

work in the eradication of *Anopheles gambiae* in Brazil."

At this meeting General Simmons was chosen president-elect of the American Society of Tropical Medicine.

AWARD OF THE PERKIN MEDAL

THE Perkin Medal for 1944 of the American Section of the Society of Chemical Industry has been awarded to Dr. Elmer K. Bolton, of Wilmington, Del., chemical director of E. I. du Pont de Nemours and Company.

Presentation of the medal, conferred annually for outstanding achievement in industrial research, will be made on the evening of January 5, at a joint meeting, held at the Hotel Commodore, New York City, of the Society of Chemical Industry, the American Chemical Society, the American Institute of Chemical Engineers, the Electrochemical Society and the Société de Chimie Industrielle.

According to the citation, the medal is conferred on Dr. Bolton in recognition of

leadership in the synthesis of the first general purpose synthetic rubber to be developed either in this country or abroad, and for his direction of nylon research.

His undertaking in 1925 of a search for a practical synthetic rubber, in spite of previous repeated failures,

emphasizes his vision and boldness as a research director. Through his persistent stimulation and guidance, this search culminated in the commercial manufacture of chloroprene synthetic rubber, commonly known as neoprene, which to-day is a key product in the national synthetic rubber program.

A broad program to explore the fundamentals of polymerization phenomena was undertaken by the chemical department of the du Pont Company in 1928 under the late Dr. Wallace H. Carothers. In the course of these studies synthetic polyamides were discovered, and under Dr. Bolton's direction the development of nylon as a new and revolutionary commercial textile fiber was brought to successful fruition.

Dr. Bolton is the thirty-ninth recipient of the Perkin Medal, which was founded in honor of Sir William Henry Perkin, whose experiments led to his discovery of aniline dyes and the foundation of the aniline dye industry. He joined the staff of the du Pont Company at the Wilmington Experiment Station in 1915. In 1916, he was placed in charge of a group of chemists to study the preparation of synthetic dyes, for which America was at that time largely dependent upon Germany. Dr. Bolton became director of the chemical section of the du Pont dyestuffs department in 1921, assistant chemical director of the du Pont Company in 1929, and chemical director in 1930.

SCIENTIFIC NOTES AND NEWS

THE doctorate of laws was conferred on Dr. Robert A. Millikan, chairman of the executive council of the California Institute of Technology, on November 20 on the occasion of the annual Achievement Day celebration of William Jewell College, at which he made the principal address.

THE degree of doctor of laws was conferred on Dr. Robert Chambers, of New York University, by Queens University, Kingston, Canada, his alma mater, at the October convocation of the university.

COLONEL LEONARD G. ROWNTREE, director of the Philadelphia Institute for Medical Research, chief of the medical division of the National Headquarters Selective Service System, has received the scroll of honor of the New York State Committee on Physical Fitness, in recognition of his "interest, understanding and efforts in behalf of the physical fitness of a nation at war and the welfare of the youth of the future."

THE Medal for the Advancement of Research of the American Society of Metals has been awarded to Robert Crooks Stanley, chairman and president of the International Nickel Company of Canada, in recognition of "pioneering leadership in the field of metals research." The Henry Marion Howe Medal for the best paper to appear in the *Transactions* of the society was

presented at the annual dinner of the society to Earnshaw Cook, chief metallurgist; J. A. Fellows, assistant chief metallurgist, and R. A. Flinn, assistant metallurgist, all members of the staff of the metallurgical laboratory at Mahwah, N. J., of the American Brake Shoe Company. The paper described a quantitative study of the transformation reaction of steel from high to low temperatures in heat-treating practices.

At the eighty-sixth commencement exercises on September 28 of the Long Island College of Medicine, the first alumni medal for distinguished service to American medicine was presented to Dr. Robert L. Dickinson, gynecologist, who graduated from the college in the class of 1882.

THE Captain Joseph H. Linnard Prize of the Society of Naval Architects and Marine Engineers was presented at the fifty-second annual banquet of the society to Professor C. Richard Soderberg, professor of mechanical engineering at the Massachusetts Institute of Technology, and to Ronald B. Smith, director of research and development of the Elliott Company, Jeannette, Pa., on November 17. The award was presented jointly for a paper entitled "The Gas Turbine as a Possible Marine Prime Mover," selected as