

News Briefs

■ Argentina has completed an agreement with the World Health Organization under which it becomes the first country in the Western Hemisphere to have a center for the study and control of zoonoses (diseases transmitted from animal to animal or from animals to man). At present there are not less than 86 diseases of wild and domestic vertebrates that are known to threaten human health. The Argentine government has provided facilities for the center and has made an initial allocation of approximately \$28,000 for its operation. WHO has contributed \$45,000 to the first year's budget, and other organizations are expected to contribute in the future.

■ The Air Research and Development Command has announced plans to construct a plant at Rome, N.Y., to test parts for radar defense systems. The facility will be used by Air Force engineers and contractors working on developing radar components such as transmitters and tubes.

■ West Germany and India have agreed to set up jointly an Institute of Technology in India. The Bonn Government's share in the enterprise will be the procurement of equipment and the teaching staff. The new institute probably will be set up in Kanpur (in Uttar Pradesh). It will be the third of its kind; the first two institutes are in Bombay and Kharagpur. A fourth is being planned for Madras.

■ The new building of the Max-Planck Institute for Chemistry in Mainz, West Germany, where the research center found a new home after the bombing of its buildings in Berlin-Dahlem, has now been dedicated. Many well-known chemists from Germany and abroad were present at the ceremony. In an address, the president of the Max-Planck Society, Nobel prize winner Otto Hahn, stressed the point that the work of the institute will be confined solely to peaceful purposes.

Scientists in the News

NEWMAN A. HALL, assistant dean in charge of the graduate division of the College of Engineering at New York University, has been appointed professor of mechanical engineering and chairman of the department at Yale University.

COLUMBUS O. ISELIN, professor of oceanography at Harvard University and chief oceanographer at Woods Hole Oceanographic Institution, has been named director of the institution. He succeeds EDWARD H. SMITH, who has

been director since 1950. Smith had reached retirement age and did not wish to remain in office beyond his 6-year term of appointment.

CHARLES DODDS, Courtauld professor of biochemistry at the Middlesex Hospital Medical School, London, England, will deliver the 33rd course of Lane medical lectures at Stanford University between 17 and 21 Sept. The theme of the five talks will be "Biochemical experiments in endocrinology."

Three Stanford University professors are going abroad for extended visits.

LEONARD I. SCHIFF, executive head of the physics department, will spend a year on sabbatical leave at the Sorbonne. He has received a Guggenheim fellowship and will serve as visiting professor of theoretical physics on the faculty of science, Ecole Normale Supérieure, University of Paris.

SIEMON W. MULLER of the School of Mineral Sciences, another Guggenheim fellow, will spend 9 months at the University of Vienna conducting research in paleontology and participating in a geologic survey for the Austrian Government. In the final months of his sabbatical year he will carry out field work in Jurassic rocks on the island of Majorca. He also holds a Fulbright award.

GEORGE A. FEIGEN of the physiology department will spend his sabbatical year at Oxford University as the first traveling scholar appointed by the American Heart Association. He will continue his investigations in molecular biology in Oxford's departments of pharmacology and hematology.

Recent Deaths

RALPH N. CHIPMAN, Plainfield, N. J.; 70; specialist in weed control; 19 Aug.

KATHERINE CLENDINNING DURKEE, New York, N.Y.; 63; managing editor of *Mechanical Engineering* and other publications of the American Society of Mechanical Engineers; 16 Aug.

HERMAN FREUND, New York, N. Y.; 70; mechanical engineer; former vice president in charge of research and development for the Intertype Corporation; 18 Aug.

WIGHTMAN W. GARNER, Washington, D.C.; 80; plant physiologist who was a specialist in tobacco culture; 19 Mar.

W. LEON GODSHALL, Bethlehem, Pa.; professor of international relations and head of the department at Lehigh University; representative of Pi Gamma Mu on the AAAS council; 1 June.

EDWARD S. MEAD, Philadelphia, Pa.; 82; professor emeritus of finance at

the Wharton School of Finance of the University of Pennsylvania; father of Margaret Mead, a member of the AAAS board of directors; 21 Aug.

HENRY A. SALLER, Columbus, O.; 38; specialist in nuclear metallurgy who had recently been named an assistant technical director at Battelle Institute; 14 Aug.

EDMOND L. SCHMIDT, Storrs, Conn.; 36; histologist and physiologist at the University of Connecticut; 7 Aug.

SARAH L. W. STARR, Philadelphia, Pa.; 82; president of the Woman's Medical College of Pennsylvania from 1921 to 1941; 17 Aug.

GEORGE W. STEWART, Iowa City, Iowa; 80; head of the physics department at the University of Iowa from 1909 to 1946; secretary of AAAS-Section B from 1917 to 1920; 16 Aug.

Education

■ The Atomic Energy Commission has announced that it has invited proposals from colleges and universities to conduct courses in nuclear reactor technology and supporting subjects as part of a program to double the number of nuclear reactor engineers trained each year at the Oak Ridge School of Reactor Technology (ORSORT) at Oak Ridge National Laboratory. The program provides that students accepted for the Oak Ridge school will take the first 6 months of their training at colleges or universities, beginning about 1 Mar. 1957, and the remaining 6 months at Oak Ridge. At the present time, the entire 1-year course is given at the laboratory.

Universities and colleges have been invited to submit proposals before 15 Sept. under which they would provide concentrated preparatory instruction in mathematics, physics, chemistry, and engineering. The subjects to be covered in the university phase of the proposed program will be unclassified. The ORSORT portion of the program will cover classified subjects. Inquiries regarding proposals should be directed to Dr. H. M. Roth, Director, Research and Development Division, U.S. Atomic Energy Commission, P.O. Box E, Oak Ridge, Tenn.

■ The 25th Norelco School on the use of x-ray diffraction will be held at the Sir Francis Drake Hotel in San Francisco, 24-28 Sept. The course is sponsored by the Instruments Division, North American Philips Company, Inc. Those interested in attending these x-ray diffraction meetings should register at once by writing C. J. Woods, Instrument Division, North American Philips Company, Inc., 750 South Fulton Ave., Mount Vernon, N.Y.

■ 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.