

School, Huntington Park, Cal.); Louis J. Robinson Jr (Grambling State University, Grambling, La.); Teresa Rodriguez (Huntington Park High School, Huntington Park, Cal.); Maria Teresa Serrano (Independence High School, San Jose, Cal.); Justin M. Sewell (Morgan State University, Baltimore, Md.); Frank E. Smith III (Booker T. Washington High School, Shreveport, La.).

The APS Selection Committee was very impressed by the strong academic records of all 65 scholarship applicants.

The new 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, and 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 other information about this program may be obtained from APS Minorities Scholarship Program, 335 East 45th Street, New York, N.Y. 10017. The deadline for receipt of completed applications is 31 March 1981.

Industrial intern program seeks inquiries for 1981

Thirteen physics students spent this past summer working in ten industrial laboratories as part of the APS Industrial Summer Intern Program. The object of this program, which is in its second year, is to expose highly qualified college seniors and graduate students in physics to the challenges of industrial research. It is hoped that such an experience will broaden their interests and help them to prepare for a wide range of employment opportunities when they complete their PhD's.

A total of 49 students and 40 industries expressed interest in the 1980 program. The interns were selected by a committee appointed by the APS President and headed by Bernard C. Silbernagel of Exxon. The Committee found many of the applicants to be of high quality, resulting in keen competition for the available positions. The thirteen Interns selected for the 1980 program are listed below with the school that nominated them and the host industry:

David E. Beutler (Purdue University), Standard Oil; Audrius Budrys (University of Cincinnati), Proctor & Gamble; Scott B. Chase (University of Massachusetts, Amherst), Spex; William T. Conner (Oberlin College), Monsanto; Richard K. DeFreez (Sonoma State College), Bethlehem Steel; William Gilson (Harvard University), Exxon; Richard P. Hall (Princeton University), Chevron; Janet E. Jasinski (St.

Lawrence University), Gulf Oil; Robert D. Loretz (Cornell University), Exxon; Karl F. Ludwig Jr (Cornell University), Exxon; Roberta N. Mulford (Reed College), Exxon; Alex Pidwerbetsky (Rensselaer Polytechnic Institute) General Electric; Douglas J. Wagenaar (Eastern Kentucky University), Eastman Kodak.

New industrial postdoctoral fellows

Gillian M. Watkins (University of Cincinnati) and Frederica Darema-Rogers (University of California, Davis) have been chosen APS Industrial Postdoctoral Fellows by the 1980 selection committee (headed by Arthur Schawlow, APS vice-president). Now in its fourth year, the Industrial Postdoctoral Fellowship program is intended to broaden the contributions of physics and physicists to industry and to open new opportunities for physicists in this country.

Watkins will join the International Nickel Co. Research & Development Center, Sterling Forest, Suffern, N. Y. to do research on high-conductivity polymers, to study the effect of amorphous and crystalline domains on stress cracking of polymers and to explore other topics in technical areas of interest to International Nickel. Watkins received her PhD this year at the University of Cincinnati, where she did an experimental thesis on the low-temperature specific heat of amorphous solids.

Darema-Rogers was awarded a PhD in 1976 at the University of California, Davis, with a thesis on the theory of the low-lying levels in the O^{16} nucleus, using the interacting boson model. Since then she has continued research using nuclear models to interpret experimental data from studies of nucle-

Plans are now under way for the 1981 Program. Enquiries from students, faculty and interested industries should be directed to David K. Kraft, Program Administrator, APS Industrial Summer Intern Program, 335 East 45th St., New York, N. Y. 10017. The deadline for receipt of student applications is 5 December.

ar reactions as a research associate at the University of Pittsburgh and at Brookhaven National Laboratory. She was awarded a fellowship for work at Schlumberger-Doll Research, Ridgefield, Conn., where she will do feasibility studies of new applications of nuclear reactions to oil-well logging and will also apply radiation transport codes for mathematical modeling of nuclear logging techniques.

The Fellows from last year are Jeng-Hsien Chang, whose Fellowship at General Tire and Rubber Co. is being renewed for a second year; Rozalie Schachter, who is now on the scientific staff at Stauffer Chemical Co. Eastern Research Center; Martine Simard-Nomandin, whose Fellowship led to employment at Fairchild Camera and Instrument Corp., and Stephanie Novak who has now completed her second Fellowship year at Exxon.

The APS Executive Committee approved continuation of the program and recommended that the stipends be increased to \$23 000 for new PhD's and up to \$33 000 for more experienced physicists. Interested physicists or industrial organizations should contact J. A. Burton, Program Administrator, APS Industrial Postdoctoral Fellowship Program, The American Physical Society, 335 East 45th Street, New York, N.Y. 10017.

DAREMA-ROGERS



WATKINS

