The primary focus of this issue is on a listing of job openings; however a few items of general interest are also included.

Chairman's report-- the AMS Council meeting.

In response to my forcing the issue at the summer meeting at Penn State, the Council voted to allow observers to attend its meetings. Non-Council members may speak at the invitation of the President or by vote of the Council. At the Las Vegas meeting there were few spectators, unfortunately. The next Council meeting is at the St. Louis regional meeting March 31; I hope that some AWM members will be present. At its January 16 meeting the AMS Council: 1. Referred back to committee a report on the liberalization of nominating procedures. One of the projects of the AWM is to get some women on the Council who are sensitive to women's issues and dedicated to action on some of the problems. In the 1971 election we found that "suggesting" names to the Nominating Committee appointed by the AMS President was ineffective. There are other groups unrepresented on the Council, e.g., young mathematicians and black mathematicians. At the summer meeting the Council voted to have a committee report on the liberalization of nominating procedures, specifically to provide a means for nomination by petition to bypass the Nominating Committee. It should be pointed out that in fact the Nominating Committee is advisory to the Council itself, which ultimately decides which names appear on the ballot. The committee, which consisted of Murray Gerstenhaber, Victor Klee, and Paul Halmos, presented a reasonable plan which called for any name proposed by 150 petitioners to be placed on the ballot for member-at-large without further review by the Nominating Committee or the Council.

Halmos presented a dissenting view, claiming that the "gentlemanly" methods of the past were perfectly adequate (Halmos chaired the 1971 Nominating Committee), but that if reform must come one must have some sort of quality control. His amendment provided that a petition candidate must have had five papers reviewed by Math Reviews. How this assures quality is unclear as nothing was said about the content of the reviews (or of the papers), but it does, given time lags in publishing and reviewing, serve to keep young people off the Council. Halmos is a leading proponent of the AMS' steering clear of anything which is not mathematical research, a position which requires keeping activists on any issue, be it women or the war, off the Council. The position taken by those who feel this way is that mathematical distinction is the only qualification for Council membership, although looking at the record of the distinguished mathematicians who have not been on the Council and at the record of the mathematicians who have served or been nominated does not necessarily support the view that this practice has been followed.

No one on the Council opposed Halmos and the amendment was approved. Then there was some jockeying about the number of names and the geographical distribution of the petitioners which finally resulted in the number being reduced to 50, with no distribution requirements. Halmos had also included in his amendment the provision that petition candidates have a 300-word statement of mathematical distinction. An even worse amendment was then approved; it required that the Council screen the names of petition candidates, with the right to leave off the ballot anyone whom it chooses, even if all the requirements have been met.

I considered the proposal with these amendments to be a farce, but being only a spectator could not speak. However, there were several black mathematicians at the meeting and one was granted the right to speak. He raised objections similar to mine and after he spoke so did I and another spectator also in opposition. At this stage the whole matter was returned to the committee; it is to be hoped that a resonable scheme is evolved in time for the 1972 election.

The issue of Council membership is a complex one. That merit of research be the only qualification is a valid point of view, and certainly the only rational one for the positions on the various editorial boards. On the other hand, if a member holds that view, he may vote for members on that basis, without the Council doing his thinking for him. Moreover, there is some reason to believe that political activists who want the AMS to take positions on various issues are being screened out for that reason even if their mathematics is at least as distinguished as non-activists who are named.

More generally, there are those who hold the view that the positions of members-at-large should be filled by people who represent the opinions of the membership. Just because the present AMS leadership may not be in agreement with this view one may argue that they have no right to dismiss it out-of-hand; the self-perpetuating nature of the Council can suppress dissent. Any change in the bylaws which would reduce the power of the Council or reorganize it would have to be approved by the Council itself. Therefore, for the present those who want activism on the women's issues, or any others, must concentrate on electing people to the AMS Council. More on this when the committee reports again on nominating procedures.

2. Defeated by 12 to 7 (there were over 30 voting members present, many of whom apparently are unwilling or unable to take stands) a motion that the Society not accept ads from institutions in countries which have an official policy of racial segregation. The resolution addressed itself to the existence of ads from a South African university which have appeared several times in the past year in the Notices. In fairness, I point out that many did not see this as a race issue and considered it a frivolous issue; however, the vote came after the black mathematicians who were observers (there are no black Council members) had left. In view of the announcement now being circulated by a Hong Kong university offering differing salaries for men and women mathematicians the resolution should probably have been broader in scope. There are no women or black editors of the Notices.

3. Heard another gloomy report on the employment situation. No positive actions by the Council were proposed. No women, black or young mathematicians are on the AMS committee on educational policy and employment--in particular, no one who needs a job. At a panel later in the week there was a job seeker, but only to tell a pathetic tale--still no moves for AMS action.

4. Defeated a motion to make representations to the office of management and budget regarding restoration of NSF fellowship funding--not on the usual and oft-repeated ground of noninvolvement in political issues, etc., but due to a split over how to support able students, somewhat on the lines of top-five versus state universities, and on whether anything at all should be done to increase Ph.D. production in the tight job market. There were the usual references to the need to do something for promising young men. There are no women, blacks or young people on the committee on government relations charged with these lobbying efforts.

5. Approved the notion of and format for a subject index for Math Reviews, which may be produced if and when the author index ever is resumed, and rubber-stamped decisions on where to have the next three Council meetings. There was a lengthy discussion on the role of applied mathematics in the Reviews, in which applied mathematicians were always referred to as "they," apparently since they are only on committees on applied mathematics, not on the Council or other committees (just as the only AMS committee which has women members is the committee on women).

Some discussion centered on the usefulness of prompt reviewing with Prof. Boas making a telling comment to Prof. MacLane: "You don't want to know what is going on because someone came from Paris and told you, but other people do." Those on the Council who decided to discontinue the offprint service also don't need it, coming from schools where the material is readily

The AMS business meeting

1. The meeting passed the resolution which the AWM placed on the agenda at the meeting last summer. There was an attempt to split it, but that was voted down. Key support for the resolution came from Victor Klee, MAA president, who read a motion passed by the MAA Board of Governors similar to the last half of the AWM resolution, Eleanor Palais, representing the Boston area women mathematicians, and Cathleen Morawetz, chairman of the AMS committee on women. The resolution is

Resolved that

1) the American Mathematical Society will work actively for equal opportunities for women in the following areas:

    a) employment at all levels: this will include the search for and recruitment of qualified women.

    b) advancement and tenure in academic positions.

    c) admissions to graduate schools.

    d) graduate and postdoctoral fellowships and assistantships.

    e) membership on advisory boards and panels

and

2) the Society will include more women on

    a) Society programs and panels, including invited speakers and section chairmen.

    b) Society committees and governing boards.

Note that this resolution calls for actions and thus needed to be put on the agenda at the previous meeting. Now we wait to see whether actions are taken. One suggestion I have made to the leadership of the Society is that a woman be on the committee on dismissed mathematicians; this is because some women in other fields have been dismissed for feminist activities. As noted in the report of the Council meeting there are other committees which need women members.

2. In response to widespread dissatisfaction with the AMS' inability to propose positive actions, especially on the employment issue, the Math Action Group introduced the following resolution:

Resolved, that this meeting urges the Council of the Society to address itself with greater vigor to various problems now facing the mathematical community. These include the following.

1) The status of women in the profession, and in various of the Society's working committees, and the status of various ethnic minority groups.

2) The economic status of the profession, and the relation of the profession to the colleges and universities and to society in general.

    These include long range problems, and there is no reason to expect that the best efforts of anyone could solve them immediately. But the Society should attack them as best it can; we should not regard ourselves merely as spectators. Meanwhile there is a short-range problem which allows an immediate solution. Provision should be made, with no further delay, for candidates for Council membership to be placed on the ballot by petition, without any further screening either by the Council or by the nominating committee.

Rather suprisingly, this passed (as it only urged the Council to act it could be voted on at once). I think it was due to the fact that in reporting the Council meeting Secretary Pitcher made the Council look ridiculous in not acting on the nominating procedures, as well as to general belief that the Council should do something.

Item: The American Association for the Advancement of Science voted at its December meeting to establish an office for women's affairs and to maintain a roster of women in science. Suggestions are needed for someone to head the offi preferably with statistical training. It is located in Washington. More detail after I attend a meeting on the subject in New Haven February 26.

SOME OF THE JOBS LISTED WERE REPORTED TO ME WITH THE REQUEST THAT I HELP
LOCATE QUALIFIED WOMEN; SOME WERE LISTED IN RESPONSE TO LETTERS SENT TO MATH
DEPARTMENTS ASKING WHETHER THEY HAD POSITIONS FOR WHICH THEY WOULD CONSIDER
WOMEN; SOME COME FROM GENERAL ANNOUNCEMENTS OR NEWSPAPER ADS; SOME I LEARNED
OF THROUGH THE GRAPEVINE.

University of Illinois, Urbana--"a few positions" Primary requirement--"suffi-
cient mathematical talent to be a serious contender for a Sloan Fellowship."
Paul Bateman, chairman
Stanislaus State College, California "We want a good algebraist."
Louis Feldman or Narendru Maria
SUNY, Buffalo--algebraic geometer or topologist, applied mathematician
Nicholas Kazarinoff, chairman
Clemson University--two assistant professors, i) computer science, ii)
operations research, John Kenelly, chairman
University of Puerto Rico, Rio Piedras, San Juan PR 00931--commutative algebra,
algebraic geometry
University of Texas, Arlington--associate or full professor
University of Illinois, Chicago Circle--statistics
University of Missouri, St. Louis--full professor, algebra
Deborah Haimo, chairman
University of California, Berkeley--a fair number of instructorships and
probably an assistant professorship, John Addison, chairman
University of California, San Diego--one position especially for a woman
University of Nebraska, Lincoln--a number of positions at various levels,
preference to applied math, Loren Argabright, chairman
University of Kansas--several positions
Indiana University--several positions, no great enthusiasm for women
University of Rochester--Gail Young, chairman
University of Chicago--L.E. Dickson instructorship and regular instructorships
Haverford College--two assistant professorships, topology or algebraic geometry
preferred, but other specializations considered. Note: apply to Thomas
D'Andrea, acting provost.
Vanderbilt University--statistician, algebraist, B.F. Bryant, chairman
Oregon State University--two assistant professorships; one in algebra, analysis,
or applied mathematics, the other in math education.
Burton Fein, staff selection committee
Brown University-- Tamarkin Instructorships and possibly some visiting positions
Allan H. Clark, chairman
University of Wyoming--one or two temporary assistant professorships
J. Ray Hanna, acting head
Virginia Polytechnic Institute and State University--a few positions
C. Wayne Patty, chairman
University of Utah--some three-year nowrenewable instructorships
C.E. Burgess, chairman
Yale University--junior faculty position in Department of Computer Science
Peter Weiner, chairman
Princeton University--several openings at the junior level
W. Browder, chairman
Michigan State University--postdoctorals
C.P. Wells, chairman
University of Missouri, Columbia--possible openings
W.R. Utz, chairman
Dartmouth College--John Wesley Young Instructorship, regular position in computer
science, J. Laurie Snell, chairman
University of Arizona--applied mathematics, analysis, number theory, algebra,
topology, probability and statistics H. Rund, head
Whittier College--assistant professorship, preference to computer science or
analysis   Robert Pendleton, chairman (smog warning)
Bryn Mawr College--someone to follow in E. Noether's footsteps
Connecticut College--assistant professorship

University of North Carolina, Charlotte--assistant professor, computer science, instructor/assistant professor, applied statistics, instructor/assistant professor, mathematics/statistics/computer science (2 positions)
J.F. Schell, chairman
SUNY, Binghamton--may have some positions, statistics, numerical analysis, differential equations, senior positions
Louis McAuley, chairman
Community College, Blackwood, N.J. 08012--faculty position in math and assistant dean of academic affairs and director of admissions and records
For the faculty positions apply to the Dean of Academic Affairs; for the administrative positions to the office of the president
African Universities--mathematics and mathematics education positions in Ethiopia, Botswana, Lesotho, Swaziland, Ghana, Nigeria, Malawi, Uganda
Positions open only to US citizens who will be university employees with salary supplemented by AID funds. Apply to Transcentury Corporation, 1789 Columbia Road, N.W., Washington, D.C. 20009

Editorial comment
    While many math departments express willingness and even eagerness to consider women applicants, I have no solid evidence that they will hire women, even if they are more qualified than men. For example, the University of Maryland expressed an interest in hiring a woman and specified group representations. When an extremely well-qualified woman was proposed, those in charge suddenly decided that they really wanted someone in finite group representations, whereas the candidate was in infinite group representations. The University of California at Berkeley, under prodding from an Ad Hoc Committee on Women in the math department, appears, in the person of its chairman and hiring committee chairman, to be aware that a woman should be hired. It is admitted that there are well-qualified applicants; however, it is alleged that budgetary considerations preclude the offering of positions at this time, even though offers have been made to men. My only solution is vigilance on the part of women in departments (faculty and students) and others who are concerned to see that women are indeed hired plus outside letters to departments and/or provosts/chancellors. If you want some pressure from AWM, let us know. Also, a woman is not sufficient-- Berkeley should at this moment have offers out to four women, for example.

1972 Ph.D.'s
    A list of women getting Ph.D.'s in math this year is being prepared by Eleanor Palais and should be ready soon. If you want a copy, please send a stamped (24 cents) envelope to Mary Gray.

Institute for Advanced Study
    At the request of an AWM member a complaint has been lodged with the relevant government agency regarding the Institute's application form. In addition to the usual requests for information on accompanying wife and children and he, him references, the form asks for "Names of three men who know your work." If anyone is interested she might ask the Institute for figures on the number of women supported, etc.

Action Handbook
    Copies of Academic Women, Sex Discrimination and the Law: An Action Handbook are available from Carol Ohmann, MLA Commission on Women, Wesleyan Station, Middletown, Conn. 06457 for 50 cents each. Well worth it.

No Response
    A number of universities, including Harvard and MIT, did not respond to the AWM request for names of women Ph.D. candidates and lists of positions for which they would consider women.

LETTER TO THE EDITOR

To the Editor:

     On page 1 of the January 1972 Newsletter there appears the following sentence. "Were Lefschetz and others right in their contention that women cannot do mathematics and that having them around was a waste of time?" I wish to take issue with the statement (implicit in this question) that Professor Lefschetz has made such a contention.

     First I think it highly improbable that Professor Lefschetz ever expressed such an opinion because he has a very wide knowledge of mathematics and is of course well aware of the contributions of such Russian woman mathematicians as S. Kovalevskaya (nineteenth century), O. Oleinik, O. A. Ladyženskaya, N.N. Uralceva, and others.

     Secondly and more important, Professor Lefschetz has acted in a manner directly opposite to the contention ascribed to him. In 1957, he obtained research support for me at a time when my circumstances made it difficult for me to do much work. I had two children under the age of four, a twelve-hour teaching load, and a salary which permitted very little housefold help. (That I had a job in which I taught only twelve hourse was due to the liberality of the then chairman of the Mathematics Department at Brooklyn Polytech, Professor Ronald Foster.) It is clear from this description that my condition at that time was such that no self-respecting male chauvinist would have given me thirty cents worth of support. The moral encouragement and financial support which Professor Lefschetz gave me was of inestimable benefit to me. I would be remiss in my duty if I did not emphasize that far from being prejudiced, Professor Lefschetz acted in a manner which even today would be tolerant and, in the social climate of 1957, was miraculously broad-minded.

                                             Jane Cronin Scanlon
                                            Rutgers University

ADMINISTRATIVE OPENINGS

Dean of Professional Studies, State University College, Oneonta, N.Y. 13820 Assume responsibility for professional teacher training and education programs. Normal starting salary 20,125. Dr. Jerry Shannon, Chairman, Dean of Professional Studies Search Committee.

Vice President for Academic Affairs, State University College, Oneonta, N.Y. Serve as executive deputy to president with overall responsibility for curricular, instructional, and research programs of college. Normal starting salary 24,600. Dr. William Dixon, Chairm, Vice-presidential Search Committee.

Presidencies of the following SUNY campuses SUNY College at Fredonia, SUNY College at Geneseo, SUNY College at New Paltz, SUNY at Binghamton. Harry W. Porter, Provost, SUNY, Thurlow Terrace, Albany.

President, Mercy College, Dobbs Ferry, N.Y., Russell L. Weiss, Chairman, Search Committee, c/o Bank of Commerce, 50 East 42 Street, N.Y., N.Y. 10017

President, College of Mount St. Joseph, Mount St. Joseph, Ohio 45051, 4-year liberal arts college for women, suburban Cincinnati, James F. Wasserman, Chairman, Search Committee

Special assistant to the President, Catonsville Community College, Catonsville, Md. 21228. Women's studies, affairs, problems, community liasion. Salary 10,000-14,000. B.A. Barringer, President, Catonsville Community College.

AWM Meeting in Las Vegas

When it was observed that men were doing most of the talking at the originally scheduled meeting, it was decided to meet the next day with the men excluded. There was considerable exchange of experiences, advice, etc. at the second meeting. Start thinking of women to nominate for AWM offices at the summer meeting. Needed: someone to organize a New York area AWM meeting.

The purpose of the Association for Women in Mathematics is to improve the status of women in the profession. Various programs are underway, e.g., placement of recent women Ph.D.'s, lectures by women mathematicians in high schools and colleges and in MAA films. Advice is available on job-hunting, nepotism, discrimination on the job, publishing a book, combining mathematics with family responsibilities.

ASSOCIATION FOR WOMEN IN MATHEMATICS

MEMBERSHIP APPLICATION

Name _____

Mailing address _____

_____

_____ Zip _____

Institutional affiliation, if any _____

Position _____

Special interests

_____ Employment   _____ Liasion with AMS

_____ Nepotism   _____ Liasion with MAA

_____ Women's studies   _____ Encouragement of students

_____ Fellowships   _____ Women in administrative positions

_____ Research grants   _____ Affirmative action plans

_____ Advisory panels   _____ Book publishing

_____ Other (please specify)

Send 2.00 annual dues to   Mary W. Gray   Office phone
                            Department of Mathematics   (202)686-2393
                            American University   Home phone
                            Washington, D.C. 20016   (301)652-0755

Make check payable to ASSOCIATION FOR WOMEN IN MATHEMATICS.

M. W. Gray
Department of Mathematics
The American University
Washington, D.C. 20016

Prof Alice T. Shafer
Dept of Mathematics
Wellesley College
Wellesley MA
02181

Supplemental list of positions

Apply to Director, School of Statistics, Univ. of Minn., Minneapolis, MN 55455--Ph.D. in stat, experience as a consultant in biological or social sciences, three years, university teaching, publications in theoretical or applied stat--position as associate professor
Vanderbilt University--applied statistics B.F. Bryant, chairman
Howard Community College, Columbia, Md.--minimum of M.A. and two years experience, math
Luther College, Decorah, Iowa--R.S. Jacobsen, chairman, math, 12 -hour teaching load, Ph.D. or A.B.D., 9,500-11,000
Southwestern College, Chula Vista, Calif.--L.E. Gardner, chairman, math;M.A. required, experience preferred
Oregon State University--postdoctorals in biostatistics
Cal State, Fullerton, Edsel F. Stiel, chairman--applied math, probability or stat, Ph.D., 11,000, assistant prof
Shepherd College, Shepherdstown, WV 25443--apply to James L. Kelso, position of dept chairman
McMaster Univ, Hamilton, Canada--position of president, apply to F.H. Elliott, Room 203, Gilmour Hall, McMaster Univ. Hamilton, Ont.
Dean of Admissions, U.S. Naval Academy, 19,703-29,161, send application SF-171 (available from Civil Service Commission offices) before March 6 to Director of Civilian Personnel, U.S.Naval Academy, Annapolis, Md 21402, M.A. plus admissions experience. If you can possibly qualify, please apply as Navy's claim to b e an equal opportunity employer should be tested. I believe they have no women faculty.
Allegheny County Community College (Pittsburgh PA)--position of president, community college teaching and administrative experience required. Apply to Dean of Students, Community College of Allegheny County, Pittsburgh 15212
Willamette College, Salem, Oregon, department chairman position
Texas A. and M., G.R. Blakley, head--assistant professor, numerical analysis, D.E., matrix analysis, combinatorics, group theory, geometry, complex function theory
Empire State (Albany, NY)--contact Barbara Abrash, R.D.1, Rensselaer, New York 12644
University of Washington, Ross A. Beaumont, chairman, ass't prof
Rutgers--applied math Kenneth G. Wolfson, chairman
Douglass College, New Brunswick, N.J. Tilla Milnor, chairman
American University--provost, contact Mary Gray

Note: Adam Kleppner, chairman at Maryland, claims that in spite of the department's record so far this year he really is interested in qualified women in algebra and number theory.