

STATE AND SOCIETY

AIP Prepares Book on Graduate Physics and Astronomy Programs

In preparation at the American Institute of Physics and scheduled for release in September is a book titled *Graduate Programs in Physics and Astronomy: a Handbook for Advisors of Prospective Doctoral and Master's Students*. The publication will update and expand the information in two earlier out-of-print books *Doctoral Programs in Physics* (Pub. R-184) and *Master's Degree Programs in Physics* (Pub. R-189) issued in 1965 and a 1967 pamphlet *Research Specialties of Doctoral Programs in Physics* (Pub. R-201) that summarized research areas of departments described in *Doctoral Programs*. The new book will include several departures, however, from the earlier editions. For one thing, it combines doctor's and master's programs in the same book. For another, it adds separate astronomy departments that were not included before. For the first time biographical data are supplied for graduate faculty. The highest degree, the date of the degree and the name of the school that granted it are listed for each member of the staff.

In preparing the book Arnold A. Strassenburg, director of the AIP Division of Education and Manpower, and his assistant, Margaret T. Llano, have asked department chairmen to describe their departments as they anticipate they will be in 1969-70. Invitations to participate were extended to all physics and astronomy departments in the US and Puerto Rico that offer PhD programs, master's degree programs or both. PhD research programs are described in terms of 24 major specialty titles selected by AIP to cover as nearly as possible general research areas of academic departments. Departments were also asked to indicate whether their work in each category is experimental or theoretical. A table like the one that appeared in the 1967 pamphlet summarizes the research specialties. To demonstrate activity as well as competence in research fields, chairmen were requested to provide bibliographical references published within the last three years for each research area they claimed. These references are on file at the AIP

but will not appear in the published material.

196 PhD programs—163 physics and 33 astronomy—are included in the book, most of them with complete descriptions that take about two pages apiece. To aid advisors and prospective graduate students in comparisons among department programs, AIP reserved the right merely to list the institution, department name, and chairman's name and address if insufficient information was supplied. Strassenburg and Llano had to exercise this option only rarely although a few departments expressed a wish to be listed only.

University Ties with Institute for Defense Analyses Ended

While the American Physical Society grappled with the charge of too little involvement in public issues, a group of the nation's universities were faced with the charge of too much involvement in defense activities.

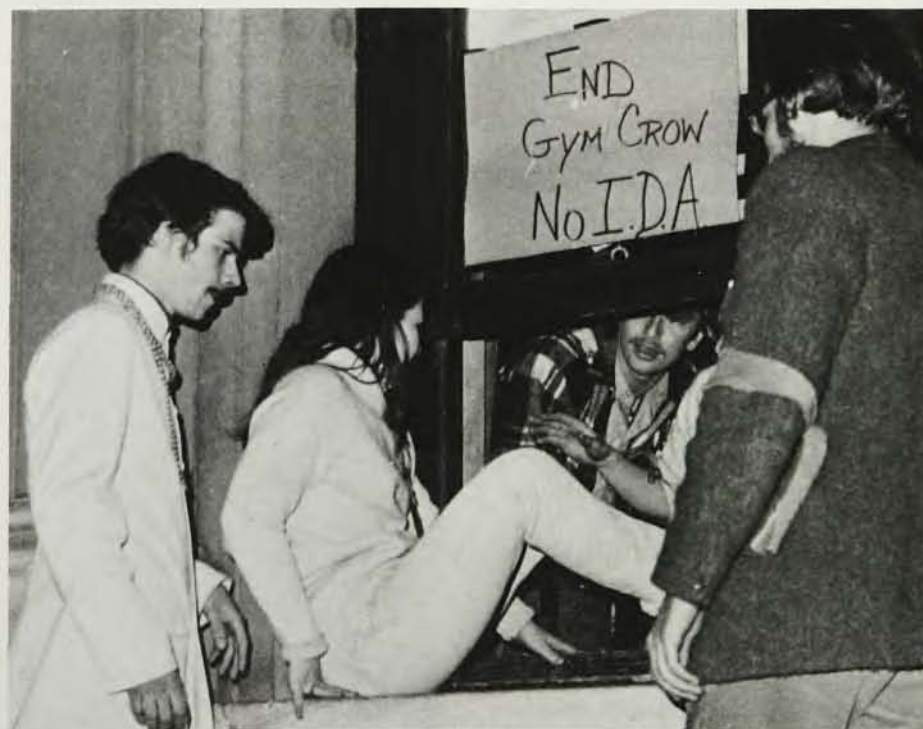
These 12 universities sponsored the Institute for Defense Analyses. Some have been buffeted by student dem-

In the master's section, 305 departments are included. Of that number, 234 programs are described and 71 are listed. Because of limitations on the size of the book, the descriptions of master's programs are rather brief, but the standard format enables comparisons among departments.

Unlike the earlier *Doctoral Programs*, this book is being produced at AIP expense without backing from the National Science Foundation. It will be sold, when ready, by the AIP at \$5.00 per copy. An announcement and order form will be sent to physics and astronomy departments to facilitate ordering.

onstrations, building seizures and faculty dissent. Under fire is university endorsement of war-related, highly classified research through sponsorship of IDA.

With two of the universities, Chicago and Tulane, already announcing their disassociation with IDA and others ready to do the same, the insti-



COLUMBIA STUDENTS SEIZED BUILDINGS in protest against school's role in Institute for Defense Analyses and use of Harlem park land for university gymnasium.