

Industrial Summer Interns work in 18 labs

Twenty-six physics students have been working this summer in 18 industrial laboratories as part of the APS Industrial Summer Intern Program, which is now in its third year. The object of this project of 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 when they complete their PhDs.

A total of 96 students submitted applications and 49 industrial organizations expressed interest in receiving resumes. The candidates were chosen by an APS Selection Committee headed by Stewart Kurtz of Clairol. Resumes for 56 students were referred to the companies for final selection as interns. The excellent qualifications of these students resulted in keen competition for the limited number of available positions.

The 1982 interns are listed below with their schools and host organizations:

Mary Barsony (MIT), Schlumberger-Doll Research; Charles R. Boardman (Grinnell College), IBM Research Center, Yorktown Heights; Scott J. Bohning (Yale University), IBM Research Center, Yorktown Heights; Winthrop D. Childers (Colorado School of Mines), DuPont Experimental Station; Zhifang

Deng (University of Rochester), RCA Laboratories; Kevin R. Espenshade (Millersville State College), Shell Development Co; Nan Marie Jokerst (Creighton University), IBM Research Center, Yorktown Heights; Barbara A. Jones (Harvard University), Bell Laboratories; Tina M. Kaarsberg (Yale University), Schlumberger-Doll Research; Michael K. Kelly (University of Wisconsin, Eau Claire) Monsanto Mound Facility; Douglas S. Kindred (East Tennessee State University), IBM, Tucson; Gary E. Kraus (Rensselaer Polytechnic Institute), IBM, Poughkeepsie; Jennifer Anne Kuhn (Guilford College), IBM, Palo Alto; Jonathan Luke (Rice University), Monsanto Mound Facility; Richard A. Markeloff (Cornell University), IBM Research Center, Yorktown Heights; Andrew J. Millis (Harvard University), Exxon Production Research, Houston; William R. Purcell (Elmhurst College), IBM Research Center, Yorktown Heights; Jonathan Robbins (Yale University), IBM, Poughkeepsie; Kevin P. Roche (University of California, Berkeley), IBM, San Jose; Robert E. Ryan (Hofstra University), Grumman Aerospace Corp; Richard A. Sanger (Pomona College), IBM, San Jose; Jerry A. Simmons (New College, University of South Florida), Xerox Corp; Perjetta K. Smith (Jackson State University), IBM, Fishkill; Stephen K. Weinrich (Marquette University), McDonnell Douglas Corp; John T.

Wohlschleager (Austin College), Amoco Production Co, Tulsa, and Marvin R. Young (Bethany Nazarene College), McDonnell Douglas Corp.

The 1983 Summer Intern Program is now underway. Information about the program and application procedures are given in the *Bulletin* of APS. Inquiries from students, faculty, and industrial organizations should be directed to: J.A. Burton, Program Administrator, APS Industrial Summer Intern Program, 335 East 45th Street, New York, NY 10017, (212) 682-7431. The deadline for receipt of student applications is 12 November.

Encourage your colleagues to join APS

APS welcomes as members all physicists and those working in related fields who are interested in physics. The annual dues of \$30 for regular members or \$10 for students are real bargains and include free subscriptions to *Physics Today*, the *APS Bulletin* and *Physical Review Abstracts*, plus reduced member rates for subscriptions to other journals and for registration fees at APS meetings, plus free membership in APS Divisions and Sections.

Membership application forms may be obtained from: APS, 335 E. 45th Street, New York, NY 10017.

APS supports NAS resolution on nuclear arms control

At its annual meeting in June, the Executive Committee of APS unanimously endorsed the resolution passed by the National Academy of Sciences on Nuclear War and Arms Control (*PHYSICS TODAY*, June 1982, page 51). The Academy resolution called for the United States, the Soviet Union and other countries:

► "To intensify substantially, without preconditions and with a sense of urgency, efforts to achieve an equitable and verifiable agreement between the

United States and the Soviet Union to limit strategic nuclear arms and to reduce significantly the numbers of nuclear weapons and deliver systems
► To take all practical actions that could reduce the risk of nuclear war by accident or miscalculation

► To take all practical measures to inhibit the further proliferation of nuclear weapons to additional countries
► To continue to observe all existing arms control agreements, including SALT II, and

► To avoid military doctrines that treat nuclear explosives as ordinary weapons of war."

In the past, APS has helped to educate both the public and its own members about the technical issues involved in nuclear arms limitation by holding symposia and short courses at its general meetings. The Society now plans to increase its emphasis on these matters by holding special sessions organized by the Forum on Physics and Society.

more APS news on page 98