

MARIO STEFANINI, a specialist in hematology, is the director of Joseph Stanton Memorial Research Laboratories, which were recently opened at Saint Elizabeth's Hospital in Boston, Mass. He will directly supervise research in blood. ROBERT SPELLMAN has been appointed to supervise surgical research. The \$500,000 laboratories will offer facilities for research to members of the visiting and resident staffs, as well as to medical students from Tufts University School of Medicine.

MARTIN A. ELLIOTT, research professor at Illinois Institute of Technology, has been appointed director of the Institute of Gas Technology. The institute, education and research facility of the nation's gas utility industry, is affiliated with I.I.T. and has headquarters at the I.I.T. Technology Center. The gas institute's staff of 62 scientists and technicians provide specialized education for present and future employees of the industry and perform research relating to the production, transmission, distribution, and utilization of natural and manufactured gas.

ERNEST C. HERRMANN, JR., formerly head of the virus laboratory of E. R. Squibb and Sons, and a research associate in the Institute of Microbiology at Rutgers University, has been appointed chief of the newly established virology and tissue culture section of the Schering Corporation's biochemical research department in Bloomfield, N.J.

EDGAR A. POST, former superintendent of navigational aids for United Air Lines, has been appointed manager of the radio systems laboratory at Stanford Research Institute. He will supervise the engineering division's research in electronic communication and navigation equipment and direct the studies in systems engineering.

MORRIS F. KETAY, an electrical engineer and president of the Norden-Ketay Corporation, has received the Cooper Union Alumni Association's Gano Dunn medal for outstanding professional achievement.

J. P. McKENZIE, technical director of the Copolymer Rubber and Chemical Corporation, Baton Rouge, La., and J. D. SUTHERLAND, a chemical engineer in the company's research and development division, are winners of the Best Paper award of the American Chemical Society's Division of Rubber Chemistry for their paper, "A glass polymerization vessel for small-scale laboratory studies," which described an apparatus made from a standard industrial electric light globe.

Recent Deaths

THOMAS D. ALLEN, Evanston, Ill.; 67; associate clinical professor of ophthalmology at the University of Illinois; 14 Feb.

ROBERT S. BREED, Geneva, N.Y.; 78; internationally known authority on dairy bacteriology and professor emeritus of bacteriology at Cornell University; 10 Feb.

J. HOWARD BROWN, Baltimore, Md.; 71; professor emeritus of bacteriology at Johns Hopkins Medical School; 9 Feb.

WARNER BROWN, Berkeley, Calif.; 73; professor emeritus of psychology at the University of California, Berkeley; 3 Feb.

A. BURTON COHEN, East Orange, N.J.; 73; consulting engineer; 12 Feb.

EMMETT DUNN, Haverford, Pa.; 61; professor of biology at Haverford College; internationally known herpetologist; 13 Feb.

HENRY P. GAGE, Corning, N.Y.; 69; retired head of the Corning Glass Works optical laboratory; 9 Feb.

ERNST A. HAUSER, Cambridge, Mass.; 59; professor of chemistry at Massachusetts Institute of Technology; 10 Feb.

G. MORTON ILLMAN, Philadelphia, Pa.; 78; associate professor of medicine at Temple University; 12 Feb.

JULIUS A. KOCH, Ocala, Fla.; 91; dean emeritus of the Pittsburgh College of Pharmacy; 10 Feb.

JOSEPH LE PRINCE, Memphis, Tenn.; 83; sanitary engineer who aided Gorgas to combat malaria and yellow fever during the construction of the Panama Canal; 10 Feb.

FRED MULLER, Saint Petersburg, Fla.; 65; electrical engineer; 6 Feb.

CORNELIUS L. SHEAR, Monroe, La.; 90; plant pathologist; 2 Feb.

KURT G. STERN, New York, N.Y.; internationally known biochemist; 3 Feb.

MICHAEL STREITCHER, Chicago, Ill.; 58; associate professor of medicine at the University of Illinois; 9 Feb.

WALTER TIMME, Saint Petersburg, Fla.; 81; first professor of neuroendocrinology at the College of Physicians and Surgeons of Columbia University; 12 Feb.

ESTHER G. UHRBROCK, Cincinnati, Ohio; 62; psychologist; 11 Feb.

ROBERT WIDMER, Hawthorne, N.J.; 69; retired textile chemist; 10 Feb.

NATHANIEL W. WINKELMAN, SR., Philadelphia, Pa.; 64; professor of neuropathology at the University of Pennsylvania; 13 Feb.

ROBERT M. YERKES, New Haven, Conn.; 79; professor emeritus of psychology at Yale University; originator of the World War I psychological ex-

amination program for the Army; founder of the Yale Laboratories of Primate Biology at Orange Park, Fla., and a pioneer in psychobiology; vice-president of AAAS Section H in 1919; 3 Feb.

Education

■ Twelve technical writers from business and industry will be among the lecturers in the fourth annual Technical Writing Institute that is to be conducted at Rensselaer Polytechnic Institute from 11 to 15 June by members of the institute's faculty in language and literature. Jay R. Gould is the director. Nearly 200 representatives of 100 large companies have attended the previous annual sessions of the institute. The seminar of lectures and workshop testing is designed to bring help to those who supervise technical writing in business and industry and to those who are entering the technical writing field.

■ There are more dental students in the United States today than ever before in the history of the profession, according to the new 1955-56 *Dental Students' Register* published by the American Dental Association. This year's total of 12,730 students represents an increase of more than 50 per cent in the past 10 years.

■ A long-range study program, designed to determine the methods by which a medical center can best relate its programs of medical teaching, research, and patient care to the current and future needs of the community, has been launched at New York University-Bellevue Medical Center. The numerous facets of the study program will be correlated by a newly formed study group that will function with Allen O. Whipple, educator and surgeon, as consultant. Whipple will serve on a part-time basis. Two members of the faculty have been assigned to the study group on a full-time basis: William N. Hubbard, Jr., associate dean of the N.Y.U. College of Medicine, and Raymond S. Jackson, associate professor of medicine, N.Y.U. Post-Graduate Medical School.

Members of the faculties of the center will supply the basis for the study program by evaluating the present activities of the Medical Center and by submitting recommendations for improvements based on their findings, judgment, and experience. These will in turn be applied to pilot experiments at the Medical Center. The study program, which will also include a comparison of developments in medical education throughout the United States, has been made possible through a recent grant from the Commonwealth Fund.

■ The Tissue Culture Association is again sponsoring a course of instruction in the principles and techniques of cell and tissue culture. The course will be under the direction of Charles M. Pomerat of the University of Texas Medical Branch. It will be given at the University of Colorado School of Medicine from 16 July to 11 Aug. The tuition will be \$100.

The course is designed specifically for postgraduates (M.D. or Ph.D.) who plan to use cultured tissues in their research or teaching. Requests for application forms should be addressed to Dr. Mary S. Parsley, College of Physicians and Surgeons, 630 W. 168 St., New York 32, N.Y., and should be completed and returned to her not *later than 1 May*.

Grants, Fellowships, and Awards

■ The Darbaker Prize Committee of the Botanical Society of America will accept nominations for an award that is to be announced at the annual meeting of the society in 1956. Under the terms of the bequest, the award is to be made for meritorious work in the study of the algae, particularly the microscopic algae. The committee will base its judgment primarily on the papers published by the candidate during the last two full calendar years previous to the closing date for nominations. Only papers published in the English language will be considered.

Nominations for the 1956 award, accompanied by a statement of the merits of the case and by reprints of the publications supporting the candidacy, must be received *before 1 May* by the chairman of the committee. The value of the prize for 1956 will depend on the income from the trust fund, but the amount is expected to be about \$150. For information, write to the secretary of the Botanical Society, Harold C. Bold, Vanderbilt University, Nashville, Tenn.

■ The Tobacco Industry Research Committee has announced a third allocation of \$500,000 to continue support of research by independent scientists into all phases of tobacco use. This amount brings the tobacco group's research fund allocations to \$1.5 million. In a little more than a year the committee's advisory board has recommended grants totaling more than \$838,000, of which \$25,800 has supported fellowships for medical school students.

The three main areas to which the board has directed its attention are the physical and chemical composition of tobacco and accompanying products; tissue changes in both human beings and in animals; smoking and other tobacco habits; and the emotional and physical makeup of smokers.

■ Through the generosity of George R. Cooley, the American Society of Plant Taxonomists has been able to announce that it will offer two cash awards yearly for a period of 5 years. One of these awards carries an honorarium of \$500, the other an honorarium of \$100.

The larger award is to be given for a published paper based on original research and concerned largely with the taxonomy of plants of the southeastern United States, including the states of Alabama, Arkansas, Georgia, Florida, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee. Papers published in the calendar year prior to that in which the award is given will be considered by a special committee appointed by the society.

The committee is composed of Donovan S. Correll (chairman) of the Plant Industry Station, Beltsville, Md.; Harold W. Rickett of the New York Botanical Garden; and Edgar T. Wherry of the Botanical Laboratory, University of Pennsylvania. Papers should be sent to Correll for consideration.

The smaller award of \$100 is to be given for an oral paper on any phase of plant taxonomy delivered before the membership of the American Society of Plant Taxonomists at the program of its annual meeting. All papers given on the program will be considered by a committee consisting of Robert T. Clausen (chairman) of Cornell University; John M. Fogg of the Morris Arboretum, University of Pennsylvania; and H. L. Mason of the University of California, Berkeley.

Papers presented at the next annual meeting, which is to be held at the University of Connecticut, Storrs, 26-30 Aug. 1956, will be considered for the award.

■ The Public Health Service awarded 3036 research grants totaling \$36,522,408 between 1 July 1955 and 1 Jan. 1956 from funds appropriated for fiscal 1956. A summary of the research grants that have been approved for payment during the first half of the current year has been released. The grants support medical research on all major diseases and in the basic sciences related to medicine.

The 350 institutions that received the grants are located in 46 states, the District of Columbia, 2 territories, and 7 foreign countries. About 95 percent of the research funds for the current fiscal year have been committed. Of the 3036 grants, 634 were new. The remaining 2402 were continuation grants.

■ The National Science Foundation has announced that 164 grants, totaling about \$3,240,500, were awarded during the quarter that ended 31 Dec. 1955 for the support of basic research in the natural sciences, for conferences in sup-

port of science, for exchange of scientific information, and for summer institutes for refresher training of high-school and college undergraduate science teachers. This is the second group of awards to be made during fiscal year 1956.

In the Laboratories

■ The High Voltage Engineering Corporation of Cambridge, Mass., has begun construction of an 88,000-square-foot radiation machine test plant on a 50-acre site in Burlington, Mass. The one-story building, to be ready for occupancy in September 1956, will contain enough radiation test vaults to allow operation of 16 accelerators simultaneously. The plan for each vault will be varied to provide for test of both Van de Graaff particle accelerators and microwave linear accelerators. The new facility will cost nearly \$2 million, a figure that includes specialized production and test equipment.

■ Formation of Resources Research, Inc., a firm of consultants that will specialize in solving air and stream pollution problems for industry and federal and state governmental agencies, has been announced by Louis C. McCabe, formerly of the U.S. Public Health Service. The main office of the new firm will be at 4435 Wisconsin Ave. NW, Washington 16, D.C.; there will be additional offices in New York at 55 W. 42 St., and in Casper, Wyo., care of P.O. Box 1861.

McCabe, who served as the first director of the Los Angeles Air Pollution Control District, will be joined in the new enterprise by Frederick S. Mallette, executive secretary of the Committee on Air Pollution Controls and research manager of the American Society of Mechanical Engineers, and William S. McCabe, consulting geologist of Casper, Wyo.

The company will conduct research and development work in geology, mining, industrial wastes, and water resources, and in the economics and supply of both conventional and atomic fuels.

■ The Lockheed Aircraft Corporation has announced establishment of a special projects engineering division within the engineering branch of its Georgia Division at Marietta. The new unit has been organized to help meet the demand for the development of prototype aircraft designs and special systems. Starting with some 50 engineers and designers drawn from other phases of Lockheed's engineering activities, the new division will add another 100 mechanical, structural, and systems specialists within the next 12 months.