motion:

**All major motions on the items below should be submitted to a mail ballot of the Council,**

which died for lack of a second.

**8.1.4 Contested election for the presidency.**

At the suggestion of Corwin, the Secretary filed the following motion:

**The question of contested election for the Presidency should be submitted to a nonbinding referendum of the members at the next election.**

which died for lack of a second.

(It is not usual to report motions that die for lack of a second. However, since these two motions had been submitted to the Secretary by a member of the Council who was not present, it is appropriate that they be reported.)

The following motion, proposed by the ad hoc Election Scheduling Committee, was then under consideration.

**The Nominating Committee and the Council shall put forward two candidates for President.**

The motion was amended by the Council by adding the sentence:

**The Council should review this policy after three elections for the office of President-Elect.**

With this amendment, the motion passed.

**8.1.5 Election of Vice-Presidents.**

The same committee has made the following recommendation concerning the office of Vice-President:

- **The term of office for Vice-President shall be increased to three years.**
- **Alternative I: One Vice-President shall be elected each year.**
- **Alternative II: In each year that a President is elected, one Vice-President shall be elected, while in every other year, two Vice-Presidents shall be elected.**

An third alternative

- **Alternative III: Two Vice-Presidents shall be elected each year**

was added to the committee's recommendation.

It was moved and seconded that

(The Secretary should prepare amendments to the Bylaws for consideration by the January 1990 Council to implement the following:) **The term of office for Vice-Presidents shall be three years. Two Vice-Presidents shall be elected each year.**

A motion to amend this to include the sentence: "The number of Members-at-Large shall be four (decrease from five)" was seconded, but failed. A motion to substitute Alternative II for Alternative III was seconded, but failed.

After further discussion, the motion passed.

#### **8.1.6 Treasurer and Associate Treasurer.**

The same committee made recommendations concerning the election of the Treasurer and Associate Treasurer. This proposal was **postponed** until the January 1990 Council.

#### **8.1.7 Executive Committee.**

The same committee made recommendations concerning the term of office and membership on the Executive Committee of the Council. This proposal was tabled.

## **9 NEW BUSINESS**

### **9.1 Pi Mu Epsilon 75th Anniversary (Fossum).**

Pi Mu Epsilon, the National Honorary Mathematics Society, celebrated its 75th anniversary during the Boulder Joint Summer Meeting. The Secretary moved that the Council send the following greeting to Pi Mu Epsilon on the occasion of its Diamond Jubilee.

**Undergraduate mathematics is the foundation upon which future mathematicians build experience and knowledge. It is vital for the future of our discipline that undergraduate mathematics flourish. The Council of the American Mathematical Society congratulates Pi Mu Epsilon for its seventy-five years of nurturing excellence in undergraduate mathematics and it offers best wishes for the future.**

The motion was seconded and passed.

### **9.2 Contempt of Congress Conviction of Chandler Davis (Fossum).**

The August 82 Council passed a motion calling on the officers of the Society to attempt to get the conviction of Chandler Davis for Contempt of Congress reversed. Then President Julia Robinson wrote on 16 November 1983 to Rep. Claudine Schneider (R, RI):

The Council of the American Mathematical Society has authorized me to petition the 102nd Congress to expunge the contempt citation of our colleague H. Chandler Davis which was imposed in 1954 by the 83rd Congress. I am asking you to carry the bill since you are the representative of Providence, the permanent home of the Society.

It was moved, seconded, and passed that the Council reaffirm its action of 1983 to urge its officers to work to get the conviction of Chandler Davis reversed.

### 9.3 Sigma Xi

In an attached letter from Sigma Xi (A.9), the Society is invited to participate in a Special Forum to address the question “What are the scientific and technological implications of a doubling in world population over the next four or five decades and a concomitant imperative for the world economy to grow five- to tenfold in order to meet human needs in the developing countries where 90 per cent of the world population growth will take place?”

The Council agreed to the formation of an ad hoc committee, appointed by the President, to open and maintain lines of communication with Sigma Xi concerning participation in this forum.

### 9.4 Chinese Students

Bettye Anne Case brought to the Council’s attention the problem of students who returned to China at the conclusion of the spring sessions for home visits or other reasons and who may not be able to return to studies at American institutions. The Council referred this matter to the Society’s Human Rights Committee.

### 9.5 Bulletin Book Reviews:

In a letter to the Council, Sigurdur Helgason requested consideration of two topics:

- Whether responses to book reviews that appear in the *Bulletin* should be permitted in the *Bulletin*.
- Whether it is proper for a member of the editorial board of the *Bulletin* to publish a book review in that journal.

The Council, in executive session, referred these matters to the Editorial Boards Committee.

## A Attachments

### A.1 Alice T. Schafer Mathematics Prize.

NOTICE:

This attachment consists of a letter written to Robert Fossum by Jill P. Mesirov of the Association for Women in Mathematics. The letter is dated June 5, 1989. In it, Jill Mesirov thanks Robert Fossum for the generous donation the AMS made to the endowment for the Alice T. Schafer Prize.

A hardcopy of this letter can be obtained from

Prof. Robert Fossum  
American Mathematical Society  
Department of Mathematics  
University of Illinois  
1409 W Green St  
Urbana, IL 61801-2975 / USA  
Phone: (217) 244-1741  
Fax: (217) 244-8192  
Internet: robert@odin.math.uiuc.edu

## A.2 NSF Budget

### NOTICE:

This attachment contains the copy of a letter written by William Jaco, then Executive Director of the AMS, to Senator Robert Byrd, in regard to the proposed increase of the National Science Foundation budget as stated by the two previous Reagan administrations and repeated by the Bush administration. In the letter dated June 6, 1989, Jaco stresses the strong interest of the mathematical community in this budget increase and urges Senator Byrd that the National Science Foundation be spared a repeat of the experience of the previous year in which the planned first step of a five-year doubling of the NSF budget fell victim to last-minute trading in the Senate-House conference for the 1989 budget.

A copy of this letter can be obtained from the office of

Prof. Robert Fossum  
American Mathematical Society  
Department of Mathematics  
University of Illinois  
1409 W Green St  
Urbana, IL 61801-2975 / USA  
Phone: (217) 244-1741  
Fax: (217) 244-8192  
Internet: robert@odin.math.uiuc.edu

### A.3 Letter to the Council from Saunders Mac Lane.

NOTICE:

In this letter, Saunders MacLane is urging the Council of the AMS to take action to mend the chaos prevailing at that time on the market for young mathematicians. He recounts that math departments are flooded by hundreds of applications for every open position, with a large number of applicants being totally unqualified for the positions.

According to MacLane, the essential problem in this situation is that nobody tells the applicant where it would be appropriate to apply. In times past, this was done by the ‘‘Old Boys Network’’, whereas in present days young mathematicians pick a list of 60 universities or more to which they have their math instructors send letters of recommendation, frequently without discussing the particulars of a given application with the author of the recommendation.

MacLane suggests three alternatives to this scenario:

- math departments shall accept only letters of reference signed in ink (no xerox signatures);
- math departments shall give greater recognition to letters of reference which state that the author of the letter of reference recommends the applicant for the position in question;
- PH.D. granting departments shall decline to pay postage on more than 20 applications.

MacLane mentions his observation that the market for senior positions is also in disarray. He concludes by again urging the Council of the AMS to take action or to publish his letter in the NOTICES.

A copy of the MacLane letter can be obtained from the office of

Prof. Robert Fossum  
American Mathematical Society  
Department of Mathematics  
University of Illinois  
1409 W Green St  
Urbana, IL 61801-2975 / USA  
Phone: (217) 244-1741  
Fax: (217) 244-8192  
Internet: robert@odin.math.uiuc.edu



#### A.4 MAA Policy on Software Rights.

NOTICE:

This attachment contains the following statement:

‘‘Software and Intellectual Rights

Respect for intellectual labor and creativity is vital to academic discourse and enterprise. This principle applies to works of all authors and publishers in all media. It encompasses respect for the right to acknowledgement, right to privacy, and the right to determine the form, manner, and terms of publication and distribution.

Because electronic information is volatile and easily reproduced, respect for the work and personal expression of others is especially critical in computer environments. Violations of authorial integrity, including plagiarism, invasion of privacy, unauthorized access, and trade secret and copyright violations, may be grounds for sanctions against members of the academic community.’’

**A.5 Letter from Paul Nevai concerning Soviet emigrants.**

NOTICE:

For a copy of this letter, please contact the office of

Prof. Robert Fossum  
American Mathematical Society  
Department of Mathematics  
University of Illinois  
1409 W Green St  
Urbana, IL 61801-2975 / USA  
Phone: (217) 244-1741  
Fax: (217) 244-8192  
Internet: [robert@odin.math.uiuc.edu](mailto:robert@odin.math.uiuc.edu)

## A.6 Committee on Preparation for College Teaching.

### NOTICE:

This three-page attachment contains a preliminary report submitted to the Council of the AMS by the aforementioned committee. The report identifies key principles of the committee's recommendations, departmental responsibilities, possible implementations of their suggestions, and concludes with a look at open questions and problems in the educational system beyond the committee's influence which impede the committee's goals.

A copy of the report can be obtained from the office of

Prof. Robert Fossum  
American Mathematical Society  
Department of Mathematics  
University of Illinois  
1409 W Green St  
Urbana, IL 61801-2975 / USA  
Phone: (217) 244-1741  
Fax: (217) 244-8192  
Internet: [robert@odin.math.uiuc.edu](mailto:robert@odin.math.uiuc.edu)

**A.7 Report of the Committee on Employment and Educational Policy (Con-  
nors).**

NOTICE:

This three-page report of the Committee on Employment and Educational Policy detailing the recent work of its three subcommittees (the Data Subcommittee, the Short Course Advisory Subcommittee, and the Employment Concerns Subcommittee) can be obtained from the office of

Prof. Robert Fossum  
American Mathematical Society  
Department of Mathematics  
University of Illinois  
1409 W Green St  
Urbana, IL 61801-2975 / USA  
Phone: (217) 244-1741  
Fax: (217) 244-8192  
Internet: [robert@odin.math.uiuc.edu](mailto:robert@odin.math.uiuc.edu)

**A.8 Request from CEEP that the Data Subcommittee be made self-standing (Connors).**

NOTICE:

A copy of this letter, written to Robert Fossum by Edward Connors on June 29, 1989, (the contents have been sufficiently summarized in subchapter 4.5.2) can be obtained from the office of

Prof. Robert Fossum  
American Mathematical Society  
Department of Mathematics  
University of Illinois  
1409 W Green St  
Urbana, IL 61801-2975 / USA  
Phone: (217) 244-1741  
Fax: (217) 244-8192  
Internet: robert@odin.math.uiuc.edu

## A.9 Letter from Sigma Xi

NOTICE:

For a copy of this letter please contact the office of

Prof. Robert Fossum  
American Mathematical Society  
Department of Mathematics  
University of Illinois  
1409 W Green St  
Urbana, IL 61801-2975 / USA  
Phone: (217) 244-1741  
Fax: (217) 244-8192  
Internet: [robert@odin.math.uiuc.edu](mailto:robert@odin.math.uiuc.edu)