

APS puts more and more summer interns in industry labs

Forty physics students spent this summer working in 25 industrial laboratories as APS Industrial Summer Interns. The program continues to grow, with 13 interns in 1980, 16 in 1981, 26 in 1982, and 40 this year.

The object of this project, run by the APS Committee on Education, is to provide highly qualified college seniors and graduate students with the opportunity to learn about the challenges of industrial research. It is hoped that these summer experiences will broaden the students' interests and help them prepare for a wide range of employment opportunities.

A total of 126 students submitted applications, and 54 industrial organizations expressed interest in receiving resumes. Candidates were chosen by an APS Selection Committee headed by Stewart Kurtz of Clairol and resumes of 74 students were referred to the companies to make the final selection of interns. The excellent qualifications of these students resulted in keen competition for the limited number of available positions.

The 1983 interns are listed below with their schools and host organizations: Thomas D. Bates (California State University), Hughes Research; Reginald K. Blackman (Jackson State University), Lincoln Laboratories; Kevin J. Buchs (Gustavus Adolphus College), McDonnell Douglas; Esteban L. Camahort (University of California, Santa Barbara), Monsanto Research; Daniel Carpenter (Guilford College), IBM, Yorktown Heights; Douglas B. Chrisey (SUNY, Binghamton), IBM, Tucson; Pamela L. Derry (Rensselaer Polytechnic Institute), General Electric; Christopher G. Dittmer (Humboldt State University), Varian Associates; Barbara A. Eckstein (Indiana University of Pennsylvania), Amoco, Tulsa; Dean Faklis (Loyola University), Monsanto Research; David Frenkel (Columbia College), Bell Laboratories; Florence A. Fusco (Bryn Mawr College), Bell Laboratories; Emily A. Greene (Harvey Mudd College), IBM, San Jose; Christian D. Gutleben (University of California, Davis), IBM, Yorktown Heights; Kathleen A. Hartnett (Bowdoin College), E. I. DuPont; Richard Herke (Colo-

rado School of Mines), Hughes Research; Diana Hicks (Grinnell College), Battelle Columbus; Nan Marie Jokerst (Creighton University), IBM, Yorktown Heights; Robert D. Kaplan (Grinnell College), 3M Company; Emanuel H. Knill (University of Massachusetts), IBM, Yorktown Heights; William Koutny (Rensselaer Polytechnic Institute), IBM, Endicott; Harold Lessure (University of Michigan), Northrop Research; Joseph A. Meyer (DePaul University), Bell Laboratories; Douglas D. Mooney (Case Western Reserve University), IBM, Yorktown Heights; David W. Niles (Colby College), Sperry Research; Carey A. Pico (University of California, San Diego), IBM, San Jose; Gregory J. Quarles (Oklahoma State University), IBM, Fishkill; Mary A. Rand (University of Michigan), McDonnell Douglas; Daniel J. Ryan Jr (New College, University of South Florida), IBM, Yorktown Heights; David M. Singer (Iona College), IBM, Yorktown Heights; David A. Sla-

vin (Rose-Hulman Institute), Northrop Research; Christopher W. Snyder (Lehigh University), Raytheon Research; Efrem J. Sternbach (Columbia University), RCA; Frank Suits (Carleton College), IBM, Yorktown; Janice Taitel (Boston University), IBM; Ruth E. Thomson (Carleton College), Xerox, Palo Alto; John L. Wagner (Frostburg State College), RCA; Shi-Qing Wang (Beijing Polytechnic University), Xerox, Webster; John T. Wohlschlaeger (Austin College), Amoco, Tulsa; Stevens Yang (City College), IBM, Eastview.

The 1984 Summer Intern Program is now underway. Information about the program and application procedures are provided in the September APS *Bulletin*. Inquiries from students, faculty and industrial organizations should be directed to J. A. Burton, APS Industrial Summer Intern Program, 335 East 45th Street, New York, NY 10017, (212) 682-7341. The deadline for applications is 15 November.

Scholars chosen for China program

A new cooperative US-China basic research program in atomic, molecular and condensed matter physics was announced recently in *PHYSICS TODAY* (July, page 82). The eleven-member

American Coordinating Committee, chaired by Joseph Birman (City College of New York), has now completed the crucial phase of selecting Chinese scholars from among those recommended by

Visiting Chinese physicists

Chinese scholar	Home institution	American university	Faculty host
Gan, Xi-Zhao (Theor.)	Beijing University	Princeton University	P. Anderson, D. Stein
He, Yuan-Jin	Tsinghua University	Brandeis University	S. Berko
Su, Ahao-Bin (Theor.)	Institute of Theoretical Physics (AS)	City College, CUNY	J. Birman, M. Lax
Quian, She-Xiong	Fudan University	Yale University	R. K. Chang
Wang, Wen-Kui	Institute of Physics (AS)	Harvard University	D. Turnbull
Yang, Guo-Zhen	Institute of Physics (AS)	Harvard University	N. Bloembergen
Zhang, Guang-Yin	Nankai University (Tianjin)	City College, CUNY	R. Alfano, H. Cummins
Zheng, Hou-Zhi	Semiconductor Institute (AS)	Princeton University	D. C. Tsui
Zhou, Ying-Hua	Beijing University	Harvard University	N. Bloembergen
Zhu, Qi-Gao	Semiconductor Institute (AS)	Maryland University	R. L. Park

(AS): Institutes of Academy of Sciences

the Chinese committee, and matching their interests with research projects in host American universities on the East Coast that will participate in the early phase of the program. It is expected that other American universities, from all parts of the country, will take part in the program at later stages.

The first group of Chinese scholars will arrive early this fall. The ten selected Chinese scholars, and the universities and research professors who

will be their hosts during the two-year duration of their stay in America, are named in the table.

A memorandum of understanding covering the initial phase of the program is scheduled to be signed in Beijing in October by APS president Robert E. Marshak (Virginia Polytechnic Institute) and by Birman. Marshak, in cooperation with C. N. Yang of SUNY, Stony Brook, founded the China program.

Howell, Chevron Scholarship at Grambling University; Tommy J. Jones, Westinghouse Scholarship at Southern University; Jesse B. King, KMS Fusion Scholarship at Alma College; Eric M. Lee, Gillette Scholarship at MIT; Verett A. Mims, IBM Scholarship at Southern University; Estela V. O'Brien, Exxon Scholarship at Harvard/Radcliffe; Joseph A. Reed, A. D. Little Scholarship at Alabama A & M University; and Pablo Velez-Ortiz, Kodak Scholarship at Catholic University of Puerto Rico.

In addition to these 23 scholarship winners, the Selection Committee, chaired by Charles E. Bush (Oak Ridge), chose the following seven semifinalists for honorable mention from the total group of 64 applicants: Derrick R. Dean, Jackson High School; Peronia E. Jackson, Oakdale High School; James D. Johnson, California State University; Tonya LaVern Knox, Wayne State University; Ray O'Neal Jr, MIT; Marie A. Seamster, Grambling University; and Angela D. Williams, Alabama A & M University.

This scholarship program was organized by the APS Committee on Minorities in Physics in collaboration with the Corporate Associates of the American Institute of Physics. The program will be continued next year. Any black, Hispanic, or Native American US citizen who plans to major in physics and is a high-school senior or college freshman or sophomore may apply. Application forms and information about this program may be obtained from APS Minorities Scholarship Program, c/o J. A. Burton, 335 East 45th Street, New York, NY 10017. The deadline for receipt of applications is 31 March. □

Corporations sponsor minority students

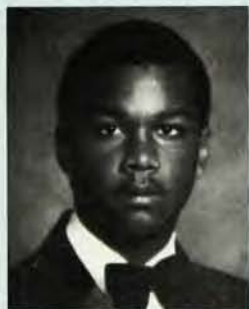
Twenty-three students have received corporate-sponsored scholarships for minority undergraduate students in physics for the 1983-84 academic year. This program, administered by The American Physical Society, is intended to increase the level of minority participation in physics in the US. Each scholarship is sponsored by a corporation and consists of \$2000 awarded to the student and \$500 to the host physics department.

Eleven scholarships were awarded to new recipients, and twelve students received renewals. The new recipients (see photos below) with the school that nominated them, the corporate sponsor, and the host college are: Torin D. Alexander (Vanderbilt University), Schlumberger-Doll Scholarship at Vanderbilt University; Cora R. Collier, not shown (Athens High School), IBM Scholarship at Alabama A&M; William J. Evans (Huron High School), Bell Labs Scholarship at Caltech; David C. Herrera (University of Texas), IBM

Scholarship at University of Texas; John R. Hoffer (Gaithersburg High School), Bell Labs Scholarship at MIT; Kenith L. Hogue (Talladega College), APS/Fairchild Scholarship at Talladega College; Linda K. Lars (Green Oaks High School), Kodak Scholarship at Southern University; Sonja E. Mendoza (Cameron University), General Electric Foundation Scholarship at Cameron University; Ronald D. Redwing (University of Missouri), Exxon Scholarship at University of Missouri; Mark D. Vaughn (Rochester Institute), Kodak Scholarship at Rochester Institute of Technology; and Keith R. Williams (South Carolina State), General Electric Foundation Scholarship at South Carolina State College.

The winners of scholarship renewals are Lloyd W. Allen, Xerox Scholarship at Southern University; Victor M. Aguero, Gould Scholarship at MIT; Mona J. Guzman, Xerox Scholarship at New Mexico Tech; William C. Hoston, Beckman Scholarship at MIT; Dollie M.

ALEXANDER



EVANS



HERRERA



HOFFER



HOGUE



LARS



MENDOZA



REDWING



VAUGHN



WILLIAMS

