

Postdoctoral fellowships, requiring a doctoral degree or equivalent in one of the sciences, engineering, or mathematics, also have an application deadline in early December with awards to be announced on March 15th.

Applications can be obtained from the Fellowship Office, National Academy of Sciences-National Research Council, 2101 Constitution Avenue, N.W., Washington, D. C. 20418.

Austrian winter school

Elementary particles will be the theme of the University of Graz' fifth international winter school to be held February 24 to March 9 at Schladming, Styria. The course is sponsored by Austria's federal department of education, and the state government of Styria. Further details can be obtained from Dr. Rudolf Baier, Institut für Theoretische Physik, Universitätsplatz 5, Graz, Austria.

New departments

Astronomy as a major course of study is now being offered at the Pennsylvania State University. The newly established four-member Astronomy Department officially became part of Penn's College of Science last July 1 and is headed by John P. Hagen, professor of radio astronomy and director of the University's Radio Astronomy Laboratory.

A 1500-acre campus, three miles from Newport Beach and the Pacific Ocean, is opening this fall as the new Irvine branch of the University of California. Some 1300 undergraduates and 80 graduates are expected to enroll at Irvine, which, together with the new Santa Cruz branch further to the north, brings to nine the number of campuses in the UC system.

Physics at Irvine is represented by an initial seven-man faculty consisting of Kenneth W. Ford (chairman) formerly of Brandeis University, A. Theodore Forrester from Electro-Optical Systems, Alexei A. Maradudin from Westinghouse Research Laboratories, John R. Pellam from the Garrett Corporation, Gordon L. Shaw from Stanford University, Thomas E. Stark from

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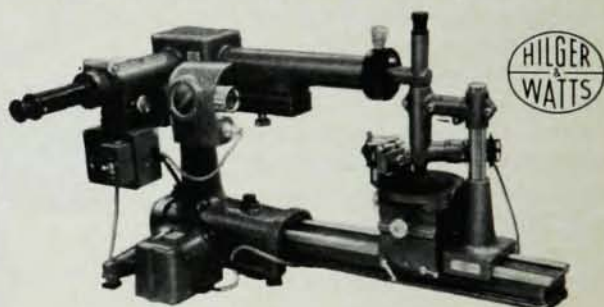


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Western Michigan University, and William G. Wagner from California Institute of Technology.

The Department is offering courses at freshman, junior, and first-year graduate levels, and twelve full-time graduate students have already enrolled. Research activities in the Department include experimental and theoretical work in solid-state, low-temperature, and plasma physics, and theoretical high-energy physics.

Computer science at Cornell University, which has been scattered under many programs in different colleges, will be unified within a new inter-college academic department through a \$1 million grant from the Alfred P. Sloan Foundation. The University's isolated computer courses will be gathered into a consolidated curriculum, and additional courses will be developed, so that a complete computer science program will be available in about a year. Heading the new department is Juris Hartmanis, professor of computer science, who will be assisted by Associate Professors Gerald Salton and Patrick C. Fischer. These men will be joined by Cornell faculty members currently in other departments to complete the faculty of the Computer Science Department.

Industrial physics

A career booklet describing the work of the physicist in industry has been published by the AIP Department of Education and Manpower. Written by Donald H. Loughridge, the 24-page publication sketches a short history of industrial physics since World War II and its prominence today, the diverse research areas in the field, and the education and orientation requisite for an industrial career. Brief descriptions of some representative physicists in industry, of the industrial environment and pace, and the considerable incentives in the field are also included. *The Physicist in Industry* is being sent to all physics departments in colleges and universities. Single copies are available without cost and multiple copies at nominal cost from the AIP Public Relations Department.

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