

New pamphlet shows students possible careers in physics

The American Physical Society and its Committee on the Status of Women in Physics have announced the publication of "Physics In Your Future," a booklet designed to introduce young people, their parents, teachers and advisers to physics and careers in physics. The colorfully illustrated booklet is aimed particularly at junior-high school students and highlights the work and experiences of several young physicists.

Although physics is not usually taught until the last year of high school, the necessary mathematical preparation is decided at the junior-high level. "Physics In Your Future" seeks to inspire junior-high school students, who might otherwise avoid technical subjects, to study all the mathematics and science courses they can.

"Physics in Your Future" is published with the support of Bell Laboratories, Exxon Research and Engineering Company, the General Electric Foundation, International Business Machines Corporation, and Xerox Corporation. The author of the booklet, Dinah L. Moché, is a professor of physics and astronomy at Queensborough Community College of the City University of New York. She has written numerous books and articles on science. The booklet is available at \$1.00 a copy from APS, CSWP, 335 East 45th Street, New York, NY 10017, (212) 682-2341.

APS offers data base to match qualified women and jobs

The Committee on the Status of Women in Physics has announced a new mail service for physics departments that will enable them to inform qualified female physicists of faculty openings. Over the past several years, the Committee has compiled a roster of about 2000 names and addresses of women physicists. CSWP has announced that it can assist physics departments in using this data base to inform qualified women physicists of faculty openings by mailing notices of such openings, as postage-prepaid

Astronaut Sally Ride (left), shown with astronaut Rhea Seddon in a NASA training exercise, is one of the physicists featured in the new booklet, "Physics in Your Future."



items, to those members of the roster who fulfill criteria specified by the physics department requesting the service.

The first step is for interested physics departments to contact APS to ascertain how many people meet their requirements. For example, a department might wish to consider those women who received a PhD in experimental condensed-matter physics between 1976 and 1982. APS would be able to inform the department of the number of women who fulfill this criterion. If the department wants to use the service, it would then send APS the required number of postage-prepaid items to be mailed, and APS would produce and apply address labels and mail the items. The total fee for this service is \$65.00 per mailing, with checks made payable to CSWP, APS.

For further information, contact Dr. Irene M. Engle, Physics Department, US Naval Academy, Annapolis, MD 21402, (301) 267-3486. Mail postage-prepaid items to Kaye E. Wilson, Wiltech Ltd., 29 S. Park Avenue, Hinsdale, IL 60521.

Pake Prize to honor research and management skills

At its annual meeting, The American Physical Society announced a new annual prize called the George E. Pake

Prize, given to recognize and encourage outstanding work by physicists combining original research accomplishments with leadership in management of research or development in industry. The prize, donated by the Xerox Corporation, consists of \$5000 and a plaque recognizing the contributions of the recipient. The first award will be made during the APS March 1984 meeting in Detroit, Michigan.

George E. Pake, after whom the new prize is named, has played a major role in establishing the Xerox Palo Alto (California) Research Center, and in formulating its fundamental and applied research programs. He is currently Group Vice President, Corporate Research, for Xerox.

Pake received his PhD in physics from Harvard University in 1948. From that time until 1970 he pursued an academic career at Washington University, St. Louis, and at Stanford University. He served as Provost and Executive Vice Chancellor at Washington University. He is the author of fifty papers in professional journals, and of three books. During the late 1960s he was on the President's Science Advisory Committee. Pake now serves on a number of prestigious scientific and cultural committees, including the Executive Committee of the American Academy of Arts and Sciences. He is a member of the National Academy of Sciences, and in 1977 was the President of The American Physical Society. □