

CSWP The Committee on the Status of Women in Physics

Report on 2001 CSWP Activities,

submitted to the APS Council, November 6, 2001

by Alice White, Chair, CSWP

2001 CSWP membership consisted Alice White, Lucent Technologies (Chair); Barbara A. Jones, IBM-Almaden (Vice Chair); Elizabeth Beise; University of Maryland; Cynthia Keppel, Hampton University; Dongqi Li, Argonne National Laboratory; Cha-Mei Tang, Creative MicroTech; C. Megan Urry, Yale University; Bruce J West, US Army Research Office; and David Wolfe, University of New Mexico.

2001 meetings were held in May in Washington, DC and in October by conference call.

Update on items brought to the APS Executive Board and Council

1. New edition of "Physics in Your Future."

The "Physics in Your Future" brochure, first published in 1983, is designed to encourage middle school girls consider a career in physics and will feature vignettes of young women working on interesting things in physics, as well as a special section on "successful women" in physics. Beverly Berger, former chair of CSWP, is overseeing efforts to update the brochure. The editor of the previous editions, Dinah Moche, is working on this edition. Funding is almost complete and the anticipated publication date is early in 2002.

2. APS/IBM Internship for Undergraduate Women.

In 2001, APS again collected the applications, forwarded them to IBM, and publicized the program. There were 110 applicants in physics and in related fields. IBM funded 8 recipients, with one renewal . The winners had successful summer internships at various IBM labs and also received a \$2500 scholarship. The internship will be funded again in 2002. Barbara Jones will continue to chair the IBM selection committee. Alice White will consult on the selection process as a member of CSWP and because of her experience with the Bell Labs Graduate Research Fellowship Program for Women.

Barbara Jones delivered a talk on the summer research opportunities for undergraduate women (APS/IBM Research Internship Program and the Summer Research Program for Minorities and Women at Bell/Lucent) at the Careers of Women in Science Conference held at UC Berkeley, May 12-13, 2001. Her talk is reprinted in the Fall issue of the CSWP Gazette.

Other CSWP activities

1. Site visits

In 2001, a site visit was conducted at the University of Maryland. This was a return visit to Maryland which was the first school ever visited as part of this program. Visits were also planned to the University of Iowa and the University of Wisconsin in September; however after the terrorist attacks, the teams requested that these visits be rescheduled for Spring 2002. A visit to Argonne National Lab is being planned for December or January. An inquiry has been received from NASA regarding the possibility of a joint visit with CSWP and COM in the future.

CSWP provided a letter of support for Barbara Whitten's proposal, "Increasing the Participation by Women in Undergraduate Physics" which has been fully funded by the NSF.

2. CSWP presence at the March and April meetings continues.

March Meeting (2001) - CSWP co-sponsored a well-attended networking breakfast with FIAP; Cherry Murray of Lucent Technologies was the featured speaker. A symposium on "Roles for Female Scientists at Start-Ups" was also co-sponsored with FIAP. Speakers were Laura Smoliar, Silicon Light Machines; Lisa Dhar, InPhase Technologies; Hilary Lackritz, Aclara Biosciences, and Jing Tian, Spectralane.

April Meeting (2001) - CSWP and COM sponsored two invited sessions: "Goals for the New Century". Panelists were Millie Dresselhaus, MIT; Daniel Goldin, NASA; Katharine Gebbie, NIST; and Joseph Dehmer, NSF. Unfortunately, this session was not well-attended due to a conflicts with another event. A second CSWP/COM session presented selected topics on efforts to improve the participation of women and minorities in scientific research. Speakers were Judy Franz, APS; Kimberly Budil, LLNL; Apriel Hodari, US House of Representatives; and John Slaughter, NACME. A networking breakfast was well-attended; Natalie Roe of LBNL was the speaker.

Planning for 2002 is well underway. CSWP is organizing a workshop tentatively named "Survival Skills for Successful Women Physicists" at the March 2002 Meeting. This will be a half-day informational workshop and will cover such issues as raising research funds, balancing career and family, effective communication and networking, negotiation, leadership, and advancement in organizations. Other events will include a networking breakfast, an MGM Award Winners panel, and invited sessions.

3. IUPAP Conference Participants

Cynthia Keppel, Barbara Jones, and Alice White will serve on a selection committee to choose the "early career" members of the delegation to the conference in Paris, March 2002. 22 applications were received and are being reviewed

3. The CSWP Gazette

Spring 2001 issue: edited by Cha-Mei Tang, CreatvMicrotech

Fall 2001 issue: edited by Barbara Whitten, Colorado College

4. Ongoing activities: Roster of Women and Minorities, Women Speakers List, WIPHYS (Women in Physics Listserver)

