

and local communities in remedying the inadequacies in number of their teachers and teachers' salaries and shortage in classrooms. Murray (D-Mont.), Mansfield (D-Mont.), Cooper (R-Ky.), Morse (D-Ore.), McNamara (D-Mich.), Langer (R-N.D.). Senate Labor and Public Welfare.

HR 10768. Strengthen national defense, advance cause of peace, and assure intellectual pre-eminence of U.S., especially in science and technology, through programs designed to stimulate development and increase number of students in science, engineering, mathematics, modern foreign languages, and other disciplines; provide additional facilities for teaching thereof; promote development of technical skills essential to national defense; assist teachers to increase their knowledge and improve their effectiveness. Perkins (D-Ky.). House Education and Labor.

HR 10842. Encourage expansion of teaching and research in education of exceptional children through grants to institutions of higher learning for training of personnel with advanced professional skills in special education. McGovern (D-S.D.). House Education and Labor.

S 3294. Authorize Secretary of Commerce to enter into contracts for conduct of research in field of meteorology and authorize installation of Government telephones in certain private residences. Magnuson (D-Wash.) (by request). House Interstate and Foreign Commerce.

HJ Res 545. Provide for construction by Secretary of Interior of three full-scale demonstration plants for production, from sea or other saline waters, of water suitable for agricultural, industrial, municipal, and other beneficial consumptive uses. Roosevelt (D-Calif.). House Interior and Insular Affairs.

Civil Service Salary Increases

The Civil Service Commission has authorized an increase in the minimum entrance pay rates for additional shortage-category jobs in the physical and biological sciences as well as for mathematical statisticians. Positions affected are in the following categories: astronomers (GS-1330 series), oceanographers, physical (GS-1360 series), pharmacologists (GS-405 series), mathematical statisticians (GS-1530 series), forest products technologists (GS-1390 series), and geophysicists, exploration (GS-1313 series). The new rates for these jobs, effective 24 February, are: GS-6, \$4890; GS-8, \$5780; GS-9, \$6250; GS-10, \$6725; GS-11, \$7465; GS-12, \$8645; GS-13, \$10,065; GS-14, \$11,395; GS-15, \$12,690; GS-16, \$13,760; and GS-17, \$14,835.

The action will result in a pay increase aggregating some \$320,000 a year for approximately 680 Federal employees already on the rolls. Individual raises will range from \$135 to \$1080 a year. An additional \$106,780 will go to pay the salaries of 150 new employees expected to be added to the rolls in the next 12 months.

The Civil Service Commission expects early completion of current studies of other shortage-category jobs in biological and other scientific areas to determine any further need for increases to help the Government's recruitment efforts.

Scientists in the News

JAMES W. COLE, professor of chemistry at the University of Virginia, has been named dean of the division of general studies and services (extension division). He will succeed GEORGE W. ZEHMER, who will retire 31 August as director of the extension division. Zehmer, who has headed the extension division since 1925 and who served as dean of the summer school from 1935 to 1947, will continue to teach in the School of Education.

DONALD R. HAMILTON, a nuclear physicist and professor of physics at Princeton University, has been named dean of the university's graduate school, effective 1 July. He succeeds HUGH S. TAYLOR, who has reached the compulsory retirement age of 68.

ROBERT A. COOKE, founder in 1918 of the world's first allergy clinic, the Hay Fever and Asthma Clinic at New York Hospital, was recently honored at a dinner given for him by the New York Allergy Society. Cooke, at present director of the Institute of Allergy at Roosevelt Hospital, N.Y., was cited for his contributions "to medicine and human welfare . . . in elaborating the whole field of allergy."

The first Walter C. Russell Memorial Lecture will be given by D. P. CUTHBERTSON, director of the Rowett Research Institute, Aberdeenshire, Scotland, on "The Metabolic Reaction to Trauma" on 21 April at 4 P.M. at Douglass College, Rutgers University, New Brunswick, N.J. Russell served Rutgers for 29 years previous to his death in 1954 as professor of agricultural biochemistry. He was also first dean of the Rutgers Graduate School.

HERSCHEL LEIBOWITZ, psychologist at the University of Wisconsin, has returned to the university after a year's research leave at the University of

Munich and the Max Planck Institute for the Physiology of Behavior. He comments that scientists at the Max Planck Institutes, of which there are more than 40, have no other duties but research and need not devote time to routine administrative responsibilities.

ALBERT J. FREY, vice president in charge of the technical department of Hoffmann-La Roche Inc., Nutley, N.J., has retired after 42 years of service. He plans to do consulting work in chemical engineering. Frey is succeeded by RAETO SCHETT, who has been his assistant for the past 2 years. Frey, who was born in Switzerland, received his Ph.D. in colloid and physical chemistry at the University of Berne in 1914. In 1915, he joined Roche in Basle, Switzerland, as a research chemist. In 1920, he was named production manager, a position he held until 1941, when he went to Nutley as manager of the Roche technical department. In 1944, Frey was elected vice president in charge of the technical department.

RICHARD I. CONDIT, formerly president of the Broadview Research Corporation, Burlingame, Calif., has joined the staff of Stanford Research Institute, Menlo Park, Calif., as a senior scientist attached to the Naval Warfare Research Center. He will participate in problem formulation for projects undertaken by the center and will conduct independent research on specific assignments. The Naval Warfare Research Center was formed in 1957 to provide continuing research on long-range problems of naval operations, with primary emphasis on future naval operations and warfare systems analysis.

KENNETH E. CASTER, paleontologist and professor of geology at the University of Cincinnati, has been invited to become a founding member of the new Brazilian Paleontological Society. Caster is also a member of the Brazilian Academy of Science and a founding member of the Brazilian Geological Society. The latter was organized while Caster was serving as head of the department of geology at the University of São Paulo in 1945.

The Rev. DANIEL LINEHAN, a Jesuit priest and an internationally known seismologist who has just returned from 3 months in Antarctica, has been presented with Fordham University's Insignis Medal. The medal—an award that honors the zeal of Saint Ignatius Loyola, founder of the Jesuit Order—is given to Roman Catholic leaders for extraordinary distinction in the service of God through achievement in their professions. Father Linehan is

head of the geophysics department at Boston College and director of its Weston Seismic Observatory.

JACOB FURTH, associate director of research at the Children's Cancer Research Foundation, Boston, has received the Bertner Foundation Award of the University of Texas M. D. Anderson Hospital and Tumor Institute. Furth was chosen to receive the award for his work in radiation biology. He was the first to demonstrate experimentally the induction of leukemia in mice by the use of whole-body irradiation. He was also the first to demonstrate that ovarian tumors and pituitary tumors could also be induced through the use of whole-body x-rays. Further, he has investigated the effects of radiation upon the endocrine glands and has demonstrated in several organs, including the thyroid and the pituitary, the origin of autonomy in conditioned growth.

WILLIAM G. LYNN, professor of biology at Catholic University of America and specialist in experimental embryology and endocrinology, has been appointed head of the university's department of biology. He succeeds the late Edward G. Reinhard, who died on 29 January.

L. R. HESLER, of the University of Tennessee, dean of the College of Liberal Arts since 1934 and professor of botany since 1919, will retire at the end of the current year. He plans to continue research on southeastern agarics.

The U.S. Naval Research Laboratory has announced the appointment of ALLEN H. SCHOOLEY as the new associate director of research for electronics, succeeding ROBERT M. PAGE, now director of research.

A special award "... in appreciation of his many years of dedicated service" in the field of water pollution abatement was presented recently to RAYMOND W. HESS of Buffalo, N.Y., by the Manufacturing Chemists' Association. Hess is coordinator of pollution research for the National Aniline Division of Allied Chemical & Dye Corporation. He is also an original member and former chairman of the MCA's Water Pollution Abatement Committee.

JOHN E. HEMINGWAY, senior lecturer in geology at the University of Leeds, is visiting lecturer in the department of geology of Northwestern University during the spring term. He is giving a course of lectures on "The Stratigraphy and Sedimentation of the Upper Paleozoic and Mesozoic Rocks of Britain."

SIMON BLACK has been appointed chief of the section on biochemistry and toxicology in the Laboratory of Pharmacology and Toxicology, National Institute of Arthritis and Metabolic Diseases. Black, a chemist with NIAMD since 1954, is replacing O. HAYAISHI, who has accepted a position as chairman and professor, department of medical chemistry, Kyoto University Faculty of Medicine, Kyoto, Japan.

JESSE W. STILLMAN, supervisor of the Physical and Analytical Division of E. I. du Pont de Nemours and Company's Central Research Department, Wilmington, Del., has retired after a career of 41 years with the company during which he pioneered in the application of analytical chemistry to industrial chemical research.

GEORGE E. WAKERLIN has been appointed medical director of the American Heart Association, New York, effective 1 April. He joins the association from the University of Illinois College of Medicine in Chicago, where he has served as professor and head of the department of physiology since 1937. In his new position, Wakerlin will be responsible for planning and directing the medical and scientific programs of the Heart Association. He will fill the post held by the late Eugene B. Ferris.

The University of Washington, Seattle, has announced the appointments of SAUL SCHLUGER, LEO M. SREEBNY, BERTRAM KRAUS, and KENNETH N. MORRISON to the faculty of the School of Dentistry. Schluger is professor of periodontics and director of the graduate dental program. Sreebny is associate professor and executive officer of the department of oral pathology. Kraus is professor of physical anthropology in the department of orthodontics. Morrison is associate professor and executive officer of the department of fixed partial dentures.

RICHARD H. YOUNG, dean of the Northwestern University Medical School, has been named chairman of the American Fund for Psychiatry, Chicago, Ill. He succeeds VERNON W. LIPPARD, dean of the Yale University School of Medicine. The fund provides teaching and research fellowships to young psychiatrists. It is supported by 75 major corporations and several hundred doctors across the country.

A. W. COUTRIS, consulting engineer, has established a firm in his name in Paris. Coutris has been structures and foundation engineer for special projects and problems on the staff of Moran, Proctor, Mueser and Rutledge, New York

consulting engineers. He performed analytical studies for a wide variety of projects, including Texas towers, the advance-warning radar stations in the North Atlantic and Puget Sound.

CHARLES K. WEICHERT, head of the department of biological sciences at the University of Cincinnati, has been appointed dean of the university's McMicken College of Arts and Sciences, effective 1 September. He succeeds GEORGE B. BARBOUR, who is resigning the deanship to return to teaching as professor geology.

MORRIS GOODKIND, director and chief bridge engineer of the State Highway Department of New Jersey, has been named the 1958 recipient of the Egleston Medal, Columbia University's highest alumni award for "distinguished engineering achievement." The medal will be presented at ceremonies to be held in the Low Memorial Library as a part of Columbia's annual Engineering Dean's Day program on 19 April.

The 90th birthday of SAMUEL J. HOLMES, professor of zoology emeritus of the University of California at Berkeley, was on 7 March. The staff of the department of zoology honored Holmes at a luncheon at the Faculty Club. Harry B. Torrey, fellow student of Holmes' in the 1890's and former member of the Berkeley faculty, gave an appreciation of Holmes.

Recent Deaths

WILLIAM BENTMAYER, Philadelphia, Pa.; 93; professor emeritus of ophthalmology at the University of Pennsylvania Graduate School of Medicine; 19 Mar.

A. S. BLUMGARTEN, New York, N.Y.; 71; internist and endocrinologist at Lenox Hill Hospital; author of two textbooks for student nurses; contributed many papers to medical journals; 13 Mar.

HAROLD G. COOKE, Abilene, Tex.; 67; president of McMurry College since 1943; 17 Mar.

MERLE C. COULTER, Chicago, Ill.; 63; professor of botany and associate dean in the Division of Biological Sciences at the University of Chicago; author of *The Story of the Plant Kingdom*, a reference work on plant genetics; 18 Mar.

A. E. HOLCH, Denver, Colo.; 66; professor of botany and chairman of the department at the University of Denver since 1931; 12 Mar.

MARLAND KING, Easton, Pa.; 76; professor emeritus of electrical engineering at Lafayette College; 18 Mar.