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an officer of the French Legion of Honor and holds membership in the North Carolina Society of Engineers, the Pacific Society of Engineers, the Chinese-American Association of Engineers and the Engineers Club of Philadelphia.

The Hoover Medal was formally instituted on April 8, 1930, during the celebration of the fiftieth anniversary of the American Society of Mechanical Engineers, to commemorate the civic and humanitarian achievements of Herbert Hoover and to whom the first award was made. The second recipient was Ambrose Swasey in 1936. Conrad N. Lauer, fellow of the American Society of Mechanical Engineers and president of the Philadelphia Gas Works, created the award in 1929 with the gift of a trust fund which is held by the American Society of Mechanical Engineers and administered by the Hoover Medal Board of Award, consisting of representatives of the American Society of Civil Engineers, the American Institute of Mining and Metallurgical Engineers, the American Society of Mechanical Engineers and the American Institute of Electrical Engineers.

OFFICERS OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

A full account of the Richmond meeting of the American Association for the Advancement of Science and the scientific societies associated with it, edited by the permanent secretary, will be printed in the issue of SCIENCE for February 3.

Officers for 1939 were elected as follows:

President: Walter B. Cannon, Harvard University.

Vice-presidents of the Association and chairmen of the sections:

Mathematics (A): Marston Morse, Princeton University.
Physics (B): E. O. Lawrence, University of California.
Chemistry (C): Roger Adams, University of Illinois.
Astronomy (D): C. A. Chant, David Dunlap Observatory, Richmond Hill, Ontario, Canada.
Geology and Geography (E): Kirk Bryan, Harvard University.
Zoological Sciences (F): W. R. Coe, Yale University.
Botanical Sciences (G): Neil E. Stevens, University of Illinois.
Anthropology (H): Neil E. Stevens, University of Illinois.
Psychology (I): ................................................
Social and Economic Sciences (K): Carl Snyder, New York, N. Y.
Historical and Philological Sciences (L): Henry E. Sigerist, the Johns Hopkins University.
Engineering (M): ...............................................
Medical Sciences (N): E. W. Goodpasture, Vanderbilt University.
Agriculture (O): H. C. Thompson, Cornell University.
Education (Q): Edward S. Evenden, Cornell University.


The Executive Committee: J. McKeen Cattell, Garrison, N. Y.; Burton E. Livingston, the Johns Hopkins University, and Esmond R. Long, Henry Phipps Institute, Philadelphia (to fill the term vacant by the death of Earl B. McKinley).

Members of the Committee on Grants-in-aid: R. C. Fuson, University of Illinois; Vincent du Vigneaud, Cornell University Medical School.

Member of the Finance Committee: Charles S. Baker, Washington, D. C.

Nomination for Board of Trustees of Science Service:
E. G. Conklin, Princeton University.

RECENT DEATHS AND MEMORIALS

Dr. Thomas Wingate Todd, Henry Wilson Payne professor of anatomy at Western Reserve University and director of the Hamann Museum of Comparative Anthropology and Anatomy, died on December 28 in his fifty-fourth year.

Dr. Calvin Blackman Bridges, known for his work in genetics at Columbia University and the California Institute of Technology under the Carnegie Institution, died on December 27 in his fiftieth year.

Arthur C. Veatch, consulting geologist, pre-
viously geologist of the U. S. Geological Survey and head of the exploration department of the Sinclair Oil Company, died on December 24 at the age of sixty years.

Dr. Robert Ridgway, consulting engineer, who retired as chief engineer of the Board of Transportation of New York City in 1932, died on December 19. He was seventy-six years old.

Lloyd Logan, professor of chemical engineering and head of the department at Syracuse University, died on December 29 at the age of forty-eight years.

Dr. Charles J. Stucky, who retired as head of the department of biochemistry in the School of Medicine of Georgetown University in 1936, died on December 26 at the age of forty-two years.

Dr. Sahachiro Hata, assistant director of the Kitasato Institute for Infectious Diseases at Tokyo, Japan, died on November 22. He was co-discoverer of salvarsan with Paul Ehrlich.

It is announced in Nature that the Cambridge University Press will publish shortly “Karl Pearson,” a memoir consisting of two articles by his son. It surveys his life from his earliest days, giving extracts from letters to show the development of his philosophy and details of his many activities. It is illustrated with many portraits, and there are appendices summarizing his unpublished lectures and reports.

**SCIENTIFIC NOTES AND NEWS**

In the New Year's honor list of King George of England the Order of Merit is conferred on Sir James Jeans, known for his work in mathematical physics and his books for the popularization of science. Sir James was professor of applied mathematics at Princeton University from 1905 to 1909. Five other scientific men are members of the order at the present time. These are Sir J. J. Thomson, Sir William Bragg, Sir Frederick Gowland Hopkins, Sir Charles Sherrington and Sir Arthur Eddington. Knighthood was conferred on Dr. Robert Robinson, professor of chemistry at the University of Oxford.

Professor Harlow Shapley, director of the Harvard College Observatory, has been elected a member in the section of astronomy, and Prince Louis-Victor de Broglie, of the Institut Poincaré, Paris, a member in the section of physics, of the Royal Swedish Academy of Sciences.

The annual prize of $1,000 of the American Association for the Advancement of Science for a scientific paper presented at the meeting was awarded at Richmond to Dr. Norman R. F. Maier, of the University of Michigan, for his paper entitled “Experimentally Produced Neurotic Behavior in the Rat.”

Edward A. White, professor of floriculture and head of the department at Cornell University, has been awarded the gold medal of the Massachusetts Horticultural Society “for outstanding services in the field of horticultural education.” Professor White organized the first department of floriculture in the United States at the Massachusetts Agricultural College in 1907.

Ernest A. Wildman, professor of chemistry at Earlham College, Richmond, Ind., has received the faculty surprise award “as a great teacher of chemistry.”

Dr. William H. Park, until his retirement two years ago director of the Bureau of Laboratories of the Department of Health, New York City, observed his seventy-fifth birthday on December 30.

Dr. T. Wayland Vaughan, emeritus professor of oceanography at the University of California and emeritus director of the Scripps Institution at La Jolla, was elected president of the Geological Society of America at the New York meeting. He succeeds Dr. Arthur L. Day, who retired recently as director of the Geophysical Laboratory of the Carnegie Institution.

Dr. Maxwell Naylor Short, professor of petrography at the University of Arizona, was elected president of the Mineralogical Society of America, succeeding Dr. J. Ellis Thomson, of the University of Toronto.

Dr. Ralph W. Chaney, professor of paleontology and head of the department at the University of California, was elected president of the American Paleontological Society, succeeding Dr. C. W. Gilmore, of the U. S. National Museum. Professor A. S. Romer, of Harvard University, was elected vice-president and Professor R. R. Shrock, of the Massachusetts Institute of Technology, treasurer.

At the closing meeting in New York City on December 29 of the thirty-seventh session of the American Anthropological Association Dr. Diamond Jenness, curator of anthropology of the National Museum of Canada at Ottawa, was elected president to succeed Dr. Edward Sapir, Sterling professor of anthropology and linguistics at Yale University. Other officers elected were: First vice-president, Dr. John M. Cooper, of the Catholic University of America; Second vice-president, Dr. Earnest Albert Hooton, professor of physical anthropology at Harvard University; Third vice-president, Dr. W. Duncan Strong, associate professor of anthropology at Columbia University; Fourth vice-president, Dr. Ruth Benedict, head of the depart-