

Medal "for his influence upon the policies and people of the College of Engineering of the University of Wisconsin; for his conception of a university as a cooperative enterprise of scholars and disciples in which freedom and power to initiate is diffused, not centralized; for the spirit of steadiness and confidence he has engendered; for the harmonious and cooperative relations within faculty and between faculty and students that have matured under his leadership; and in recognition of the high place he has filled in engineering education and in public estimation not only in his commonwealth but in the nation as well."

The Lamme Medal was established under the will of Benjamin G. Lamme, chief engineer of the Westinghouse Electric and Manufacturing Company, who died in 1924, to be awarded annually to a technical teacher for accomplishment in technical teaching or actual advancement of the art of technical training.

Dean Turneaure was born on a farm near Freeport, Ill., on July 30, 1866. He was graduated in civil engineering at Cornell University in 1889, and imme-

diately engaged in railway engineering work. In 1890 he became an instructor in civil engineering at Washington University in St. Louis, and in 1892 he was appointed professor of bridge and hydraulic engineering at the University of Wisconsin. In 1902 he was appointed acting dean and in 1904 dean of the College of Mechanics and Engineering of the university, and director of the Engineering Experiment Station.

Dean Turneaure served as city engineer for Madison, Wisconsin, for 1900-02. He has been chairman of the Wisconsin Registration Board of Architects and Professional Engineers since 1932; he has served as president of the Society for the Promotion of Engineering Education in 1908-09, and was a member of the Board of Investigation and Coordination which directed the comprehensive study of engineering education carried out by the society from 1923 to 1929. He has conducted pioneer experimental and analytical investigations on impact and secondary stresses in bridges under moving train loads, and also on the strength of steel columns.

## SCIENTIFIC NOTES AND NEWS

DR. ROBERT A. MILLIKAN, who was unable to attend the medal meeting of the Franklin Institute on May 18, received the Franklin gold medal and certificate of honorary membership in the Franklin Institute after his return from Europe on June 25. The medal was awarded "in recognition of his isolation and measurement of the fundamental unit of electricity, the electron; the photo-electric determination of the fundamental constant of radiation, Planck's constant; the extension of the ultra-violet spectrum by two octaves to join the spectrum of the soft x-rays, and the study of the nature and properties of a very penetrating radiation of cosmic origin."

DR. JOEL H. HILDEBRAND, professor of chemistry at the University of California, has been elected a corresponding member of the Physico-Medical Society of the University of Erlangen, "in recognition of his scientific services in the region lying between physical and organic chemistry and in furtherance of personal relationships between the scholars of the world."

DR. MOSES GOMBERG, professor emeritus of organic chemistry, received the degree of doctor of laws at the commencement exercises of the University of Michigan.

SIR FREDERICK GOWLAND HOPKINS, Sir William Dunn professor of biochemistry at the University of Cambridge, recently president of the Royal Society, has been elected president of the Association of Scientific Workers. This organization was founded with the name of the Science Guild by Sir Norman Lockyer in 1918, its object being "to secure wider applications

of science and scientific methods for the welfare of society and advance the professional interests of scientific workers."

DR. RICHARD HESSE, professor of zoology at the University of Berlin, has been made an honorary member of the Bavarian Academy of Sciences.

THE Henry Russell award of \$250 of the University of Michigan "to an assistant professor or instructor whose research and scholarly activities show the greatest promise" has been given to Dr. Frank E. Eggleton, assistant professor of zoology. The Henry Russell lecturer, who was named earlier in the year, is Dr. Charles W. Edmunds, chairman of the department of materia medica and therapeutics of the Medical School.

THE Explorers Club and the American Russian Institute for Cultural Relations with the Soviet Union gave a dinner on June 30 in honor of the Soviet trans-polar flyers, Valeri Chkalov, Georgi Baidukov and Alexander Beliakov, at the Waldorf-Astoria Hotel, New York City. Dr. Vilhjalmur Stefansson presided, and Lowell Thomas was toastmaster.

THE Ward Burdick Award for 1937 of the American Society of Clinical Pathologists has been made to Dr. Stanley P. Reimann, of the Lankenau Institute of Cancer Research, Philadelphia, for his work on cancer research. Dr. Henry F. Hunt, of Danville, Pa., was awarded the gold medal for his exhibit on the etiology of eclampsia, and Dr. B. Steinberg, of Toledo, Ohio,

was awarded the silver medal for his exhibit on the etiology and treatment of acute peritonitis. The following officers were elected: *President-elect*, Dr. T. B. Magath, Rochester, Minn.; *Vice-president*, Dr. S. P. Reimann, Philadelphia; *Executive Committee*, Dr. R. R. Kracke, Emory University, Ga.; Dr. L. C. Todd, Charlotte, N. C.; *Board of Censors*, Dr. H. R. Prentice, Kalamazoo, Mich.; Dr. H. L. Reinhart, Columbus, Ohio; *Board of Registry*, Dr. I. Davidsohn, Chicago; Dr. A. Yaguda, Newark, N. J.

THE American Society for Testing Materials has elected the following officers for 1937-1938: *President* (one year), Dr. A. E. White, professor of metallurgical engineering and director of the department of engineering research, University of Michigan; *Vice-president* (two years), H. H. Morgan, manager, Rail and Track Fastenings Department, Robert W. Hunt Company, Chicago; *Members of Executive Committee* (two years), P. H. Bates, chief of the Clay and Silicate Products Division of the National Bureau of Standards; H. F. Clemmer, engineer of materials, District of Columbia; Dr. G. E. F. Lundell, assistant chief of the Division of Chemistry of the National Bureau of Standards; H. C. Mougey, chief chemist and assistant technical director, Research Laboratories Division of the General Motors Corporation, and R. L. Templin, chief engineer of tests, Aluminum Company of America.

DR. WILTON M. KROGMAN, associate professor of physical anthropology and anatomy at Western Reserve University, has been elected president of the Central Section of the American Anthropological Association.

DR. ULYSSES P. HEDRICK, director of the New York State Agricultural Experiment Station at Geneva, N. Y., presented his resignation to the Board of Trustees of Cornell University on June 28. The resignation will take place on January 15, his sixty-eighth birthday, when he will have reached the age limit. Dr. Hedrick became horticulturist at the station in 1905 and was appointed director in 1928.

DR. GEORGE PERKINS CLINTON, for thirty-five years botanist at the Agricultural Experiment Station at New Haven, Conn., has retired, but, as consulting botanist, will continue to work at the station.

DR. HENRY B. KUMMEL retired on July 1 as state geologist of New Jersey and director of the Department of Conservation and Development. He will serve as consulting geologist at a salary of \$4,500 a year. Dr. Kummel, who has been in the service of the state for more than forty years, will be succeeded as director of the department by State Forester Charles P. Wilber, whose salary will be increased, it is reported, from \$5,800 to \$7,500. Meredith E.

Johnson, who has been assistant geologist, becomes state geologist at a salary of \$4,800 instead of his present salary of \$4,200.

RETIRING members of the faculty of Princeton University include Dr. Lauder W. Jones, Hepburn professor of organic chemistry, formerly chairman of the department of chemistry, and Malcolm MacLaren, professor of electrical engineering.

DR. JOHN E. GORDON, of Chicago, now field director of the International Health Division of the Rockefeller Foundation, has been appointed professor of preventive medicine and epidemiology at the Harvard Medical School.

DR. R. V. BOUCHER, formerly national research fellow at Yale University and recently nutrition specialist for the American Can Company, has succeeded Dr. J. E. Hunter as research professor in poultry nutrition in the department of agricultural biochemistry at the Pennsylvania State College.

CARL C. MONRAD, for the past seven years chemical engineer in the Research Department of the Standard Oil Company of Indiana at Whiting, has been appointed associate professor of chemical engineering at the Carnegie Institute of Technology.

OTTO G. JENSEN has resigned from the research staff of the General Foods Corporation, Battle Creek, Mich., and has joined the staff of the Research Division of the Borden Company, Bainbridge, N. Y.

DR. HOWARD A. SMITH, until recently connected with an investigation for the Chemical Foundation of pit corrosion of stainless steel at the Massachusetts Institute of Technology, has been placed in charge of the corrosion and high temperature oxidation work at the Metallurgical Laboratory of the Republic Steel Corporation at Canton, Ohio.

DR. W. C. LOWDERMILK was recently appointed chief of the Division of Research of the Soil Conservation Service, not chief of the service, as erroneously reported in SCIENCE.

DR. H. L. RICHARDSON, of the department of chemistry at the Rothamsted Experimental Station, Harpenden, England, has been appointed adviser in soils and fertilizers to the National Agricultural Research Bureau, Shaolingwei, Nanking, China.

A SURVEY of how radio, sound recording and reproduction, motion pictures, photography and other scientific achievements may be applied to promotion of learning is to be conducted by a special committee of the National Research Council. Irvin Stewart, vice-chairman of the Federal Communications Commission, has been appointed director. Dr. James B. Conant, president of Harvard University, is chairman of the

committee, which will establish offices in New York City and appoint experts and consultants to aid in its inquiries. Members of the committee in addition to Dr. Conant are Dr. Vannevar Bush, vice-president of the Massachusetts Institute of Technology; Dr. L. D. Coffman, president of the University of Minnesota; Dr. Frank B. Jewett, president of the Bell Telephone Laboratories; Professor Ben D. Wood, of Columbia University; Dr. B. M. Webster, and Dr. Ludvig Hektoen, director of the John McCormick Institute for Infectious Diseases at the University of Chicago.

THE Committee on Scientific Research of the American Medical Association has made a grant to the Medical Department of the University of Rochester School of Medicine and Dentistry for work dealing with antiserum for white blood cells to be carried out under the direction of Dr. John S. Lawrence. A further grant has been made to support the research of Dr. J. C. Davis, of Minneapolis, on the effects of various drugs upon the coronary circulation in the heart lung preparations and in the intact heart. A grant has also been made to Dr. Walter A. Bloedorn, clinical instructor in medicine and acting dean of the Medical School of the George Washington University, to carry on his work on the effect of sodium pyruvate and other substances on Vitamin B deficiency.

PROFESSOR L. E. MELCHERS, head of the department of botany and plant pathology of the Kansas State College, gave the annual lecture before the Nebraska Academy of Science on the evening of May 7. He spoke on "Life and Scenes along the Nile." Professor Melchers was chief mycologist for the Egyptian Ministry of Agriculture at Cairo in 1927-1929.

THE Smith Chapter of the Society of the Sigma Xi held its annual initiation exercises on April 29. Two members of the faculty and seventeen students were initiated. Fordyce Tuttle, of the Eastman Kodak Company, spoke on "Problems Which Make the Design of Motion Picture Apparatus Interesting." Newly elected officers of the chapter are: Dr. Jessie Y. Cann, *president*; Dr. Myra M. Sampson, *vice-president*; Dr. Lois T. Slocum, *secretary*, and Dr. Deane Montgomery, *treasurer*.

SIGMA PI SIGMA, physics honor society, on June 15 installed its thirty-third chapter at the Washington Square College of New York University. The installing officer was Dr. Marsh W. White, of the Pennsylvania State College. Dr. H. C. Rentschler, director of the Westinghouse Research Laboratory, Bloomfield, New Jersey, was received into the society as an honorary member following the installation and spoke at the first open meeting of the chapter that evening on the subject, "Recent Developments in Photoelectricity."

THE International Congress of Psychology, which was to have been held in Madrid in September, 1936, but which was postponed owing to the Spanish war situation, will meet in the Sorbonne, Paris, from July 25 to 31; M. Yvon Beldos, French minister of foreign affairs, will declare the congress open on Sunday. Professor Pierre Janet is honorary president and Professor Henri Piéron is president of the committee of organization. Members of the International Executive Committee are: Professor Ed. Claparède, the University of Geneva; Professor Herbert S. Langfeld, Princeton University; Dr. C. S. Myers, National Institute of Industrial Psychology, London; Dr. Henri Piéron, Paris; Dr. Mario Ponzio, Rome; Dr. L. William Stern, Duke University, formerly of the University of Hamburg, and Dr. Edgar Rubin, University of Copenhagen.

THE fifth International Congress of Radiology will take place in Chicago from September 13 to 17, under the presidency of Dr. Arthur C. Christie, of Washington, D. C. The unity of medicine will be the main theme of the congress, with emphasis on the integral place of radiology in diagnosis and treatment.

THE Pan American Medical Association has made public the itinerary for its seventh cruise-congress, beginning with departure of delegates from New York aboard the Furness Bermuda liner *Queen of Bermuda* on January 15, returning on January 31. The cruise will touch Havana, Port au Prince, Trujillo City and San Juan. The main part of the congress will be held in Havana. There will be three days of scientific sessions with operative clinics. Special sections will be held on tuberculosis, gastro-enteritis, dentistry and industrial medicine.

THE Association for the Study of Internal Secretions, at its recent annual meeting, approved the monthly publication of its journal, *Endocrinology*, in two volumes per year, beginning in January, 1938. This expansion is intended to increase the facilities for and to expedite the publication of original endocrine research.

UNDER the will of the late George Weems Williams his estate is held in trust for Mrs. Williams and his brothers and sisters. On their death the Johns Hopkins Hospital will receive about \$400,000.

A GIFT of two thousand acres of land to the Commonwealth of Massachusetts has been made by Bradley W. Palmer, of the law firm of Palmer, Dodge, Barstow, Wilkins and Davis. The property is situated in Ipswich and Topsfield—1,600 acres of it on the east side of the Newburyport Turnpike and 400 acres on the west side. Under the name of Willow Dale State Forest, part of it is to be maintained as a wildlife sanctuary and the remainder as a forest.