

senting each branch of pure and applied science in which research is being carried on in the Niagara area. Buffalo and Niagara Falls are the central communities in the area which includes Erie and Niagara Counties of western New York.

The objects of the council are to promote scientific research and coordinate so far as possible the research work done in the area in order that duplication may be prevented and closer relations established between the individuals engaged. Buffalo and Niagara Falls by virtue of their varied industries are said to be particularly fitted to benefit by a council of this sort.

The members and the fields of research they represent include:

- Dr. Charles J. Fish, *President*, Buffalo Museum of Science, zoology.
- Cedric A. Vincent-Daviss, *Vice-president*, Roessler & Hasslacher, Niagara Falls, N. Y., chemistry.
- William N. Kessel, *Secretary*, Buffalo Chamber of Commerce, business.
- Christopher H. Bierbaum, Lumen Bearing Company, Professor John A. Curtin, D'Youville College, meteorology and astronomy.
- George A. Davis, Buffalo, astronomy.
- Professor John P. Delaney, Canisius College, seismology.
- Robert W. Elmes, Buffalo Chamber of Commerce, business.
- Charles Ward Hall, Hall Aluminum Aircraft Corporation, aeronautics.
- Dr. L. Grant Rector, University of Buffalo, physics.
- Dr. Frances M. Hollingshead, Buffalo Foundation, social science.
- Dr. Frans Visser't Hooft, Lucidol Corporation, chemistry.
- Dr. Edward W. Koch, University of Buffalo, medicine.
- J. Allen Johnson, Buffalo, Niagara and Eastern Power Corporation, engineering.
- James A. Johnson, Buffalo, radio.
- Stephen T. Lockwood, Buffalo, engineering.
- Dr. R. H. Pegrum, University of Buffalo, geology.
- R. R. Ridgway, Niagara Falls, electrochemistry.
- Wilbert H. Spencer, University of Buffalo, botany.
- Dr. A. A. Thibaudeau, State Institute for the Study of Malignant Diseases, physiology.

APPROPRIATIONS FOR GRANTS-IN-AID BY THE NATIONAL RESEARCH COUNCIL

At its meeting in December the National Research Council's committee on grants-in-aid made eighteen grants for the support of research, as follows:

R. C. Gibbs, professor of physics, Cornell University, the measurement and interpretation of the structure of lines in the atomic spectra of nitrogen; George R. Harrison, professor of physics, Massachusetts Institute of Technology, the determination of transition probabilities in multiple ionized atoms; Mark H. Liddell, profes-

sor of English, Purdue University, physical characteristics of speech sounds.

John B. Whitehead, professor of electrical engineering, the Johns Hopkins University, studies upon insulating oils.

Warren O. Thompson, assistant professor of geology, University of Colorado, stratification of unconsolidated deposits.

Sydney W. Britton, professor of physiology, University of Virginia Medical School, the isolation and evaluation of the function of the cortico-adrenal hormone; Israel L. Chaikoff, instructor in physiology, University of California Medical School, the relationship of high fat diets to arteriosclerotic changes in depancreatized dogs; E. A. Doisy, professor of biochemistry, St. Louis University School of Medicine, the female sex hormone; James Ewing, professor of pathology, Cornell University Medical College, the possible tuberculous nature of Hodgkin's granuloma; E. B. Krumbhaar, professor of pathology, University of Pennsylvania School of Medicine, the mechanism of opsonin and bacteriotropin action; Mildred Trotter, associate professor of anatomy, Washington University, the weight of hair in relation to its form, size and color.

Bennet M. Allen, professor of zoology, University of California at Los Angeles, the influence of the thyroid gland and hypophysis upon growth and development; Lee R. Dice, assistant professor of zoology, University of Michigan, variability in subspecies of *Peromyscus maniculatus*; Francis W. Pennell, curator of plants, Academy of Natural Sciences of Philadelphia, Scrophulariaceae of the northwestern part of the United States; Charles H. Philpott, professor of zoology, Harris Teachers College, the effects of snake venoms on certain protozoa.

Melville J. Herskovits, assistant professor of anthropology, Northwestern University, Africanisms in the American Negro; Melville Jacobs, instructor in anthropology, University of Washington, the preservation of extinct or nearly extinct Indian tribal songs of northwestern Oregon.

VERNON KELLOGG,
Permanent Secretary, National Research Council

OFFICERS OF THE AMERICAN CHEMICAL SOCIETY

PROFESSOR MOSES GOMBERG, of the University of Michigan, became president of the American Chemical Society on January 1. Professor Gomberg will serve during 1931, succeeding Dean William McPherson, of the Ohio State University.

Dr. L. V. Redman, vice-president and director of research of the Bakelite Corporation, Bloomfield, New Jersey, has been elected president of the society in 1932. The other nominees were Professor Joel H. Hildebrand, of the University of California; Professor Samuel C. Lind, of the University of Minne-