

■ The controlled production of energy by thermonuclear fusion will be the subject of a new evening graduate course to be given in September by Stevens Institute of Technology. This is perhaps the first course ever offered in this field.

Grants, Fellowships, and Awards

■ The Public Health Service has awarded 3967 research grants totaling \$48,879,678 from fiscal year 1957 funds appropriated to the National Institutes of Health, Bethesda, Md. The grants, which will aid research in medical schools, universities, hospitals, and other non-Federal institutions throughout the country, were distributed as shown here. The first amount given is for new grants and the second is for continuations; the figures in parentheses indicate the number of grants in each group. (i) Allergy and Infectious Diseases, \$2,569,801 (237); \$3,721,027 (340); (ii) Arthritis and Metabolic Diseases, \$2,086,304 (224); \$4,244,724 (375); (iii) Cancer, \$2,195,517 (164); \$7,673,339 (485); (iv) Dental Research, \$382,217 (47); \$519,277 (55); (v) Heart, \$2,479,990 (240); \$7,927,040 (596); (vi) Mental Health, \$765,458 (76); \$2,801,539 (158); (vii) Neurological Diseases and Blindness, \$1,259,352 (120); \$3,718,515 (328); (viii) NIH General (including nursing research), \$2,614,335 (192); \$3,921,243 (330).

■ A booklet describing the Social Science Research Council's fellowships, grants, and summer training institutes will be distributed about 1 Oct. Most applications will be due not later than 7 Jan. 1957. Inquiries should be addressed to the council at 726 Jackson Place, N.W., Washington 6, D.C.

■ In 1957 the National Academy of Sciences-National Research Council will conduct its second annual program of geographical field research in foreign areas. Financial support is provided by the Office of Naval Research. Under the initial program in 1956, ten young Americans are going abroad, for periods ranging up to 14 months, to conduct field research on topics of their own choosing.

The objective of the program is to strengthen American geography by stimulating greater participation by young Americans in field research in areas outside of the United States. Support will be made available not only to geographers but also to scientists in related fields, such as geomorphology, climatology, ecology, and pedology.

The program is designed primarily for graduate students who wish to conduct

field research in connection with their doctoral dissertations, but those who have received their doctorates within the last few years are also eligible. More mature scholars may submit research proposals to the Geography Branch, Office of Naval Research, Washington 25, D.C.

The extent of financial assistance will vary according to the needs involved. The intent is to provide adequately for travel, field, and living expenses, without salary or stipend to the investigator. A preference will be shown for field investigations of at least 6 months' duration; programs of a year or more are desirable. Recipients of support must agree to submit a detailed report of their investigations, suitable for publication, to the Division of Earth Sciences, NAS-NRC.

Applications for support of field work to be initiated before 1 Apr. 1958 must be submitted *before 1 Dec. 1956*. All applications, inquiries, or requests for further information should be addressed to: Foreign Field Research Program, Division of Earth Sciences, 2101 Constitution Ave., Washington 25, D.C.

In the Laboratories

■ The new Westinghouse Research Laboratories in Churchill Borough, 10 miles from Pittsburgh, Pa., will be dedicated next month. Construction of the new laboratories was started in June 1953, but it was not until recently that the job of moving 50,000 pieces of laboratory equipment from the old laboratories in Forest Hills was completed. Full-scale research activities now are under way at the new location, where a staff of more than 700 is employed.

The dedication events will begin on 12 and 13 Sept. with a 2-day press preview for science writers and editors. On 20 Sept. a formal dedication ceremony will be held in the laboratories' auditorium before an audience of scientific, civic, and business leaders, and an open house for the general public will be held on 22 Sept.

■ The Battelle Memorial Institute, Columbus, Ohio, has been licensed by the Atomic Energy Commission to operate a research reactor at a site about 15 miles west of Columbus in Jefferson, Ohio. The reactor is a modified pool-type facility designed to operate at 1000 kilowatts, using contained uranium-235 as fuel.

■ Stanford Research Institute has announced the formation of a mathematics group. Activities of the group will include mathematical and statistical consultation, mathematical research projects,

and a computation service for the institute. Short courses in analog and digital computation will be given for the staff.

Clay Perry has been named to head the new group, which will include George Evans, assistant head; Clarence M. Ablow, senior research mathematician; Carson Flammer, senior mathematical physicist; and Ralph E. Keirstead, research mathematician and chief programmer.

Miscellaneous

■ The International Commission on Zoological Nomenclature has announced that beginning 24th Feb. 1957 it will start voting on the following cases involving the possible use of its plenary powers for the purposes specified against each case. Full details were published on 24 Aug. in the *Bulletin of Zoological Nomenclature* (vol. 12. Pts. 6 and 7/8: (i) *alligator* Blumenbach, 1799 (*Lacerta*), suppression, to protect *mississippiensis* Daudin, [1801-1802] (*Crocodilus*) (Cl. Reptilia); (ii) *Campsicnemus* Haliday, 1851, validation (Cl. Insecta, Order Diptera); (iii) *Elaphella* Bezzi, 1913, and *Lophiotherium* Gervais, 1850, validation (Cl. Mammalia); (iv) *verrucosa* Sars, 1901 (*Alona*), validation (Cl. Crustacea, Order Cladocera); (v) *Candona* Baird, [1846], designation of type species for and *Herpetocypris* (emend. of *Erpetocypris*) Brady and Norman, 1899, validation (Cl. Crustacea, Order Ostracoda); (vi) *Conchoecia* (emend. of *Conchaecia*) Dana, 1849, validation of and designation of type species for (Cl. Crustacea, Order Ostracoda); (vii) *Anchisauripus* Lull, 1904, and *Otouphepus* and *magnificus* (*Otouphepus*), both of Cushman, 1904, suppression (Cl. Reptilia Theropoda [Ichneutes]). Comments should be sent as soon as possible to the secretary of the commission, Francis Hemming, 28 Park Village East, Regent's Park, London, N.W.1.

■ The Navy's High Temperature Project, 5 years of research into new methods for production and maintenance of extremely high temperatures in special furnaces, is summarized in a final report by J. B. Conway and A. V. Grosse that has just been made available through the Office of Technical Services. The project, initiated in 1949, covered two phases, combustion of metals and combustion of gases. The report summarizes specific investigations in each category and refers to detailed reports issued periodically during the work. *Office of Naval Research High Temperature Project, Final Report*, may be obtained for \$1.75 from OTS, U.S. Department of Commerce, Washington 25, D.C.