

The institute to be initiated by certain members of the society who will form a group to be known as the Founders' Group; members who are eligible to make application for membership in the Founders' Group shall have the following qualifications: he shall be a graduate of a recognized ceramic engineering school; he shall have been actively and continuously engaged in the practice of ceramic engineering for ten years or more since the completion of his basic collegiate engineering work; he shall be a member in good standing in the American Ceramic Society.

3. That the membership rules should make provision for the admission of the following persons, if qualified, all of whom must be engaged in ceramic engineering work: graduate ceramic engineers; graduate engineers originally trained in other fields of engineering; other persons who by self-education and experience can qualify as ceramic engineers.

Recommendations No. 1 and No. 2 were adopted by the board and No. 3, as well as several other minor recommendations regarding committees, etc., were adopted in principle.

The Institute of Ceramic Engineers will be somewhat different from some of the other engineering societies, in that there will not be any grade of membership open to those with only an interest in ceramic engineering. The entire membership will consist of ceramic engineers and other engineers engaged in ceramic engineering work. The first meeting will be held during the annual meeting of the American Ceramic Society in New Orleans from March 27 to April 2, 1938.

#### PERMANENT SCIENCE FUND OF THE AMERICAN ACADEMY OF ARTS AND SCIENCES

INCOME from the Permanent Science Fund, according to agreement and declaration of trust, shall be applied by the American Academy of Arts and Sciences to such scientific research as shall be selected "... in such sciences as Mathematics, Physics, Chemistry, Astronomy, Geology and Geography, Zoology, Botany, Anthropology, Psychology, Sociology and Economy, History and Philology, Engineering, Medicine and Surgery, Agriculture, Manufacturing and Commerce, Education, and any other science of any nature or description whether or not now known or now recognized as scientific; and may be applied to or through public or private associations, societies, or institutions, whether incorporated or not, or through one or more individuals."

Applications for grants under this indenture are considered by a committee of this academy on stated dates only. The next such meeting will be to consider applications received in proper order on blank forms furnished by the committee on March 1, 1938. Correspondence, including requests for application blanks, should be addressed to the Chairman of the Committee

on the Permanent Science Fund, Professor John W. M. Bunker, Massachusetts Institute of Technology, Cambridge, Mass.

Grants-in-aid from this fund were voted by the academy on November 10, 1937, as follows:

Professor Charles Chupp, Cornell University, \$400, to aid in finishing a monograph of the fungous genus *Cercospora*.

Dr. Willi M. Cohn, research lecturer, University of California, \$150, to be used in printing—in the *Astro-physical Journal*—the results obtained on the polarization of the solar corona in the 1932 and 1934 eclipse expeditions.

Professor Ada R. Hall and Helen W. Kaan, Wellesley College, \$59, to assist in a histological investigation of the development of thyroid glands in rat embryos.

Professor Robert S. Harris, Massachusetts Institute of Technology, \$300, for the purchase of mothers' milk, to be used in an investigation of (a) the chemistry of the casein; (b) the antirachitic properties.

Dr. Francis R. Hunter, Rhode Island State College, \$250, toward the purchase of a Barcroft-Warburg Micro-Respirometer, to be used in a comparative study of respiration and permeability.

Professor Walter Landauer, Storrs Agricultural Experiment Station, \$150, for the purchase of an analytical balance to be used in connection with a quantitative study of growth in lethal embryos of Creeper and Cornish fowl.

Dr. Clarence C. Little, director, Roscoe B. Jackson Memorial Laboratory, \$1,000, to be used to study the incidence of tumors and other growth abnormalities in a species cross in mice.

Dr. Karl E. Mason, Vanderbilt University School of Medicine, \$500, for technical assistance in the development and standardization of reliable methods for the routine assay of food substances for their vitamin E content.

Professor Arthur F. Scott, Reed College, \$500, for the purchase of apparatus to be used in determinations of the atomic weights of beryllium and bismuth.

Drs. Kurt G. Stern and Abraham White, Yale University School of Medicine, \$400, to be used for the construction of equipment for the study of the homogeneity and certain physical properties of highly purified protein preparations and protein derivatives.

Dr. John H. Welsh, Harvard University, \$200, to enable him, during his sabbatical leave, to visit the laboratories of Professor Koller at Kiel, and Professor Hanström at Lund.

Professor William F. Windle, Northwestern University Medical School, \$500, for employing the services of a trained laboratory assistant in a study of neurological factors in the development of foetal respiration, and other general problems of foetal behavior.

#### THE NEWLY ELECTED FELLOWS AND CORRESPONDENTS OF THE GEO- LOGICAL SOCIETY, LONDON<sup>1</sup>

At its meeting on November 3, the Geological Society, London, elected as foreign fellows Dr. W. A.

<sup>1</sup> From *Nature*.