

Japan, Switzerland, India, Finland, Holland, Turkey and Ireland. All sessions were exceptionally well attended. Two meetings to which the public was invited, held in the Manhattan Opera House, filled the auditorium.

In recognition of the excellence of both technical and scientific exhibits the Governing Council passed a resolution of commendation. The awards for scientific exhibit excellence were announced as follows:

1. The Rockefeller Institute for Medical Research and The International Health Division of the Rockefeller Foundation.
2. Otto Neurath, president, International Foundation for Visual Education.
3. New York World's Fair, 1939, Inc.
4. Metropolitan Health Department of British Columbia, Canada.
5. New York City Cancer Committee.
6. American Medical Association.

Among the resolutions adopted were:

- A resolution reiterating the attitude of the association toward the removal of public health administration from political interference and control.
- A resolution in favor of Congressional appropriations for a minimum of two years for a nation-wide statistical survey of the accident problem.
- A resolution supporting the development of more adequate diagnostic services for the control of syphilis.
- A resolution supporting the Vinson Bill as the best procedure and organization for lessening the danger to public health from stream pollution.
- A resolution pledging active support to measures which seek to secure better maternal and neo-natal care.
- A resolution authorizing a special committee to study the public health aspects of medical care, especially of chronic diseases.

Dr. Arthur T. McCormack was inducted into the office of president; Abel Wolman, professor of sanitary engineering at the Johns Hopkins University, was named president-elect. Dr. Thomas Parran and Dr. John P. Koehler were returned to the executive board and the following ten members were elected to the Governing Council: Drs. W. F. Draper, A. Grant Fleming, Ira V. Hiscock, E. V. McCollum, J. T. Phair, John L. Rice, George C. Ruhland, William P. Shepard, W. G. Smillie and Huntington Williams.

The annual meeting in 1938 will be held at Kansas City.

NOMINATIONS FOR PRESIDENT-ELECT OF THE AMERICAN CHEMICAL SOCIETY

LOCAL sections of the American Chemical Society, in accordance with the constitution and by-laws governing elections, have proposed for nomination members for president-elect and councilors at large. The four names receiving the largest vote will then be put

upon the final ballot which goes to members of the council. The nominations are given in *Industrial and Engineering Chemistry* as follows: For president-elect:

- William Lloyd Evans, professor and chairman of the department of chemistry at the Ohio State University.
 Per K. Frolich, director of the chemical laboratories of the Standard Oil Development Company.
 Harry N. Holmes, professor and head of the department of chemistry at Oberlin College.
 Charles A. Kraus, professor of chemistry and director of the Newport Rogers Laboratory at Brown University.
 Samuel C. Lind, dean of the Institute of Technology of the University of Minnesota.
 Carl S. Miner, consulting chemist, Miner Laboratories.
 Hobart H. Willard, professor of chemistry at the University of Michigan.

The following have been nominated to serve as councilors-at-large:

- William Mansfield Clark, professor of physiological chemistry at the Johns Hopkins University.
 A. C. Fieldner, chief of the Technical Branch and chief engineer of the Coal Division of the U. S. Bureau of Mines.
 Ivan Gubelmann, chemical director of the Organic Chemistry Division of E. I. du Pont de Nemours and Company, Inc.
 B. Smith Hopkins, professor of inorganic chemistry, University of Illinois.
 G. E. F. Lundell, chief of the Chemistry Division, National Bureau of Standards.
 John H. Nair, assistant director of the Research Laboratories of the Borden Company.
 A. S. Richardson, director of chemical research, Procter and Gamble Company.
 H. A. Shonle, research organic chemist, Eli Lilly and Company.

GRANTS AWARDED BY THE AMERICAN PHILOSOPHICAL SOCIETY

GRANTS for research have been awarded as follows by the committee on research of the American Philosophical Society:

- D. H. Wenrich, University of Pennsylvania, for the continuation of the study of nuclear and other variations in the parasitic amoebae of man \$ 500
 Horace G. Richards, New Jersey State Museum, for the collection and study of the land mollusks of the Island of Roatan, Honduras, with special attention to the bearing of this fauna on problems of paleogeography 200
 Edward Girden, Brooklyn College, for the study of the relationship between bone-conduction and air-borne waves in the auditory acuity of dogs, and the effect of cortical extirpation upon these functions 350
 T. M. N. Lewis, University of Tennessee, for archeological field research in Tennessee 1,000

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| Edward Horne Craigie, University of Toronto, for the study of vascularity in the brains of amphibians and reptiles | \$ 225 | Paleocene floras from Patagonia and from two horizons on the Island of Trinidad, B. W. I. | \$ 100 |
| George Kreezer, The Training School at Vine-land, N. J., for the determination of the properties of the human electro-encephalogram at different levels of intelligence and for different types of mental deficiency | 500 | Millar Burrows, Yale University, for preliminary excavations at Tell el-Kheliefah, a small mound in southern Transjordan, just outside of Aqabah | 900 |
| Marie Channing Linthicum, Salem College, for the investigation of the history of the costuming of allegorical, symbolic and type characters on the English stage | 400 | Elmer D. Merrill, Harvard University, for a taxonomic and phytogeographic consideration of the Bornean species of <i>Eugenia</i> | 750 |
| Elsa Guerdum Allen, Cornell University, for the study of the history of American ornithology before Audubon | 400 | Union Library Catalogue of the Philadelphia Metropolitan Area | 6,000 |
| V. M. Slipper, Lowell Observatory, for the completing of the systematic search of the wide ecliptic belt of the sky for more distant planetary members of the solar system | 2,000 | Tracy M. Sonneborn, Johns Hopkins University, for the study of sex, sex inheritance and sex determination in ciliate protozoa | 720 |
| Arthur E. Ruark, University of North Carolina, for cloud chamber studies of positron-electron pairs | 1,250 | Rudolf Höber, University of Pennsylvania, for investigations concerning intestinal absorption in mammals, influence of organic substances upon the resting potential of muscles and nerves and upon contractility of muscles, secretion of the isolated liver | 2,000 |
| Edward Sapir, Yale University, to obtain supplementary text material in Navaho | 400 | F. J. M. Sichel, University of Vermont, for the study of the excitation properties of the contractile mechanism in skeletal muscle | 600 |
| Gabriel Bonno, University of California, for the study of the intellectual relations between Great Britain and France from 1715 to 1735 | 750 | Mary Butler, University Museum of Pennsylvania, for the study of Maya archeological material, chiefly pottery, from the Chama district of the highlands of Guatemala | 1,800 |
| James A. Geary, Catholic University of America, for a field study of the phonology and inflexions of Algonkin and related Algonquian dialects in Quebec and Ontario | 400 | Carl Bachman and D. Wright Wilson, University of Pennsylvania, for a cooperative study of sex hormones: (a) Purification, chemical and biological study of pregnancy prolan; (b) Study of the quantitative metabolism of oestrogenic hormones and pregnandiol in normal and pathologic pregnancy | 2,400 |
| Edward B. Logan, University of Pennsylvania, for the study of the direct primary system in Pennsylvania | 1,000 | Fred E. D'Amour, University of Denver, for the determination of the time of ovulation in normal women by analysis of the urine for gonadotropic hormone | 1,000 |
| Norman John Berrill, McGill University, for the study of the histology of growth in post-embryonic development, with special reference to the origin of new types of tissue, tissue repair, and regeneration | 1,100 | F. K. Richtmyer, Cornell University, for the study of double ionization of inner electron of inner electron shells of atoms | 1,800 |
| Moravian Seminary and College for Women, Bethlehem, Pa., for research in Moravian music manuscripts located at Bethlehem, Pa., leading to a complete and authoritative catalogue of the material and a historical monograph summarizing the findings of the study | 2,000 | Eliot R. Clark, University of Pennsylvania, for the study of living cells and tissues in the living mammal with aid of artificially installed transparent windows and chambers | 2,500 |
| Carl C. Lindegren, University of Southern California, for the study of the mechanism of crossing-over in the regions distal to the spindle-fiber-attachment in the chromosomes of <i>Neurospora crassa</i> | 500 | Ruth B. Howland, New York University, for the continuation of the study of reciprocal transfers of imaginal discs between <i>Drosophila</i> larvae | 250 |
| Hellmut deTerra, Academy of Natural Sciences, for an archeological survey in Upper Burma | 2,500 | | |
| Henry L. Savage, Princeton University, for the investigation of the background of the Middle English poem "Sir Gawain and the Green Knight" | 400 | RECENT DEATHS AND MEMORIALS | |
| Winona Welch, DePauw University, for the completion of the monograph study of the Fontinal-acae of the world | 800 | FRANCIS P. GARVAN, president of the Chemical Foundation, died on November 8 at the age of sixty-two years. | |
| Davenport Hooker, University of Pittsburgh, for functional and morphological studies of human prenatal development | 2,500 | EDWARD R. JONES, professor of agricultural engineering and head of the department at the University of Wisconsin, died on October 22 at the age of fifty-five years. | |
| Edward W. Berry, Johns Hopkins University, for the completion of papers on Upper Cretaceous and | | PROFESSOR HENRY ARTHUR BALLOU, who retired in 1934 as Commissioner of Agriculture of the British | |