

social and historical conditions that have influenced the growth of science, or the effects of scientific developments upon society in the realms of philosophy, religion, social thought, art and literature, economic progress, and so forth. Essays dealing with medical subjects are not acceptable, although papers dealing with the relations between medicine and the natural sciences will be welcomed.

Papers submitted for competition should be sent *before 1 July* to the chairman of the prize committee, Professor A. H. Dupree, Department of History, University of California, Berkeley 4, Calif.

Science teaching. The National Science Foundation has announced that proposals are now being accepted for the support of summer institutes in 1960 for the supplementary training of secondary-school and college science and mathematics teachers and for college teachers of engineering. Proposals are also being accepted for summer institutes for staff members of technical curricula in junior colleges and technical institutes. Universities and colleges which wish to sponsor such institutes are invited to request information and the necessary forms from the Program Director for Summer Institutes, National Science Foundation, Washington 25, D.C. The deadline for the submission of proposals in final form is *1 August 1959*.

Approximately 350 institutes are scheduled for the summer of 1959. They will be held in the District of Columbia, Puerto Rico, and all 50 states. The National Science Foundation expects to provide financial support for a similar number of summer institutes in 1960.

The specific objective of the institutes is to improve the subject-matter mastery of the participating teachers. Nearly all of the institutes are planned and conducted by colleges or universities, and they commonly last from 6 to 16 weeks. It is hoped that a considerable number of the institutes in 1960 will be specifically designed for teachers who have the capacity to benefit from additional training but who have meager backgrounds in subjects they are required to teach.

Foundation funds enable sponsoring colleges and universities to pay stipends to participating teachers, plus allowances for dependents and travel. The participants are exempt from payment of tuition and fees, since the foundation pays the principal operating costs of the institutes.

The number of participants varies from institute to institute, but averages about 50. Participants are chosen by the host institution in each case. Teachers submit their applications directly to the sponsoring institution, rather than to the foundation.

Scientists in the News

The \$2500 Albert Lasker Medical Journalism Awards for distinguished reporting of major developments in medical research and public health programs during 1958 have been presented to the following.

JOSEPH KAHN of the New York *Post*, for a series of articles on the controversy over contraceptive counseling in New York municipal hospitals, published from May to October 1958.

FRANCIS BELLO of *Fortune* magazine, for his article, "The murderous riddle of coronary disease," published in September 1958.

The radio-television program "Today," for its day-to-day coverage over the National Broadcasting Company television network of the significant events in public health and medical research during 1958, including its notable mental health program on the Central Islip State Hospital, New York, 8 October 1958.

AL WASSERMAN was given a special citation for his two programs on narcotics addiction, presented in the series, "The Twentieth Century," over the Columbia Broadcasting System television network, 30 November and 7 December 1958.

FRANCIS CRICK of the Medical Research Council Unit for Molecular Biology, Cavendish Laboratory, Cambridge, England, and visiting professor of chemistry at Harvard University, and JAMES WATSON, associate professor of biology at Harvard University, delivered the Massachusetts General Hospital's Warren Triennial Prize Lectures in Boston on 18 May.

EMA HOLECKOVA and MILENA RYCHLIKOVÁ of the Biological Institute at the Czechoslovak Academy of Sciences will be in this country for 6 months under an exchange agreement with the Czechoslovak Academy of Sciences and the Waldemar Medical Research Foundation of Port Washington, N.Y. They will study problems of tumor immunity and the pathophysiology of the host-tumor relationship in collaboration with the Waldemar staff.

WILLIAM J. ROBBINS, former director of the New York Botanical Garden, has been appointed executive officer of the American Philosophical Society. He succeeds LUTHER P. EISENHART, who retired on 1 May.

NORBERT WIENER, mathematician at Massachusetts Institute of Technology, has been appointed an institute professor. A member of the department of mathematics for 40 years, Wiener now

becomes one of four institute professors whose advanced teaching and research are carried on without regard to departmental boundaries. Although his work in mathematics covers a wide range, Wiener is perhaps best known as the founder of cybernetics.

The annual science awards of the U.S. Naval Research Laboratory's branch of the Scientific Research Society of America were presented to the following NRL scientists.

JEROME KARLE, head of the electron diffraction section, and HERBERT HAUPTMAN, physicist, received the Pure Science Award for their work on a method for the direct determination of crystal structure from x-ray diffraction data.

JAMES A. MILLER, JR., professor of anatomy, and FAITH S. MILLER, instructor in anatomy, both at Emory University, Ga., have received the research prize of the Association of Southeastern Biologists.

LEONARD W. FROMM, JR., head of the water reactors section of Argonne National Laboratory's Reactor Engineering Division, left 12 May for Norway to help a group of scientists put into operation the boiling heavy water reactor (HBWR) at Halden, Norway. He will spend 6 to 12 months on the project, investigating the performance of HBWR components and materials under a variety of operating conditions. He also will assist in specifying materials for the second reactor core. JAMES A. DESHONG, JR., another Argonne engineer in Norway, has been working on the Halden reactor for the past 6 months. He has been preparing to run stability (safety) tests during start-up and initial operation of the Halden plant.

Five United States scientists left Washington on 10 May to spend a month in the Soviet Union surveying developments in endocrinology. The trip is sponsored by the Public Health Service's National Institute of Arthritis and Metabolic Diseases. A Russian team of three endocrinologists spent a month this spring visiting American research institutions for the same purpose.

The scientists are DeWITT STETTEN, Jr., and J. E. RALL, both of the National Institute of Arthritis and Metabolic Diseases, Bethesda, Md.; DWIGHT J. INGLE of the Ben May Laboratory, University of Chicago; RACHMIEL LEVINE of Michael Reese Hospital and the University of Chicago; and EDWIN B. ASTWOOD of the New England Medical Center and Tufts Medical School, Boston.

MAXWELL S. JONES, director of the social rehabilitation unit at Belmont Hospital, Surrey, England, and noted for his contribution to a new "unlocked-door" type of psychiatric care, will serve as visiting professor of psychiatry at Stanford University Medical School for the year beginning 1 July. He will assist in setting up a psychiatric treatment unit at the university's new medical center, which is being built on the Palo Alto campus.

J. GARROTT ALLEN, professor of surgery at the University of Chicago, has been named head of the department of surgery at Stanford University Medical School, effective 1 July.

ALBERT BARKER, professor of microbial biochemistry at the University of California, Berkeley, received the Neuberger Medal of the American Society of European Chemists at a recent meeting held at the Rockefeller Institute.

HENRY S. KAPLAN, professor of radiology at Stanford University Medical School, has received the Bertha Goldblatt Teplitz Award of the Ann Langer Cancer Research Foundation of Chicago.

W. WARD PIGMAN, professor of biochemistry at the University of Alabama Medical Center, will receive the 1959 Hudson Award of the American Chemical Society's Carbohydrate Division at the 136th annual ACS meeting in Atlantic City in September.

GERTRUDE RAND (Mrs. Clarence E. Ferree), research associate emeritus of ophthalmology at the College of Physicians and Surgeons, Columbia University, has received the 1959 Edgar D. Tillyer Medal of the Optical Society of America.

DONALD E. CAMERON, chairman of the department of psychiatry at McGill University, Montreal, has received the \$2500 Samuel Rubin Award for outstanding achievements in mental health. The presentation took place at the Postgraduate Center for Psychotherapy in New York. Cameron also serves as psychiatrist-in-chief and chairman of the medical board of the Royal Victoria Hospital, director of the Allan Memorial Institute, president of the Canadian Psychiatric Association, and past president of the American Psychiatric Association.

KARL W. MAIER of the Winchester-Western Division of the Olin Mathieson Chemical Corporation, has been appointed scientific adviser to the corporation's vice president for research and development.

ATLE SELBERG and DEANE MONTGOMERY, both mathematicians at the Institute for Advanced Study, Princeton, N.J., will be visiting lecturers in mathematics at Yeshiva University's Graduate School of Mathematical Sciences for the academic year 1959-60.

ARNOLD ARCH, air pollution control director at Niagara Falls, has been named executive secretary of the Air Pollution Control Association, Pittsburgh, Pa., effective 1 July. He will also serve as a senior fellow at the Mellon Institute, where he will head the Air Pollution Association's multiple air purification fellowship.

Recent recipients of honorary degrees include the following:

DETLEV W. BRONK, president of the Rockefeller Institute and the National Academy of Sciences, from the University of California, La Jolla.

LAWRENCE K. FRANK, research scholar in human relations in the department of planning at the Massachusetts Institute of Technology, from Wayne State University.

THEODORE VON KARMAN, chairman of the Graduate School of Aeronautics at the University of California Institute of Technology, from Wayne State University.

ANDRE M. LWOFF, head of the department of microbial physiology, Pasteur Institute, Paris, from the University of Chicago.

CLESSION E. MASON, consultant to the petroleum industry, from Marietta College, Marietta, Ohio.

GEORGE E. MYLONAS, professor and chairman of the art and archeology department at Washington University, from Ohio State University.

LYDIA J. ROBERTS, chairman of the home economics department at the University of Puerto Rico, Rio Piedras, from Ohio State University.

PAUL B. SEARS, chairman of the conservation program at Yale University, from Wayne State University.

EDWARD C. TOLMAN, professor of psychology emeritus of the University of California, from the University of California.

Recent Deaths

BENJAMIN M. BLOCH, New York; 58; chemist and administrator of the Weizmann Institute of Science in Israel since 1925; 26 Apr.

RICHARD M. BRICKNER, New York; 62; neuropsychiatrist and assistant professor of neurology at the College of Physicians and Surgeons at Columbia University; staff member of the Neurological Institute of the Columbia-Pres-

byterian Medical Center and Mount Sinai Hospital for 25 years; founder of the Multiple Sclerosis Society; author of *Is Germany Incurable* and *The Intellectual Functions of the Frontal Lobes*; 25 Apr.

DAVID C. BULL, New York; 66; practicing physician and leader in the development of blood-transfusion techniques and blood banks; assistant clinical professor at the College of Physicians and Surgeons of Columbia University, 1938-56; acting chief of clinic at the Columbia Presbyterian Medical Center Vanderbilt Clinic, 1931-45; attending surgeon at Presbyterian Hospital, 1930-57; a founder of the Blood Transfusion Association, 18 Apr.

FRED H. H. CALHOUN, Lexington, N.C.; 85; dean emeritus of Clemson College school of chemistry and geology; joined the college in 1904 as professor of geology and mineralogy and retired in 1947; 2 May.

IRMA K. CRONHEIM, New York; 85; resident physician at the Oceanside Gardens Sanatorium from 1943 until retirement in 1957; came to the U.S. in 1940, after many years of practice in Berlin, the first woman to obtain a medical degree in Germany; 26 Apr.

STUART A. FALCONER, Darien, Conn.; 60; chief metallurgist for the American Cyanamid Company; had been with the company since 1927; 26 Apr.

FREDERICK K. LOOMIS, Norwalk, Conn.; 41; physicist at the Springdale Laboratories of Time, Inc.; former chairman of the Western Fairfield County Chapter of the Optical Society of America; 1 May.

WILLIAM F. OGBURN, Tallahassee, Fla.; 72; sociologist, social statistician, and social philosopher; retired in 1951 as Sewell L. Avery distinguished service professor of sociology of the University of Chicago; visiting professor of sociology at Florida State University since 1953; taught at Columbia University, the universities of Calcutta and Delhi in India, and Oxford; former vice president of the AAAS and of the Social Science Research Council; author of many books; 28 Apr.

REUBEN OTTENBERG, New York; 77; hematologist and internist, who was one of the first in New York to perform a matched blood transfusion; former assistant professor of clinical medicine at the College of Physicians and Surgeons, Columbia University; 25 Apr.

MARTIN G. VORHAUS, New York; 62; specialist in internal medicine, particularly in gastroenterology, and a pioneer in the clinical use of vitamin B₁ in the treatment of neuritis; former chief of the medical service at the Hospital for Joint Diseases; author of *A Guide to General Medical Practice*.