

University will carry out a cooperative industry-university project at a newly established NYU Solar Research Laboratory in Princeton, which is intended to provide a base for teaching, research, and the dissemination of knowledge in the field of solar energy. Curtiss-Wright will provide a building to house the NYU scientific staff and will contribute to the support of research projects. Both programs will be under the direction of Maria Telkes, who has been in charge of solar energy research at NYU since 1953. Dr. Telkes, a physical chemist and internationally recognized authority on the applications of solar radiation, will have the status of a research professor of the University. For 14 years prior to joining NYU, she was associated with the Solar Energy Conversion Project at the Massachusetts Institute of Technology.

Harvard University will offer a program leading to a PhD degree in biophysics beginning with the 1959 fall semester. The program will be available through Harvard's Division of Medical Sciences of the Faculty of Arts and Sciences and the Faculty of Medicine. Although it is expected to be of primary interest to students in the fields of physics, chemistry, and biology, the program will also be open to holders of the MD degree.

The Texas Company has announced completion of an industrial radiation research laboratory located at Texaco's Research Center in Beacon, N. Y. The new laboratory began operation with receipt of a 29 100-curie shipment of radioactive cobalt-60 acquired from Atomic Energy of Canada Ltd. after having undergone irradiation for nearly three years in Canada's Chalk River nuclear reactor. In addition to the cobalt-60 source, the new laboratory houses a 6 to 10-Mev linear accelerator and a 3-Mev Van de Graaff generator, both of which will be employed in radiation studies of petroleum and its derivatives.

Aeronutronic Systems, Inc., a subsidiary of Ford Motor Company, has begun construction of a computer development building on the company's site in Newport Beach, Calif. When the building is complete next August it will be equipped for research, development, and manufacture of special purpose computers and electronic systems for military and commercial application.

Republic Aviation Corporation has announced a \$35 million program of research and development in the field of astronautics. \$14 million has been allocated for a research and development center at the company's main plant in Farmingdale, N. Y. The center will house three process laboratories and research laboratories in space environment, reentry simulation and aerodynamics, materials development, electronics development, guidance and control systems and development, and advanced fluid systems development. Ground for the new center will be broken this month and completion is expected in about a year.

A gaseous oxygen and combined environmental test laboratory to serve aviation and missile manufacturers has been opened by the Whittaker Controls Division of Telecomputing Corporation, Chatsworth, Calif. The laboratory is equipped and instrumented for environmental-functional testing of gaseous oxygen flow components in situations involving such variables as acceleration, vibration, ambient temperature, and humidity. It is also designed to test electronic, mechanical, pneumatic, and hydraulic devices under extreme environmental conditions. The new \$400 000 cryogenics facility is the first stage of the firm's proposed 10-acre, multimillion-dollar test center.

Grants and Awards

The University of Chicago's Department of Statistics is offering grants for postdoctoral study to persons whose primary field is one of the physical, biological, or social sciences to which statistics can be applied. The awards range from \$3600 to \$5000 on the basis of an eleven-month residence. The closing date for application for the 1959-60 academic year is February 16. Further information may be obtained from the Department of Statistics, Eckhart Hall, University of Chicago, Chicago 37, Ill.

The West Coast Electronic Manufacturers Association has awarded \$15 000 in scientific and engineering scholarship grants to seventeen colleges and universities in six western states. The yearly grants are allocated directly to the schools with selection of grantees made by the recipient institutions.

Publications

A Foreign Technical Information Center has been placed in operation in the Office of Technical Services of the US Department of Commerce to provide American science and industry with access to Soviet technical information. The services of the Center include publication of abstracts in English of all articles appearing in 141 Soviet technical journals, translations of important sections of the Russian abstract journal *Referativny Zhurnal*, and a semimonthly review of various areas of Soviet science compiled by the Central Intelligence Agency. Abstracts of each issue of the 141 journals may be purchased from the US Department of Commerce, Office of Technical Services, Washington 25, D. C., on a subscription or single issue basis. The various sections of *Referativny Zhurnal* will be sold initially as single issues, although subscription sales may be offered later.

Services of the OTS will also be increased by a Congressional appropriation of \$510 000 for the operation of the foreign technical information program in the 1959 fiscal year. Functions of the program are to collect, catalog, print, and sell abstracts and complete translations of foreign technical documents collected by OTS.