

which have advanced the history of chemistry in any of the following ways: by publication of an important book or article; by the furtherance of the teaching of the history of chemistry; by significant contributions to the bibliography of the history of chemistry; or by meritorious services over a long period of time which have resulted in the advancement of the history of chemistry.

All information, in duplicate, should be sent to the secretary of the Division of History of Chemistry by 10 March. Information should be as detailed as possible and should include outstanding as well as minor contributions of the nominee. Failure to furnish full information may unintentionally penalize your candidate. The division secretary is Sidney M. Edelstein, Dexter Chemical Corporation, 845 Edgewater Rd., Bronx 59, N.Y.

Radioisotopes. The Atomic Energy Commission has announced the establishment of a new program of assistance to colleges and universities for education and training in radioisotope principles and technology. The new program provides for direct financial assistance to colleges and universities in obtaining demonstration apparatus, student laboratory equipment, and training aids needed to offer adequate laboratory course work in radioisotope technology. Examples of apparatus and equipment available under the program are as follows: ionization chambers; scintillation counters; scalars and ratemeters; radioactivity standards; Geiger-Mueller counters; gas flow counters; pulse analyzers; radiation sources; training aids that illustrate industrial applications of isotopes; and equipment for the safe storage, proper handling, and disposal of radioactive materials.

Requirements for submission of proposals for equipment grants under this program, and the criteria used in evaluating proposals, may be obtained from the Director, Office of Isotopes Development, U.S. Atomic Energy Commission, Washington 25, D.C.

Scientists in the News

CARL DJERASSI, an internationally known organic chemist and professor at Wayne State University, has won the \$1000 Leo Hendrik Baekeland Award of the American Chemical Society's North Jersey Section. Djerassi, on leave of absence from Wayne, is vice president for research of Syntex, S.A., Mexico City manufacturer of hormones.

Djerassi has made important contributions to the synthesis of cortisone, other hormones of the steroid class, and antihistaminic drugs. He was coinventor of Pyribenzamine, one of the earliest antihistamines. He has described the chemical structure of numerous products derived from plants. His laboratory meth-

ods based on studies of optical rotatory dispersion have created a new field in physical organic chemistry and have provided scientists with a powerful new analytical technique. As director of research for Syntex, Djerassi played an important role in the development of a class of orally effective steroid hormones now being used for the treatment of female disorders, such as infertility.

GEORGE WALD, professor of biology at Harvard University, has been named recipient of the 1959 Rumford Premium of the American Academy of Arts and Sciences, Boston. The formal presentation will take place at a meeting of the academy on 11 March 1959. Wald is being honored with the \$5000 award for his studies on the biochemical basis of vision. His research has centered on the chemistry of the visual process, with particular reference to the chemical changes that take place in the rods and cones of the eye following excitation by light quanta.

An award is being established in honor of MERVIN J. KELLY. Bell Telephone Laboratories and the American Institute of Electrical Engineers have announced the Mervin J. Kelly Award, a \$1000 prize that will be given annually for achievement in telecommunications.

Kelly, formerly president of Bell Laboratories, is now chairman of the board. He will retire on 1 March after 41 years of scientific and administrative service with the Bell Telephone System. The first Kelly award will be made by the American Institute of Electrical Engineers in 1960. The award is being sponsored by Bell Laboratories but will be administered solely by the institute.

ALLEN E. PUCKETT, specialist in aerodynamics, has been named a vice president and director of the systems development laboratories of Hughes Aircraft Company (Calif.). Puckett joined Hughes in 1949 after 4 years as chief of the wind tunnel section of the Jet Propulsion Laboratories of California Institute of Technology. He served as head of Hughes' aerodynamics department of the guided missiles laboratories, then moved to the systems development laboratories as director of advanced planning and later as director of operations and associate director.

WILFORD R. GARDNER, physicist at the U.S. Salinity Laboratory, Riverside, Calif., will study in England and The Netherlands for a period of 1 year, under a National Science Foundation Senior fellowship award. He will spend 4 months at the Agricultural University at Wageningen, The Netherlands, where he will be associated with W. R. van Wijk in the study of the transpiration of

water by plants, and 8 months at Cambridge University School of Agriculture in England with E. C. Childs, head of the Unit on Soil Physics. In both institutions, Gardner plans to study and conduct research on the physical processes in soil-plant relationships.

HERBERT A. SMITH, professor of education at the University of Kansas, has been appointed to head the U.S. Office of Education's new Division of Science, Mathematics, and Foreign Language. Smith has served as director of the program for educating science teachers at Kansas since 1953.

ALVAR P. WILSKA, on leave as professor of physiology, University of Helsinki (Finland), has been appointed visiting professor of cell research in the department of anatomy, Louisiana State University School of Medicine, New Orleans, for a period of 2 years. The primary purpose of the visit will be to complete the construction of a refined model of a "slow-beam," high-contrast electron microscope originally designed by Wilska. The instrument will be used to investigate new problems of cell research at the macromolecular level of organization.

ENOCH R. NEEDLES, consultant in civil engineering, has been reelected president of the Engineers Joint Council for 1959. AUGUSTUS B. KINZEL, vice president for research at the Union Carbide Corporation, has been elected EJC's vice president.

POLYKARP KUSCH, professor of physics and Nobel laureate, and CARL F. KAYAN, professor of mechanical engineering, both members of the Columbia University faculty, have each received a Great Teacher Award from the university's Society of Older Graduates.

The board of medical editors of *Modern Medicine* has announced the winners of the publication's ten annual Distinguished Achievement Awards. The 1958 recipients were chosen from hundreds of candidates nominated by deans of medical schools and readers of the journal. The award winners follow.

HENRY K. BEECHER, Henry Isaiah Dorr professor of research in anesthesia at Harvard University and director of anesthesia at Massachusetts General Hospital, for "zeal in improving methods of anesthesia and development of means for critical evaluation of new analgesic and anesthetic agents."

PAUL C. BUCY, professor of surgery at Northwestern University and president of the World Federation of Neurosurgical Societies, for "research elucidating the functions of the motor cortex and

leadership in clinical neurologic surgery."

NICHOLSON J. EASTMAN, obstetrician-in-chief of Johns Hopkins Hospital, for "pioneer studies on fetal oxygenation and on the etiology of cerebral palsy."

V. EVERETT KINSEY, assistant director of research at the Kresge Eye Institute and professor of ophthalmic chemistry at Wayne University, Detroit, for "fundamental work on retrolental fibroplasia in the newborn and on the basic physiology underlying development of glaucoma."

ROBERT F. LOEB, Bard professor of medicine at Columbia University and director of medical service at Presbyterian Hospital, New York City, for "investigations of electrolyte physiology and the adrenocortical relationship to salt and water metabolism and an outstanding career as teacher and clinician."

C. N. H. LONG, Sterling professor and chairman of the department of physiology at Yale University, for "basic contributions interpreting the control of metabolism by endocrine glands, particularly the adrenal cortex and anterior pituitary."

WILLIS J. POTTS, surgeon-in-chief of Children's Memorial Hospital, Chicago, for "significant advancement of surgical correction of congenital anomalies and his continuing influence in development of pediatric surgery."

TRACY J. PUTNAM, Cedars of Lebanon Hospital, Beverly Hills, Calif., for "a lifetime of fruitful endeavor in teaching and practice and neurologic research into the nature of convulsive disorders."

CECIL J. WATSON, head of the University of Minnesota department of medicine, for "his additions to clinical knowledge of liver function and the clarification of porphyrin metabolism."

W. BARRY WOOD, JR., vice president of Johns Hopkins University and Hospital and professor of microbiology, for "research concerning the pathogenesis of fever and leadership in exploring new methods of medical education."

SEVERO OCHOA, chairman of the department of biochemistry at New York University, and JOHN A. D. COOPER, professor of biochemistry and assistant dean of the Northwestern University Medical School, recently were honored by the University of Brazil with the degree of Doutor Honoris Causa. The honorary degrees were given to the two men in recognition of their help in establishing a radioisotope laboratory in the university's Institute of Biophysics.

ARTHUR V. PETERSON, nuclear engineer, has resigned as vice president of AMF Atomics, a division of American Machine & Foundry Company, and

of AMF Atomics (Canada) Ltd., to establish Arthur V. Peterson Associates. The new firm, which will have headquarters in Westport, Conn., will provide atomic energy consultation to industrial management. Peterson has been associated with the development of atomic energy since his assignment to the Manhattan Engineer District at the time of its formation in 1942. From 1947 to 1953, he was head of the Atomic Energy Commission's fissionable material branch.

JOSEPH A. STERN, formerly associate professor, technology, at the College of Fisheries, University of Washington, has assumed the position of chief of the biochemistry unit, Branch of Space Medicine, Systems Management Office, Boeing Airplane Company, Seattle, Wash. He will continue as a lecturer at the college. JOHN LISTON, formerly of the Torry Research Station, Aberdeen, Scotland, who joined the faculty in 1957, will assume full responsibility for the technological program at the college.

Also at the College of Fisheries, ALBERT K. SPARKS, formerly chief biologist and assistant director of the Texas A. and M. Research Foundation's Marine Laboratory at Grand Isle, La., has joined the faculty as associate professor in invertebrate fisheries, replacing JAMES E. LYNCH, who retired as professor emeritus.

HOBART H. WILLARD, analytical chemist and professor emeritus, University of Michigan, will teach two courses at Valparaiso University next semester. Since he retired from the University of Michigan in 1951, Willard has spent each summer and fall investigating the separation of various compounds and elements at Los Alamos Scientific Laboratory. He devotes the spring months to teaching, usually changing universities each year.

JOHN H. LAWRENCE, director of the Donner Laboratory, University of California, Berkeley, recently lectured at the University of Bordeaux, where he received an honorary doctor of philosophy degree.

Recent Deaths

JEROME ALEXANDER, New York, N.Y.; 82; retired in 1951 as consultant chemist and chemical engineer; was decorated by the French Government in 1931 and 1936 for his services to science; author of *Colloid Chemistry*; 18 Jan.

Sir CLAUDE D. GIBB, Newark, N.J.; 60; British physicist and chairman and managing director of C. A. Parsons & Co., Ltd., and of the Nuclear Power

Plant Company, Ltd., Newcastle-upon-Tyne, England; 15 Jan.

PEARL GREENBERG, Linden, N.J.; 65; chief clinical psychologist for the Veterans Administration in Newark; studied under Alfred Adler at the University of Vienna, Austria, where she received her Ph.D. degree; did psychological and social research for the Sociological Institute of Rutgers University and was clinical psychologist at Marlboro State Hospital; 4 Jan.

GUSTAV HIRSCH, Columbus, Ohio; 82; electronics engineer, who developed a successful television transmitter in 1928; president of the Skyway Broadcasting Company, and director of 13 independent telephone companies; 7 Jan.

WALTER J. MOXOM, Woolford, Md.; 74; meteorologist who retired in 1950 as director of the Weather Bureau's Regional Office, New York; headed the St. Louis Weather Bureau Office, 1938-41; assistant chief of the River and Flood Division, Central Office, Washington, D.C., 1930-38; had been connected with the Weather Bureau for 45 years; 13 Jan.

META P. NEWMAN, Cambridge, England; editor of *Nursing World* from 1928 to 1941; former president of the American Association of Women in Public Health, and former assistant director of health education for the National Foundation; author of two books on nursing; 15 Jan.

F. LANSING STEBBINS, Elizabeth, N.J.; 54; technical editor at the Volt Technical Corporation and formerly a technical editor in Navy and Air Force projects; 18 Jan.

HOLLAND N. STEVENSON, Pelham, N.Y.; 72; otolaryngologist who retired in 1956 after 36 years of practice; former director of otolaryngology at New Rochelle Hospital; professor of bacteriology and surgical pathology at Creighton University, 1918-19; taught pathology at Johns Hopkins University, 1912-15; 12 Jan.

JULIUS WYLER, Queens, N.Y.; 67; professor of applied statistics, Graduate Faculty, New School for Social Research, since 1942; before coming to the United States in 1941, he was assistant director of the Swiss Federal Statistical Office; 13 Jan.

EDWIN G. ZABRISKIE, New York, N.Y.; 84; professor of clinical neurology at the College of Physicians and Surgeons, Columbia University, from 1925 until his retirement in 1948; acting director of the Neurological Institute of New York, 1946-47; studied neurology at universities in Paris and Berlin; founder and diplomate of the American Board of Psychiatry and Neurology; former president of the American Neurological Association and of the Association for Research in Nervous and Mental Diseases; 13 Jan.