

Summer intern program places students in industry

"We as a department feel that your Industrial Summer Internship Program is a very worthwhile activity," says Noel Yeh, chair of the physics department at the State University of New York at Binghamton.

Now in its eighth summer, the APS Industrial Summer Intern Program has helped hundreds of college physics majors find summer research jobs in industrial laboratories. During the summer of 1987 the program enabled at least 32 students to find jobs in 15 industrial laboratories. Of the 170 students who applied, 92 were chosen by the APS selection committee, headed by Eugenie Mielczarek. Based on information provided by 52 companies, the committee decided which resumes to send to individual companies, which then negotiated directly with the students they wished to hire. APS does not participate in the negotiations for any particular appointment.

Some of the problems students have worked on this summer include high- T_c superconductivity, pulse power measurements for various amorphous ribbons, picosecond spectroscopy of solid-state materials, techniques of laser isotope separation, semiconductor research, electronic and optical properties of inorganic crystals, analysis of ir and Raman spectroscopy, theoretical research involving *ortho*-H₂ collisions, subpicosecond laser pulse systems and II-VI optoelectronic materials.

Although APS asks the companies and the students to inform the program administrator of any jobs that result from their negotiations, not everyone remembers to do so. The following list of companies and students may therefore be incomplete. To the best of our knowledge, however, the participating companies and students this summer were:

Allied Signal Corporation (Morristown, New Jersey): David Elmer (Franklin and Marshall College), Mario Palumbo (State University of New York at Binghamton)

AT&T Bell Laboratories (Murray Hill, New Jersey): Peter Kaplan (Haver-

ford College), Richard Singerman (Massachusetts Institute of Technology)

Bell Communications Research (Holmdel, New Jersey): Laura Smilowitz (Bryn Mawr College)

E. I. du Pont de Nemours & Co (Wilmington, Delaware): Michael Bortz (Cornell University), Lucia Hancock (Lehigh University), Phillip Morin (Bowdoin College), Anna Ploplis (College of Wooster)

General Motors Research (Warren, Michigan): John Erdmann (Kent State University), Samuel Strite (Bucknell University)

Grumman Corporation (Bethpage, New York): Christopher Barbero (State University of New York at Binghamton)

Honeywell, Inc (Bloomington, Minnesota): Scott Lindell (Central University of Iowa)

IBM (Yorktown Heights, New York): Thomas Branham (Miami University, Ohio), John W. Butzberger Jr (Miami University, Ohio), Vincent Crespi (Massachusetts Institute of Technology), Sean Regan (Bard College), Francis W. Reis (Bowdoin College), David Salamon (Cornell University), Cheung F. Tsang (Manhattan College)

Lawrence Livermore National Laboratory (Livermore, California): John Herman (State University of New York at Binghamton)

Litton Control Guidance Systems, Inc (Woodland Hills, California): Thomas G. Garner (Miami University, Ohio), Daniel Roch Meany (University of Dallas)

McDonnell Douglas Corporation (St. Louis, Missouri): Michael K. Young (Point Loma Nazarene College)

Monsanto Research Corporation (Miamisburg, Ohio): Murray Kelley (Rose-Hulman Institute of Technology), Kelly Roos (Bradley University), Byron Watkins (Western Kentucky University)

Oak Ridge National Laboratories-Martin Marietta (Oak Ridge, Tennessee): Joanna Lee (Bryn Mawr College)



Anna Ploplis, an APS summer intern at Du Pont, is shown here checking light-scattering samples. She graduated from the College of Wooster in May 1987 and will attend the University of Maryland, where she will study chemical physics.

Texas Instruments (Dallas, Texas): Anne E. Wetsel (Harvard University)
3M (St. Paul, Minnesota): Michael Jost (St. John's University), Brian L. Pickering (Gustavus Adolphus College), James Richard Talbott (Gustavus Adolphus College).

The 1988 program is now being organized. Information about the program and application procedures can be found in the *APS Bulletin*, starting with the June issue. Inquiries from students, faculty and industrial organizations are welcome and should be directed to Summer Intern Program Administrator, The American Physical Society, 335 East 45th Street, New York NY 10017; (212) 682-7341. The deadline for applications is 30 October 1987. □