

Yale's Physics Building

Architect's Model Placed on Display

Preliminary designs for Yale University's proposed \$5,000,000 physics building have been approved by the Yale Corporation, according to word from New Haven, and although no date has been set for starting construction of the building, the project has been given top priority in Yale's fund-raising plans. A model of the building (shown on this page) was placed on exhibition at the meeting of alumni who convened at Yale in mid-October to celebrate the University's 250th anniversary.

The administration and central laboratory building will be a six-story structure of brick and glass, and will be surrounded by classroom and laboratory buildings of lower height, all connected to the main building. One of these surrounding buildings will be devoted almost exclusively to undergraduate teaching with three main lecture rooms which will contain facilities for television views of small-scale demonstrations. There will be teaching laboratories, a library, and a small museum as well as an undergraduate study area. Many laboratories will be built underground to accommodate research projects in nuclear physics.

The present Sloane Physics Laboratory was built in 1912. Once a new physics building has been erected, space in the old structure will be used by departments of plant science, microbiology, zoology, and biophysics which now suffer seriously from overcrowding. The new structure will allow 115,000 square feet of space for teaching and research as compared with 42,535 now available. The architectural design of the new building will permit easy conversion and regrouping of rooms to anticipate changes in the methods of teaching and research in the future.

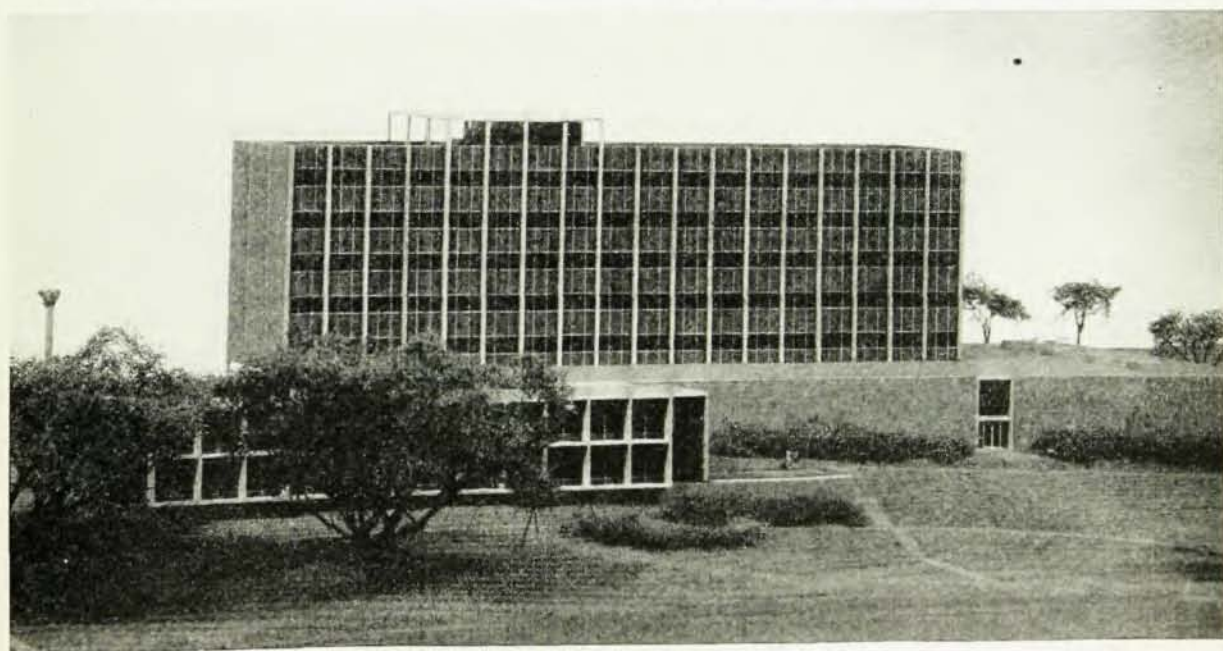
Fellowships Announced by NRC

In Natural Sciences and Electronics

Two groups of fellowships in which physicists are likely to be interested will be available during the academic year 1952-53, according to the National Research Council, under whose auspices the programs are administered.

The National Research Fellowships, supported by the Rockefeller Foundation to promote fundamental research in the natural sciences, are available in the fields of mathematics, astronomy, physics, chemistry, geology, geophysics, paleontology, physical geography, botany, zoology, biochemistry, biophysics, agriculture, forestry, anthropology, and psychology. These fellowships are awarded to citizens of the United States or of Canada, and generally only to persons under 35 years of age. The requirements for the doctorate must have been completed prior to assuming the fellowship, and the Fellow must have demonstrated a high order of ability in research. Fellowships will be awarded by the Natural Sciences Fellowship Board at its meeting in March 1952. Applications to be considered at this meeting should be filed on or before January 1, 1952. Tenure of the fellowship may begin at any appropriate time after the Board meeting.

RCA Predoctoral Fellowships in Electronics, supported by the Radio Corporation of America, are intended to give special graduate training and experience to young men and women who have demonstrated marked ability in the general field of electronics—either as a branch of electrical engineering or as a part of the general field of physics. A Fellow must be a citizen of the United States with training in electronics equivalent to one year beyond the bachelor's degree.



Architect's model of proposed physics building for Yale University. It was designed by Douglas Orr and Eero Saarinen and Associates.