

ASSOCIATION FOR WOMEN IN MATHEMATICS
NEWSLETTER

volume 3, number 2

February 1973

Report from Dallas

AWM panel

The AWM panel on employment and affirmative action provided a considerable amount of valuable information for the sizeable number of mathematicians who attended. Prof R. D. Anderson, chairman of the AMS committee on employment, presented an overall picture of the situation, pointing out that while the new Ph.D.'s this year may have less trouble getting jobs this year the plight of the "non-retained" will be critical. Anderson's contention that "reverse discrimination" has made things easier for women was not well received--nor borne out by the statistics we have collected and published in previous newsletters. Dr. Vera Pless presented some information on legal requirements of affirmative action and on some proposed goals for math departments (see Goals for Women in Science, publication of the Boston group WISE). Prof Tilla Milnor, chairman at Douglass College, talked about the role of a department chairman in affirmative action and related matters. Prof Judith Elkins described the AWM employment service which she operates and gave some new statistics. Prof Diane Laison concluded the panel by presented the perspective of a new Ph.D. We have the panel on tape and Pless and Laison may publish their talks.

AMS Council

The Council recieved the report of the Committee on Women, but the only substantive action was to approve the establishment of a roster. Please cooperat  by filling out the form for this, even if you are not job hunting. If you haven't received a form, request one from the AMS office in Providence. This is for Ph.D.'s only. Another recommendation approved was that the AMS and MAA cooperate on a similar undertaking for all women mathematicians, but I know of no action on this as yet. You might write Prof Ralph Boas, the new MAA president, expressing an interest in the project. The Committee on Women is meeting April 8 to come up with additional recommendations for Council action on April 20. If you have some ideas, please let me know soon.

The Council passed a resolution about Ph.D. programs in traditionally Black institutions, but due to their neglecting to invite anyone from the institutions most concerned they seemed to have passed something which offends a substantial number of Black mathematicians by its patronizing tone. There will be an attempt to remedy this at the April meeting.

The Council decided to allow candidates in the next Council election to submit up to 100 words of campaign material to be distributed with the ballots. AWM must think about whom to support if we are to get out petitions in time. The Philadelphia chapter has offered to take charge of this matter. I intend to propose at the April Council meeting that nomination-by-petition be extended to vice-presidents and president-elect. One point Anderson made in the AWM panel was that the AMS has a good attitude on women as shown by the fact that there are 5 women on the Council; however, he neglected to mention that the bad attitude of the leadership is shown by the fact that they are all elected members and none of the appointive offices (or uncontested elective ones) are filled by women.

The Council moved toward social involvement by agreeing to write to the president of the USSR Academy of Sciences requesting that Soviet Jewish mathematicians be allowed to emigrate to Israel and by instructing the Secretary of the AMS to send free AMS publications to the Vietnamese universities damaged by the war.

Prof. E.E. Moise introduced a resolution on women, implementing his campaign promises as published by the AWM. It basically had to do with allowing women to take time off for childbirth and childrearing without penalty. A provision relating to parttime employment was deleted. While there is nothing wrong with the resolution it is upsetting to see that many men feel that women can under no circumstances combine a fulltime uninterrupted career with raising a family--perhaps many women also feel this to be the case, but I think that a variety of arrangements are possible and that it may be unwise to foster the notion that all sorts of special provisions need be made for women. On important matter on which there is no disagreement, however, is that universities cannot be allowed to compel women to take maternity leave. A series of court cases and the HEW guidelines have more or less eliminated such requirements by now, but some remain.

A resolution from the AMS Committee on Employment more or less washed the committee's hands of the employment problem, citing the existence of a number of AMS committees concerned with aspects of the problem (such as the Committee on Women, the Committee on Academic Freedom and Job Security) and urging that current efforts (whatever they are) be expanded. The resolution was tabled and the Executive Committee of the Council is to come up with something more positive. If you have any specific suggestions for alleviating the job crisis please let me know or write directly to Prof Everett Pitcher, Lehigh University, AMS Secretary.

The Council agreed to cosponsor a centennial celebration at Johns Hopkins over my protests regarding the institution's racist and sexist history. At least one AMS Fellowship for a fresh Ph.D. will be awarded in 1974-75, strictly on the basis of mathematical merit. More may be awarded if AMS members contribute sufficient funds.

No matters of any mathematical substance were discussed, although there was the usual report on the financial crisis of Math Reviews.

AMS Business Meeting

A resolution was passed urging that future meetings be held in less expensive settings. Three resolutions were voted on as agenda items for the San Francisco meeting in January 1974. One dealt with lobbying efforts of the AMS to divert funds from military to educational spending, one dealt with efforts to get universities to stop cutting math positions and the one of most interest to AWM dealt with getting the Society to provide legal aid for any mathematician who can convince the AMS Council that she/he has a prima facie case of race, sex or political discrimination.

MAA

We need to concentrate on electing someone from AWM to the MAA Board of Governors and get the meetings of the Board opened up to the public.

General comment

Men are often heard to allege that women don't take math seriously as evidenced by the fact that few women are seen at meetings. This was certainly not the case at Dallas. I have never seen so many women mathematicians; there were 15 women at one of the special ring theory sessions I organized. Credit goes to Associate Secretary Paul Bateman for getting many women to chair sessions. One pity was that so few male department chairmen showed up at the AWM panel on employment and affirmative action since they needed to hear it more than anyone. However, there are still many women who are not aware of the legal remedies that exist for them. Rather than repeating the relevant information in every issue of the newsletter I am going to suggest some local sources. If they fail, you can call me office: (202)686-2393, home: (301)652-0755. I hope to get some other knowledgeable women to serve as regional references; if you want to volunteer, let me know. Now for the local sources. Many campuses have a women's committee or task force; most AAUP chapters have a Committee W. If there is none or if they need additional guidance, write the national Committee W, c/o Margaret Rumbarger, AAUP, One Dupont Circle, Washington DC.

Local chapters of NOW (National Organization of Women) or WEAL (Women's Equality Action League) may also be helpful. Your university or industry should have an affirmative action or EEO officer, who may well be part of the establishment and not very helpful, but may be a source of information. For general complaints file with Equal Employment Opportunities Commission, regional office; for those concerned with salary, call the nearest Wages and Standards Division of the Dept of Labor. In some states there is also a state equal employment or human rights office which handles discrimination complaints. On this issue, the AMS Executive Director reports that the Rhode Island Commission on Human Rights is investigating a complaint against the AMS alleging discrimination in salaries on a sex basis. He claims that the complaint has no basis in fact, but his contention would be more convincing if documented. As a minimum I am requesting figures on the number of men and women employees of the Society in the under and over 15,000 brackets.

Mary Gray

Regional news

There will be an AWM meeting at the Ohio sectional meeting of the MAA in Athens at Ohio University on April 13 or 14. For details contact Ruth Haddock, Dept of Math, Akron Univ, Akron OH 44304.

The Philadelphia chapter of AWM is meeting regularly. For information contact Joan Hutchinson, Dept of Math, Univ of Pennsylvania.

For information on Boston area AWM contact chairperson-elect Alice Schafer, Dept of Math, Wellesley College, Wellesley, MA.

New York area AWM members are invited to attend the AMS Council meeting in New York April 20. If someone volunteers to do the organizing there will be an AWM meeting in conjunction with this AMS Sectional Meeting.

There will be a joint AWM-Society of Women Engineers Washington-Baltimore area on March 25 at 4 p.m. at 6807 Connecticut Ave., Chevy Chase, MD.

For information contact Mary Gray.

How about some more AWM meetings at MAA and AMS sectional meetings?

If you are job hunting, send your vita to Judith Elkins, Ohio State, Columbus, OH 43210. If you want to be considered for such things as committee appointments, send your vita to Mary Gray, American Univ, Washington DC 20016. Also send both information on job vacancies.

Government Reports

None of the Senators questioning the new Labor Secretary at his confirmation hearing bothered to ask about his intentions to improve the status of 33 million working women. NOW complained about this as well as about the exchange of sexist jokes between Brennan and Sen. Harrison Williams (D-NJ) during the hearing. Copies of questions NOW wants asked are available on receipt of a self-addressed stamped envelope from NOW's legislative office, 938 National Press Bldg., Washington DC 20004. If you live in NJ or in the states of other members of the committee (Javits (R-NY), Kennedy (D-MA), Taft (R-OH), Schweiker (R-PA), Dominick (R-CO), Pell (D-RI), Hughes (D-IA), Randolph (D-WV)) you might want to write and ask why there was no time to inquire from Brennan about the status of working women.

If your state has still not acted on the Equal Rights Amendment, start thinking about what you can do to get your state legislature to ratify it. Twelve states are still needed and prospects are not good.

The following information is excerpted from WEAL's Washington Report on pending federal legislation. In each case key members whom you can write on behalf of the legislation are listed.

Social Security Reform. Proposed reforms would allow husband and wife both to draw benefits if both have contributed and would institute some provisions of retirement benefits for housewives. Key Members: Reps. Wilbur Mills and

Martha Griffiths and Sen. Russell Long.

Bank Loans and Consumer Credit. Rep Bella Abzug has introduced bills to outlaw discrimination against women in financial and credit transactions. There has not been a similar bill introduced in the Senate, but pressure on Sens Mondale (D-MN), Cranston (D-CA) and Proxmire (D-WI) of the Senate Banking Committee might get one or more of them to do so. Key members of the relevant House committee include Leonor Sullivan (D-MO) and Margaret Heckler (R-MA).

Women's Equality Act. Would amend Titles II and VI of the 1964 Civil Rights Act to prohibit discrimination based on sex in access to public accommodations and in federally assisted programs and would outlaw sex discrimination in sale, rental or financing of housing. Key members: Reps Don Edwards (R-CA), Peter Rodino (D-NJ), Edward Hutchinson (R-MI) and Sens Birch Bayh (D-IN), James Eastland (D-MS), Hruska (R-NB).

Women's Education Act. Would authorize the Secretary of HEW to make grants to develop non-sexist texts and tests, nondiscriminatory vocational and career counselling, sports education and other education programs and activities. Key members: Reps Patsy Mink (D-HA), Carl Perkins (D-KY), Albert Quie (R-MN), Senators, some of whom must be persuaded to introduce legislation similar to that introduced by Mink in the House, are Claiborne Pell (D-RI), Kennedy (D-MA), Cranston (D-CA), Mondale (D-MN), Stevenson (D-IL), Taft (R-OH), Javits (R-NY).

Women's Bureau. No one has yet been named to replace Libby Koontz at the head of this important agency.

Women appointees. Jewel LaFontant was appointed Deputy Solicitor General and Anne Armstrong counselor to the President "with Cabinet rank."

NIH has published a revised edition of its Guide to Grant and Award Programs. Available from NIH Information Office, Division of Research Grants, Room 433, Westwood Building, Bethesda MD 20014.

Employment

Average salaries for 1973 graduates with bachelor's degrees:

	Women	Men
Engineering	905	905
Business administration	729	722
Sales, marketing	715	804
Accounting	867	902
Liberal arts	715	724
Math/stat	823	796

(listed as data processing-mathematics for women--sounds as if they have been reading Gerstenhaber's Math Monthly article. By the way, watch the Monthly for a forthcoming reply.)

A new study by the National Education Association shows that at least 100,000 excess teachers are being trained each year, but reports there are still shortages in some areas of the sciences.

The entering class of medical students this year includes 20 percent women, up from 13.5 last year.

In 1969 women held 37 percent of the professional and technical jobs in this country, compared to 45 percent in 1940. In 1969, among the women who had completed 5 years or more of college, 7 percent were working as service workers, operatives, sales workers or clerical workers. Nearly 20 percent of the women with 4 years of college were employed in these occupations. In 1970, 4.3 million women worked in professional and technical jobs with a median income of 7309 per year, 65 percent of the income received by men in professional and

technical jobs. These and other statistics are in a paper Women in Science and Engineering: Are Jobs Really Sexless? by Roberta Nichols, available from American Society of Mechanical Engineers, United Engineering Center, 345 East 47th St, NY 10017 for 3 dollars for non-members, 1 for members.

From the readers

Martha Bertman writes: A fellow whose topic of conversation identified him as a chemistry T.A. was complaining about the general level of excellence of his fellow T.A.'s. Since he was at the moment in the math dept. coffee room and on unfamiliar ground, I volunteered that there were some fantastic educators among the math T.A.'s. And he said, "Oh? Is your husband a T.A. in the math dept?"

Several wrote to clarify the remark on childcare deductions. 18,000 net income is not an absolute cutoff for deductions but rather the point at which the amount diminishes as the income goes up; moreover, the calculations are on a monthly basis, which can be important for academic employees. Check the rules carefully. Note also that housekeeping help can be deducted if you have children but not otherwise.

LOOKING FOR DOUBLE JOBS?

In the Triangle area of North Carolina there are at present 197 people with Ph.D.'s in the mathematical sciences employed at colleges and universities (most of them at the University of North Carolina at Chapel Hill, North Carolina State University at Raleigh, and Duke University in Durham). In addition, there are many professional people employed in the Research Triangle Park, which has 18 mostly research-oriented facilities (including IBM, National Institute of Environmental Health Sciences, Burroughs Wellcome, etc.). Each of these places is less than 45 minutes from any other place on the list; most pairs are less than 25 minutes apart. Commuting time between UNC at Greensboro (outside the Triangle area--12 more Ph.D.'s) and Durham or Chapel Hill is much worse, but some people do commute.

None of these universities has a tenured female Ph.D. in math. Neither Duke nor Chapel Hill has any women on their math faculty.

For more information about the math departments in the area, look at the Guide Book to Departments in the Mathematical Sciences published by the MAA. For more information about the Research Triangle Park, write N.C. Board of Science and Technology, P.O. Box 12235, Research Triangle Park, N.C. 27709, and ask for the Research Triangle Park Directory.

The Amherst, Massachusetts area has 5 colleges (University of Mass., Amherst, Mount Holyoke, Smith, and Hampshire College) with more than 94 mathematical science Ph.D.'s employed.

Anyone who knows of other areas which are unexpectedly good for double jobs should let us know.

Mary B. Williams

JOBS

Harvard. Benjamin Pierce Lectureships. 3 year appointments. Contact Raoul Bott, Chr, Dept of Math, Harvard, One Oxford St, Cambridge MA 02138

Columbia. Ritt assistant professorships. 1 year appointments with the expectation of 2 additional years. Contact Ms Barbara DeGraff, administrative assistant, Dept of Math, Columbia, NY 10027

Illinois. 1 appointment at associate or full professor level for an "outstanding algebraist," 2 appointments at ass't professor level in applied math, DE or mathematics of computation. Contact Paul Bateman, Chr, Dept of Math, Univ of Illinois, Urbana IL

Vanderbilt. Possible opening for someone who "straddles" analysis and geometry. Contact B.F. Bryant, Chr., Dept of Math, Vanderbilt, Nashville TN 37203.

Univ of Houston. 2 openings in applied math. Contact J.W. Younglove, Chr, Dept of Math, Univ of Houston, Houston TX 77004

Syracuse. 2 positions for new Ph.D.'s in stat, applied math, to teach undergrad courses involving applications to social sciences, engineering. Contact Erik Hemmingsen, Chr, Dept of Math, Syracuse Univ, Syracuse NY 13210.

Northern Illinois. 3 positions at asst prof level. Contact John L. Selfridge, Chr, Dept of Math, Northern Ill Univ, Dekalb IL 60115

Wesleyan. 1 asst prof position. Contact James D. Reid, Chr, Dept of Math, Wesleyan Univ, Middletown, CT 06457

Univ of Oregon. Possible 2 or 3 asst professorships and possible vacancy at higher level. Contact G.T. Beelman, asst to head, Dept of Math, Univ of Oregon, Eugene OR 97403

Connecticut College. position of asst prof for 2nd semester of 1973-74 only. Parttime position (1 course) for first semester of 1973-74. Contact L. Aileen Hostinsky, Chr, Dept of Math, Connecticut College, New London CT 06320

Clark Univ. 1 junior appointment, experience in math ed, to plan and coordinate B.A. and M.A. math ed program. Salary 11,500 to 12,500. 1 intermediate level position (14,000 to 15,000) temporary (1 or 2 year) in algebra, complex analysis or category theory. Dept of Math, Clark Univ, Worcester, MA

Iowa State. asst prof of political science and stat to teach stat and political science research methods. Contact Charles Wiggins, Chr, Search Committee, Dept of Pol. Sci. Iowa State, Ames, Iowa 50010

Genesee Community College. Chr of Math Science division. M.A. and at least 6 years full-time teaching experience, preferably at jr college level. Contact Dean of the College, Genesee Comm. College, Batavia, NY 14020

Ohio State. Postdoc in stat, distinguished visiting prof in stat, possible regular opening. Contact Ransom Whitney, Chr, Dev. of Stat, Ohio State, Columbus OH 43210

Univ of Chicago. L.E. Dickson Instructorships in Mathematics. Contact Chr., Dept of Math, Univ of Chicago, Chicago IL 60637

Lehigh Univ. Possibly one vacancy at asst prof level. Contact Everett Pitcher, Chr, Dept of Math, Lehigh Univ, Bethlehem PA 18015

Univ of South Carolina. 3 or 4 visiting of regular appointments at asst, assoc or full prof level. Priority to applied math and stat. Contact Chr, Dept of Math, Univ of South Carolina, Columbia SC 29208.

Univ of Texas. Possible openings at the instructor or asst prof level. Contact Leonard Gillman, Chr, Dept of Math, Univ of Texas, Austin TX 78712

Montana State. Position at asst or assoc. prof level. Functional analysis. Contact Robert D. Eagle, Dept of Math, Montana State, Bozeman Montana 59715.

Temple Univ. Rumored openings, but chairman reports none. Senior algebraist, junior numerical analyst, DE, comp sci, foundations. Contact Chr, Temple Univ, Philadelphia PA 19122

Univ of Maryland. One of the previously reported asst professorships may be upgraded to assoc or full for exceptionally well-qualified candidate. Also, position of administrator of graduate program, M.A., experience with graduate programs, administrative experience. Contact J.K. Goldhaber, Chr., Dept of Math, Univ of Maryland, College Park, MD 20740

Univ of New Brunswick. Chairpersonship. 3 year term beginning 1 July 1973, renewable by mutual agreement. Ph.D., strong interest in research and teaching, prior administrative experience desirable. Contact T.J. Condon, Dean of Arts and Chr of Search Committee, Univ of NB, Fredericton NB, Canada

Univ of Virginia. Position of asst prof, position for topologist at assoc prof level with tenure. Contact Kevin McGrimmon, Chr, Dept of Math, Univ of Virginia, Charlottesville VA 22903

Columbia. asst prof in mechanical engineering, energy conversion preferred. Contact H.G. Elrod, Columbia Univ, NY 10027

Washington State. Position in OR or other applied math. Contact C.T. Long, Chr, Dept of Math, Pullman WA 99163.

Univ of Mass. George David Birkhoff Professorship. No restrictions as to field. 5 positions from the following: assoc or full prof in stat or prob; asst or assoc prof in applied analysis, preferably expert in numerical methods who is also knowledgeable in PDE; asst prof in diff geometry or global analysis; visiting assoc or full prof in functional analysis, operator theory, several complex variables or PDE; coordinator of programs for minority students, Ph.D. preferred but MA considered, non-research position not likely to lead to long-range retention; one semester position for visiting prof experienced in organizing and teaching a calculus course for life and social science students involving extensive math models and conducted partly on self-paced basis. Contact Murray Eisenberg, acting head, Dept of Math, Univ of Mass, Amherst 01002

Oklahoma State. Director of School of Mathematical Sciences. Administrative talent and academic excellence. Contact Leroy Folks, Chr, Search Committee for Director of School of Math Sci, Stillwater, OK 74074

Chico State. Dept chairpersonship. Ph.D. in math required, must currently be assoc or full prof, prefer some administrative experience. Contact Eldon J. Vought, Chr, Selection Committee, Dept of Math, Chico State, Chico CA 95926

Hampshire College. Dean of Natural Science and Math, position in math, house masterhips. Shared appointments possible. Position in comp sci, Amherst MA 01002.

Univ of Iowa. 2-year appointment as asst prof, applied math preferred, salary 11,000, 6-8 hour teaching load. Contact Richard R. Goldberg, Chr, Dept of Math, Univ of Iowa, Iowa City IA 52240

Concordia College. ABD in math ed, strong math background, comp sci desirable, secondary school teaching experience required. Contact Charles V. Heuer, Chr, Dept of Math, Moorhead, MN 56560

Bryn Mawr. asst prof, current or recent Ph.D., applied math or numerical analysis preferred, but not of primary concern. Contact John C. Oxteby, C Dept of Math, Bryn Mawr College, Bryn Mawr, PA 19010

Kirkland College. Position of Dean of Faculty, July 73 or Jan 74. Doctorate in academic field, interdisciplinary work a plus. Contact Samuel F. Babbitt, President, Kirkland College, Clinton NY 13323.

Univ of Iowa. asst or assoc prof to teach actuarial science, associate or fellow in Society of Actuaries preferred, Ph.D. or ABD. Asst or assoc prof on joint appointment with stat and industrial engineering. Ph.D. in stat or OR. Interest in applied time series with industrial and computing experience preferred. Contact Robert V. Hogg, Chr, Dept of Stat, Univ of Iowa, Iowa City 52240

Chatham College. Asst prof, Ph.D. required, interest in interdisciplinary cooperation. Contact William A. Beck, Chr, Dept of Math, Pittsburgh PA 15232

Grand Valley State College. New self-paced, modular liberal arts college seeks faculty with strong discipline credentials and experience in writing and using learning modules. Start in July or Sept, math or stat. Contact Robert J. Toft, Dean of College IV, GVSC, Allendale MI 49401

SUNY College, New Paltz. Dean of Graduate Studies. Contact Samuel J. Bodanza, College Hall F, SUNY College, New Paltz NY 12561

Harford Community College. Asst dean for curriculum and asst dean for instruction. Dean of Curriculum and Instruction. Contact Kenneth W. Osting, President, 401 Thomas Run Road, Bel Air MD 21014

SUNY Albany. Dean, School of Education. Contact J. Ralph Tibbetts, Chr, Search Committee, School of Education, 1400 Washington Ave, Albany NY 12222

Marymount College. Academic Dean. Contact John Palmer, Chr, Search Committee, Marymount College, Tarrytown NY 10591

SUNY Maritime College. 2 administrative positions requiring M.A. +. Experience in transportation, industry, continuing education at college level desirable. Also, director of admissions, much travel required, B.A. + experience. Contact D.J. Duffy, Fort Schuyler, Bronx, NY 10465.

SUNY Agriculture and Technical College. Dean of instruction, div chr for gen ed. lib arts, nursery ed. Contact Gordon Myers, Personnel Director, Canton NY 13617

Texas Tech. 2 lectureships, 2-year appointments, 11,000 for 9 months, summer support possible, 9-hour teaching load. Contact Dalton Tarwater, Dept of Math, Texas Tech, Lubbock TX 79409

Univ of California, San Diego. One junior position in algebra, one junior position in some applied area, one junior position, field unspecified. One senior position in math stat, computational math or other applied area. Contact Jacob Korevaar, Chr, Dept of Math, UCSD, La Jolla CA 92037

Univ of Pittsburgh. Dean of College of Arts and Sciences. Contact Search Committee for CAS Dean, c/o Ms Tinina Quick, Office of the Provost, 801 Cathedral of Learning, Univ of Pittsburgh, Pittsburgh PA 15213

SUNY Albany. Math positions in a new Social Science college, interdisciplinary experience preferred. Contact Dean Seth W. Spellman, Allen Collegiate Center, SUNY at Albany, Albany NY 12222

St. Peter's College. Director of Special Programs to plan and execute special academic, cultural and social programs for college of 5,000 students. Experience required, master's preferred. Contact Edward J. Heavey, S.J., Dean of Students, St. Peter's College, Jersey City, NJ 07036

Wilberforce University. Academic dean, salary range 18,000-24,000. Contact Lee E. Sellers, Chr, Search Committee, Wilberforce Univ, Wilberforce OH 45384

Edison Township Schools. Director, secondary education. 5 years teaching and 3 years administrative or supervisory experience required, doctorate or ABD, must hold or be eligible for certificate in administration or supervision. Starting salary to 27,000. Contact Joseph Kreskey, Edison Township Schools, 2825 Woodbridge Ave, Edison NJ 08817

Kuwait Univ. Positions for Ph.D.'s in pure and applied math. Contact Embassy of Kuwait, 2940 Tilden St., N.W., Washington DC 20008

Pennsylvania State. Dept head, computer science. Contact Malcolm H. Gotterer, Computer Science Dept, Whitmore Lab, University Park PA 16802

Univ of Maryland. Visiting position in foundations and philosophy of math, for 1973-74 at professorial level, other levels possible in subsequent years. Contact E.G.K. Lopez-Escobar, Dept of Math, Univ of Md, College Park Md 20742

Oberlin. Position in optimization, programming, queueing and/or related topics. Contact Samuel Goldberg, Dept of Math, Oberlin College, Oberlin OH 44074

Univ of Maine at Fort Kent. Instructor or assistant prof to teach undergraduate courses. Contact Ben Liles, Div Chr, Cyr Hall, Univ of Maine, Fort Kent ME 04743.

Univ of Montana. Equal employment opportunity officer. Master's preferred but not required. Experience in any field of human relations, academic or non-academic required. Contact George L. Mitchell, Administrative Vice President, Univ of Montana, Missoula, Montana 59801

Naval Underwater Systems Center. Director of computer laboratory, salary 26,900-35,000. Contact James G. Wright, Personnel Management Specialist, Naval Underwater Systems Center, New London, CT 06320

St. Thomas Aquinas College. Director of Admissions. Starting August 1973. Contact Box S, St. Thomas Aquinas College, Sparkill NY 10976

Northeastern Illinois. Director of Program Development, to coordinate experimental programs. Contact Robert J. Goldberg, V.P. for Academic Affairs, Northeastern Illinois Univ, Bryn Mawr at St. Louis Ave, Chicago IL 60625

SUNY, Old Westbury. V.P. for Academic Affairs. Contact Douglas W. Palmer, Chr, Academic V.P. Search Committee, SUNY College at Old Westbury, NY 11568.

Indiana-Purdue at Indianapolis. Chancellor. Contact IUPUI Chancellor Search and Screen Committee, 735 W. New York St., Indianapolis, IN 46202.

Bremen, Bremerhaven. Bachelor's through Ph.D, secondary teaching experience, sufficient fluency to teach in German. Starting 8/1/73 or 9/1/73 for one of two years. Contact Senator fur Bildung, Wissenschaft und Kunst-Az. 80/1,2800 Brem 1, Rembertiring 8-12, Western Germany

Naval Ship R and D. Math and computer science, bachelor's. Carderock MD.

US Office of Education. Educational programs specialist. Washington DC

Burroughs Corporation. Bachelor's in math, comp sci for sales.

Chase Manhattan Bank. Bachelor's in math for various fields in banking. NYC

Specialties Directory

The Philadelphia chapter of AWM wants to start a directory of women mathematicians who are interested in collaborating with other women mathematicians. If you are interested in being listed in such a directory please send your name, address and fields of interest to Françoise Schremmer, 103 West Upsal St., Philadelphia PA 19119.

Starting next issue (we hope) Letter from New York and Letter from Canada as regular features. We also hope to get volunteers to do items on mathematics, women and both in other countries. Moreover, we are still hopeful that we'll get the article on publishing and a graduate student column.

From Schools and Colleges

An advisory committee to CUNY Chancellor Robert J. Kibbee has found that women employees of CUNY are victims of sex discrimination in hiring, promotion and salary determination. The study, containing 37 proposals for remedies, is now being reviewed by the Board of Education. The findings, which are not much of a surprise, find that there are few women in high level administrative positions, that women are rarely hired at the upper professorial ranks, that sex segregation is prevalent in support staff--all architects are male, all secretaries are female and even though the latter perform many administrative duties they have little chance for advancement into administrative ranks, that financial aid to women graduate students averages 1,000 less per year than to men; that female instructors average 2,838 less annually than male instructors, etc. (see Women Today, vol. 3, no. 3)

WEAL has issued a definitive paper entitled "Sex Bias and the Strong Vocational Interest Test." Its author, Dr. Gloria Leon, says "A comparison of the items in each section of the male and female versions of the Strong Inventory reveals the pervasive influence that sex role stereotypes have on the differential vocational expectations for men and women." For more information contact WEAL, 621 National Press Building, Washington DC 20004

Along the same lines, a new publication is available from American Personnel and Guidance Association, 1607 New Hampshire Ave, NW, Washington DC 20009. It is called Counseling Girls and Women Over the Life Span and costs 2.50.

Still on stereotyping--The Ford Foundation has given 123,000 to help develop a resource center to counter sex bias in elementary and secondary schools.

For more information contact National Foundation for the Improvement of Education, 1507 M St., NW, Washington DC 20036

Available from the US Dept of Labor, Employment Standards Administration, Washington DC 20210, is a fact sheet explaining the basic provisions, coverage, enforcement, confidentiality and employee protection and complaint procedures for the Equal Pay Act of 1963, as extended by the Education Amendments of 1972.

A department spokeswoman, Morag MacLeod Simchak, says the dept is "actively seeking complaints under the Equal Pay Act of 1963 and its extension of coverage."

Write to Ms Simchak, Special Assistant to the Assistant Secretary of Labor for Employment Standards at the above address for her unofficial paper on the subject. Paternity Leave

A New York teacher has won his first round in court in his struggle with the Board of Education to obtain the right to take extended child care leave.

From the East

Almost one-third of the students at East Germany's technical universities are women. However an academic administrator is quoted as follows: "Promoting women is hard. I know it's not their fault, but it is a fact that they don't finish their dissertations and examinations on schedule. When I have to account for our group's performance under terms of the annual plan, I get no consideration for the fact that I've hired women."

BACKLASH

For a really scary article on backlash see U.S. News and World Report, 1 Jan 1972, p. 48.

The Prince Georges County Council (Maryland) adopted a resolution urging the Board of Education to appoint more women as secondary school principals. The Council noted that only two women have been appointed to such positions since 1946. The usual reply was made by the director of school personnel: "there has been an absence of women applying for the position." A woman school board member said "...running a secondary school is getting to be a 24-hour job and most women, especially those with families, just don't want that kind of job."

The Supreme Court has agreed to review a Connecticut case involving state residency rules for tuition classification. A Virginia woman recently got an out-of-state tuition bill from George Mason Univ even though she was and is a lifelong Virginia resident because her recently acquired husband has not lived in the state 6 months. She got the ruling reversed by the school.

A research study of fellowship programs prepared for the Association of American Colleges found that roughly 80 percent of the awards in nearly 70 of the nation's most respected fellowship programs are awarded to men. Women in Fellowship and Training Programs is available from AAC, 1818 R St NW, Washington.

A comprehensive set of recommendations for women students, staff and faculty developed by Wayne State's Women's Commission is available from Arthur Johnson, V.P. for University Relations, Wayne State Univ, Detroit MI 48202. AWM member Lida Barrett chaired a task force on women at the Univ of Tennessee which prepared a similar report.

UNDER FIRE

Howard Johnson's, whose Tampa restaurant has a dining area reserved exclusively for men. Hart, Schaffner and Marx, whose policy is to charge for alterations to women's clothing but to alter men's free. Job Corps, whose Woodstock Md facility is to be for men only since the job opportunities in the Baltimore area, in the Corp's words, are more suitable for men than for women. Technology Review, which, in describing the joint authors (both Ph.D.'s) of a paper, used Dr. Stumm and Elisabeth Stumm. Cosmos Club, an exclusive Washington club, which recently voted 274 to 203 to retain its policy of refusing to admit women as members. Congratulations to Harrison Brown, Foreign Secretary of the National Academy of Sciences, who has resigned because of this decision. It is interesting to note that the nomination of black journalist Carl Rowan ten years ago sparked a dispute which led first to the withdrawal of several prominent members and some prominent nominees for membership, including JFK, and eventually to Rowan's admission and a policy against exclusion on the basis of race, color, religion or national origin. As a gesture, the Club is now letting women use the front door after years of relegating them to the side entrance. As usual much of the discussion centered on restroom facilities. It seems that the Cosmos Club is taking the same view of women and clubs as the comedian W.C. Fields: "I'm in favor of clubs for women, especially if all other forms of persuasion fail."

Publications of Interest

"Sex Discrimination Patterns at Southern Illinois University" Dolores Muhich, 516 South University Ave, Carbondale Illinois

"Consciousness-Raising in the Form of an Interview," Bob Brannon, Psych Dept Brooklyn College, Brooklyn NY 11210. This shows how favorable responses to Women's Lib can be induced by first asking a series of questions to uncover and probe sources of discontent, resentment and anger (covering housework, free time, boredom, respect, money, job discrimination, rape, sexist quotations by men).

Women and Madness by Phyllis Chesler, Doubleday, NY

I'm Running Away from Home, but I'm Not Allowed to Cross the Street by Gabrielle Burton, KNOW, Inc. Pittsburgh.

Excerpted testimony from Subcommittee on the Consumer of the Senate Commerce

Committee, entitled "Counternutritional Messages of TV Ads Aimed at Children." In J. of Nutrition Education, vol. 4, no. 2, p. 48.
January 1973 issue of American Journal of Sociology, called Changing Women a Changing Society.

Books for children on Lucy Stone, Alice Paul and Elizabeth Cady Stanton from Women's Heritage Series, Inc. Box 3236, Santa Monica, CA 90403

ITEMS

The Anti-Defamation League, which began 60 years ago to combat prejudice against Jews and has since defended other ethnic and religious groups, has expanded its areas of concern to include discrimination against women.

If you have a chance to see a rerun on educational TV of the Germaine Greer-Bill Buckley debate, don't miss it.

At the Dallas meeting it was decided that we should conduct a mail ballot on whether to incorporate. The advantage is, briefly, that we might get large grants from foundations to do such things as hold conferences or prepare counseling material. The disadvantage is that we may need a special one dollar assessment from each member to cover the costs. Please return the ballot below.

THE ASSOCIATION FOR WOMEN IN MATHEMATICS SHOULD INCORPORATE

YES _____ NO _____

MORE JOBS

California State Univ, San Jose. Dean of School of Social Sciences. Salary 22,764 to 27,672. Contact Thomas Harvey, Chr, Dean Selection Committee, Administration Bldg, Room 174, Calif State Univ, San Jose, CA 95192
Univ of Illinois, Chicago Circle. Position of assistant or associate professor for differential geometer/algebraic topologist. Contact Joseph Landin, Chr, Dept of Math, Univ of Illinois, Box 4348, Chicago IL 60680.

MEMBERSHIP APPLICATION
ASSOCIATION FOR WOMEN IN MATHEMATICS

Name _____ New _____
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Institutional affiliation, if any _____ Position _____

Send with 2.00 annual dues to Mary W. Gray, Dept of Math, American University, Washington DC 20016

Make checks payable to Association for Women in Mathematics

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