

Physics students work as summer interns at industrial labs

The APS Industrial Summer Intern Program continues to help physics students gain experience in industrial research laboratories. This summer 31 APS student interns worked at 20 industrial research locations.

This year a total of 115 students submitted applications and 45 industrial organizations expressed an interest in receiving resumes. The APS Selection Committee, headed by Robert M. Cotts of Cornell University, chose 78 well qualified students whose resumes were submitted to the companies for their final selection as summer interns. The limited number of available positions resulted in a keen competition.

The 1984 summer interns are listed below with their schools and industrial hosts: Karen E. Anderson (Williams College), Exxon Corporate Research; William P. Arnott (University of Southern Colorado), Xerox, Palo Alto; Bruce I. Berkoff (University of California, Berkeley), Xerox, Palo Alto; David E. Brahm (MIT), AT&T Bell Labs;

Mark L. DeLong (Miami University), Raytheon; David S. Edrich (University of South Florida), Allied Corporation; Sarah C. Eno (Gettysburg College), Exxon Production Research; Dean Fالكيس (Loyola University), Monsanto Research; Keith M. Groves (Andrews University), Sandia; Johnny W. Hill (Bethany Nazarene College), 3M Company; Keng M. Low (Colby College), Raytheon; James A. Miller (Gannon University), Sandia; William J. Murray (Iona College), RCA; Michael J. Musolf (Pomona College), Hughes Research; John N. Neumeier (Stockton State College), General Motors; Neil A. Ottenstein (Swarthmore College), Eastman Kodak; Scott N. Paine (Caltech), AT&T Bell Labs; Jeffrey W. Paliwoda (Purdue University), Monsanto Research; Eric Pan (California Institute of Technology), IBM, Yorktown; Robert A. Philbin (Colorado School of Mines), Sandia; David W. Piston (Grinnell College), IBM, San Jose; Mary A. Rand (University of Michigan), Mc-

Donnell Douglas; Armand Rosenberg (MIT), IBM, Yorktown; Sharon M. Ross (Oberlin College), General Motors; Pat Russell (Boston University), McDonnell Douglas; Michele Sevik (Bard College), E. I. DuPont; Sanjay Tandon (Randolph-Macon College), IBM, Yorktown; Wei Min V. Wang (MIT), Xerox, Webster; William D. Wansley (Augusta College), IBM, New York; William W. Wepler (Purdue University), Exxon Production Research; Geoffrey A. Wilson (Sonoma State University), IBM, San Jose.

The 1985 Summer Intern Program is now being organized. The deadline for applications is 15 November 1984. Information about the program and application procedures are given in the September APS *Bulletin*. Inquiries from students, faculty, and industrial organizations are welcome and should be directed to: Joseph A. Burton, APS Industrial Summer Intern Program, 335 East 45th Street, New York, N.Y. 10017.

Few women in senior faculty jobs

The number of women on the faculty of PhD-granting physics departments has changed very little in the past two years, according to a report presented to the APS Panel on Faculty Positions for Women at its meeting last April. An update of the Eisenstein-Baranger report (see *PHYSICS TODAY*, February 1982, page 99) showed that the number of women physicists who are members of the senior faculty in these institutions—faculty with a rank of professor or associate professor—has remained unchanged at 54, while the number who are assistant professors has increased slightly, from 25 in 1980–81 to 29 in 1982–83. The numbers were compiled from the "AIP Directory of Physics and Astronomy Staff Members" for each of the two years.

The panel was pleased that three universities—Mississippi State University, Arizona State University and the University of California at Berkeley—have joined the ranks of universities with women among their senior faculty; each now has one woman. Twenty-seven large institutions (those with

more than 25 physicists) had women physicists among their senior faculty, while 32 did not. Twenty-one of these institutions have no women physicists at all on their faculty. They are: University of Arizona, Caltech, University of California at Santa Barbara, Carnegie-Mellon University, University of Colorado, University of Florida, Georgia Institute of Technology, Iowa State University, Louisiana State University, University of Lowell, University of Michigan, University of Nebraska at Lincoln, New York University, Northwestern University, Pennsylvania State University, Purdue University, University of Rochester, Texas A&M University, Virginia Polytechnic Institute and State University, University of Virginia at Charlottesville, and Washington University.

Peer review issue still haunts research community

The issue of the peer review process in the award of Federal research grants to

universities and research institutes became a focus of national attention in 1983. APS President Robert E. Marshak wrote letters to all members of Congress in October 1983, in which he conveyed "deep concern over the authorization of funds for major scientific projects in the absence of informed advice from impartial scientific experts." He pointed out that since available funds are limited it would be prudent to establish priorities among competing projects via "peer review."

Some 19 senators and congressmen responded to Marshak's letter. Some of the responses addressed grievances that were more political than scientific. But about half the respondents seemed to understand the problem of peer review and supported the APS position. Nevertheless, Congress in some cases has continued to circumvent the peer review process in allocating research funds (see *PHYSICS TODAY*, August 1984, page 66). Therefore, the 1984 President Mildred S. Dresselhaus issued a new set of letters to members of Congress in August 1984. She expressed disappointment at being confronted again by the same issue—the circumvention of the traditional and well-proven peer review process. □