

C. O. S. W. I. P. GAZETTE

A Newsletter of the Committee on the Status of Women in Physics of the American Physical Society

13 February/1 March, 1981

Foreword to our readers:

This letter is the first in what we hope may be a long and useful, if not illustrious, series. The distribution list for future mailings will be based upon listed addresses in the Roster of Women in Physics. If any of you are not on the roster or have women friends who are physicists and are not on the roster, please consider enrolling as soon as possible. It is not necessary to be a member of the American Physical Society to enroll. It is also not necessary to have a degree in physics if you have a degree in some related field, (e.g., engineering or mathematics) and are now functioning professionally as a physicist. It is not necessary that you be at present functioning professionally as a physicist if you have had academic training in physics and wish to continue your identity as a physicist. To enroll, please contact:

Dr. Nancy M. O'Fallon
Div. Applied Physics B316
Argonne Natl. Lab.
9700 Cass Avenue
Argonne, Ill. 60439

A form will be supplied which is to be returned filled in with the requested data, which will in turn be stored in computer files which will be used in producing future mailing labels.

The Committee now infrequently receives information regarding career opportunities in physics from prospective employers and funding foundations and agencies. Insofar as is possible, we hope to circulate news of these opportunities in future issues of this letter.

* * * * *

Anniversary Celebration

In honor of the tenth anniversary of a committee of the American Physical Society concerned with women in physics (please see "mini-history" on later pages), the Committee will be sponsoring an informal gala to honor original and past committee members. We hope that as many of the original members of the committee as possible may find it convenient to attend the April A.P.S. meeting in Baltimore will honor us all with their presence.

The specific arrangements are as follows:

Time and Date: 5:30 to 7:30 p.m., Tuesday, April 21, 1981

Place: Maryland Science Center, home of the Maryland Academy of Sciences on the inner harbor of Baltimore, Md.

The entire second floor of the Science Center, with exhibits illuminated, will be available for browsing and socializing. Wine and cheese will be served by members of the committee. The Science Center is a short pleasant walk along the harbor from the Convention Center in Baltimore, where most of the meeting sessions are scheduled.

Please join us in what we hope will be a memorable occasion.

* * * * *

A Brief History of the Committee on the Status of Women of the APS

At the February 1971 NY APS meeting, Prof. Vera Kistiakowsky of MIT requested the APS Council to create a Committee on Women in Physics. The first 15-member Committee was established by the Council on April 25, 1971. The first Chair was Professor Kistiakowsky. The Committee was awarded a grant of \$10,000 from the Sloan Foundation to support its work, particularly the data acquisition and analysis. That first Committee formed six working groups: data on colleges, data on government and national laboratories, data on industry, data on universities, recommendations, and a roster of women in physics. The roster, compiled by Professor Kistiakowsky and Gloria B. Lubkin, Senior Editor for Physics Today, was later published by APS.

In 1971 Professor Kistiakowsky retired from the Chair of the Committee on Women. The newly convened Committee, under the chairmanship of Elizabeth Urey Baranger, was renamed the Committee on the Status of Women in Physics. The Committee retains that name to this date.

* * * * *

The following is a brief history of COSWIP prepared in 1977 by the 1976 Chair, Nancy M. O'Fallon, and the 1977 Chair, Caroline L. Herzenberg.

The American Physical Society Committee on the Status of Women in Physics: A Brief History

April 1971 - 15 members CSWP studied the situation of women in physics and made recommendations based on the study and prepared a roster of women physicists

1972 Council of APS established 3 member CSWP

- Report (Colleges, government and national laboratories, industry and universities) published BAPS June 1977
- Roster published and letter to Physics Department Heads
- Employment information exchange
- Mini session in Washington to discuss report

1973 - 5 members

- Began study of 2 year and community colleges and of High School
- Symposium on legal aspects

1974 - Symposium - Washington, open meeting

- Roster of women graduate students begun

1975 - 8 members . . . Chairperson, X, XX, and 5 members

- Decision not to update roster now
- Directory of women graduate students published
- Studies completed
- Symposium - Annual: Understanding problems of career girls
- Symposium - Washington: Effects of AA on women physicists
- Career booklet begun
- FOPW

1976 - 9 members

- Employment referral → AIP Placement
- Symposium - New York: Panel of successful women physicists
- Symposium - Washington: NSF studies of factors affecting Atlanta: Informal office
- Report on women High School Teachers
- BAPS June
- New directory of women graduate students

1977 - "Women in Physics" Career Booklet published

- Symposium - Chicago: Open committee meeting
- Symposium - San Diego: Affirmative Action
- Symposium - Washington: Affirmative Action

The following is a brief history of Committee activities during 1978, 1979, and 1980:

1978 8 members

- new Directory of Women Graduate Students
- Computerization of the Roster of Women in Physics
- Development of support for the APS position supporting the Equal Rights Amendment
- Analysis of draft legislation on behalf of women in science and technology
- Symposia and Other Special Events
 - APS-San Francisco: maximizing opportunities for contemporary women in physics
 - APS and Biophysical Society-Washington: March
 - APS-Washington: April - "Women in Physics - A Historical Perspective"

1979 8 members

- Revised Directory of Women Graduate Students completed
- Software for computerization of Roster of Women in Physics completed
- Continuation of monitoring of employment and salary information
- Symposia and other Special Events
 - APS-AAPT-New York: "Women in Science - 1970's Profile" (informal coffee)
 - APS-Washington: (informal coffee hour) "Workshop on Women in Science and Technology" held June 14 jointly sponsored with the Catholic University of America
- Study of state-mandated science requirements for elementary school teacher accreditation initiated

1980 8 members

- Initiated programs for students and career counselors
- Continuation of activities to establish and maintain contact among women in the physics community
- Continuation of the computerized roster effort
- Directory of Women Graduate Students and Post Doctoral Fellows in Physics completed and available for purchase
- Symposia and Informal activities at APS meetings March meeting-New York: two-dimensional career mobility

At the 1981 New York AAPT-APS joint meeting in January, as symposium entitled "AFFIRMATIVE ACTION — The Way It Really Works" was sponsored jointly by the Womens' Committees and Minorities' Committees of the APS/AAPT.

* * * * *

The following information is provided by courtesy of the Association for Women in Science, Inc. Note the deadlines. It is possible that funding for these kinds of opportunities will vanish for the following year or years, so please act promptly if you believe that you may be able to utilize such an opportunity constructively.

* * * * *

National Research Opportunity Grants and Visiting Professorships Program

Approved under the Equal Opportunities in Science Provision of the National Science Foundation Authorization legislation

The National Science Foundation Board has approved National Research Opportunity Grants and the Visiting Professorships Program under the Equal Opportunities in Science Provision of the National Science Foundation bill.

National Research Opportunity Grants

These grants are available to women who are within five years of having received a doctorate, or to those who have received a doctorate, had their careers interrupted, and who are re-entering the professions within five years of the interruption. These grants will be used to support research in a woman scientist's area of expertise and are for a maximum of three years. Details of the form of grant application should be available shortly, but we expect the form will be similar to the regular NSF grant procedure. To receive funding by October 1981, the suggested deadline for application is April 15. Anyone interested in applying should write immediately to

*Program Co-ordinator for Women in Science
Office of Planning & Resource Management
The National Science Foundation
1800 G. Street Northwest
Washington, D.C. 20550*

or call (202) 357-7445

Visiting Professorships Program

The second program approved under the Equal Opportunities in Science Provision is a Visiting Professorships Program under which women scientists will serve as role models of women in science at institutions of higher education. This program is for women with the Ph.D or equivalent experience who will teach on a full- or part-time

basis for a period of usually one year but potentially up to two years. The institution which hosts a Visiting Professor must undertake the application for consideration in the program, but interested members may initiate contacts with specific institutions to make them aware of their interest in being invited. Those wishing to participate in the Visiting Professorships Program may write to AWIS; if we hear of institutions looking for women scientists to host, we will get in touch with you.

The Equal Opportunities in Science Provision of the NSF authorization bill grew in part from the Women in Science provisions which were under consideration earlier. The present provisions include both women and minorities and are considerably more general than earlier versions. There are no longer plans for creating the office of Special Assistant to the Director on Women in Science and for Special Assistant to the Director on Minorities, but there will be an Advisory Committee including a significant number of women and minorities.

Among the types of programs which can be authorized under the present provisions are the following: programs for encouraging women to enter the sciences at all educational levels and helping in their support; improving public understanding of women in science; providing traineeships and fellowships for women in science; encouraging the employment and advancement of women scientists.

While the only programs authorized as yet are the National Research Opportunity Grants and the Visiting Professorships Program, we believe there is scope under the law for additional projects; we would like to hear your ideas so that we can make suggestions and recommendations which reflect the needs of the AWIS membership.

The text of the authorization bill containing the Equal Opportunities in Science Provisions and the Statement of Managers with respect to the intent of the bill appear in the *Congressional Record* of November 21, 1980, pages H-11131 to H-11138. The *Congressional Record* is available from any library.

A national conference on "Women in the Professions: Science, Social Science and Engineering" will be held at Purdue University on March 20-21, 1981. The major objectives of the conference—the first to focus on these three areas to held in the Mid-West—are to review opportunities for women, assess the current status of professional

women, identify factors affecting their success and generate methods for increasing the visibility and influence of professional women. Speakers include Anne Briscoe, Jewell Cobb, Mildred Dresselhaus, Nancy Gonzalez, Donna Haraway, Ester Hopkins, Lilli Hornig, Ruth Hubbard, Naomi McAfee, Rachel Rosenfield, Martha Truscott and Betty Vetter.

For further information contact:

Cary Bowdich
Div. of Conferences
Purdue University
West Lafayette, IN 47907

Rising costs of Hotel Rooms at meetings, particularly for single rooms has inspired the Committee to attempt to assist in matching women physicist "room-mates" for particular meetings. If you are planning to attend any particular meeting and would like to obtain a congenial roommate to help cut down the costs of attending the meeting, please complete a form provided and mail to:

Judy R. Franz
Department of Physics
Indiana University
Bloomington, Ind. 47405

On your form please indicate the name of the meeting and the place where it is to be held. (e.g. A.P.S. Spring Meeting, Baltimore) on the very top line. The deadline for receipt by Judy Franz is seven (7) calendar weeks prior to the opening date of the meeting you plan to attend. Your name and data will be grouped with others and the information returned to your six (6) weeks prior to the opening date of the meeting. It will then be your responsibility to contact your prospective room-mates and make a joint reservation to your mutual satisfaction. There is normally a deadline of about three weeks before the meeting to obtain reservations at the lower convention rates.

PLEA:

If any of you have any items of news which you would like to have included in the next issue of the C.O.S.W.I.P. Gazette, please send them to the editor at your earliest possible convenience. Submission of specialized articles of interest primarily to women in physics would be most welcome. In the case of a lengthy article, it may be helpful to consult with the editor prior to the submission of the article itself with a view to minimizing duplication of effort.

On behalf of the committee, I thank you for your forbearance and hope to see you at future meetings and activities of C.O.S.W.I.P.

Respectfully,

Irene M. Engle, Ed.

Editor: Irene M. Engle
Physics Department
United States Naval Academy
Annapolis, Md. 21402
(301) 267-3486

Chair: Sandra H. Slivinsky
Nuclear Systems Division
M/C 138
General Electric Co.
175 Curtner Avenue
San Jose, CA 95125
(409) 925-6383

Past-Chair: Carol Jo Crannell
NASA Code 684
Goddard Space Flight Center
Greenbelt, MD. 20771
(301) 344-5007

Other Members: Pat Cladis - Bell Laboratories
Laura Eisenstein - U. of Illinois
Judy Franz - Indiana University
Luisa Hansen - LLL
Joan Lurie - IDA
Pam Surko - Bell Laboratories