

committee on the education, selection and training of research personnel, presented the results of an inter-laboratory study of scientific aptitude and vocabulary tests for research personnel. A business meeting of the institute concluded the formal program.

NOMINATIONS OF OFFICERS OF THE AMERICAN INSTITUTE OF ELECTRIC- TRICAL ENGINEERS

THE National Nominating Committee of the American Institute of Electrical Engineers, consisting of members from various parts of the country, has nominated the following official ticket of candidates for the offices becoming vacant on August 1:

For President: Nevin E. Funk, vice-president in charge of engineering, Philadelphia Electric Co.

For Vice-presidents:

Middle Eastern District, W. E. Wickenden, president, Case School of Applied Science, Cleveland, Ohio.

Southern District, C. W. Ricker, professor and head of the School of Electrical Engineering, Tulane University, New Orleans, La.

North Central District, L. A. Bingham, assistant professor of electrical engineering, University of Nebraska.

Pacific District, J. M. Gaylord, chief electrical engineer, Metropolitan Water District of Southern California, Los Angeles.

Canada District, W. J. Gilson, general manager, Eastern Power Devices, Ltd., Toronto.

For Directors: C. M. Laffoon, engineering manager, A. C. Generator Eng. Dept., Westinghouse Electric and Mfg. Co., East Pittsburgh.

C. W. Mier, engineer, Southwestern Bell Telephone Co., Dallas, Texas.

S. H. Mortensen, chief electrical engineer, Allis-Chalmers Mfg. Co., Milwaukee, Wis.

For National Treasurer: W. I. Slichter, professor emeritus of electrical engineering, Columbia University.

These official candidates, together with any independent nominees that may be proposed later in the manner specified by the constitution and by-laws, will be voted upon by the membership at the coming election this spring.

H. H. HENLINE,
National Secretary

AWARD OF THE WILLARD GIBBS MEDAL

To Dr. Conrad Arnold Elvehjem, professor of biochemistry, University of Wisconsin, the Chicago sec-

tion of the American Chemical Society has awarded the thirty-second Willard Gibbs Medal, founded by William A. Converse. This is the highest award that the section can bestow. It is given each year in special recognition of "eminent work in and original contributions to pure or applied chemistry." The medal is awarded to Dr. Elvehjem,

For his studies involving trace elements in nutrition, begun in 1928, in collaboration with Hart, Steenbock and Waddell, with the discovery that copper is essential to the formation of hemoglobin and for subsequent extensive studies of the metabolism of iron, copper, manganese, zinc, cobalt, selenium, boron and aluminum and their function in nutrition.

For studies in tissue respiration, begun at Cambridge and since 1929 applied to the study of vitamin function, which have shown the relation of thiamine to co-carboxylase, riboflavin, *d*-amino acid oxidase and xanthine oxidase, and of nicotinic acid to coxymase.

For studies involving the B vitamins, begun with the use of the chick as test animal and the use of liver extract as vitamin source, which resulted in his greatest achievement—the discovery of nicotinic acid as a cure for black tongue in dogs.

For continuing pioneer work; in discovering the place of nicotinic acid in the fight to combat black tongue, pellagra and other deficiency diseases occurring particularly in the southern part of the United States; in demonstrating that chick dermatitis is due to pantothenic acid deficiency; in the discovery of a very labile factor in green, succulent material through studies with mineralized milk diets, which lead to further studies on synthetic diets for test animals; and for studies on the newer members of the vitamin B complex, now in progress.

Dr. Elvehjem was born in McFarland, Wis., on May 27, 1901. He was graduated from the University of Wisconsin in 1923 and received his Ph.D. degree from the same institution in 1927.

He has been associated with his Alma Mater, without interruption, since 1925, when he became an instructor in biochemistry. He became assistant professor in 1930, after having spent a year abroad studying at the University of Cambridge, England. He was appointed associate professor in 1932 and professor in 1936.

The formal presentation of the medal will be made at the meeting of the Chicago section on May 20.

SCIENTIFIC NOTES AND NEWS

DR. DONALD D. VAN SLYKE, a member of the Rockefeller Institute for Medical Research, Department of the Hospital, New York City, has been elected an honorary member of the Kungl. Vetenskaps-Societeten (Royal Society of Sciences) of Upsala, Sweden.

At the commencement exercises of the Marquette University School of Medicine on February 13, the degree of doctor of science was conferred on Rear Admiral Ross T. McIntire, Surgeon General of the United States Navy.

DR. LESLIE T. WEBSTER, a member of the Rocke-