

There are also included diverse interview and discussion techniques, group activity experiments, role playing, level of aspiration, value structure and value-analysis methods.

THE AMERICAN CHEMICAL SOCIETY

At a meeting in Washington of the Board of Directors of the American Chemical Society on April 17, it was recommended by the Committee to Consider New Activities of the Society that a proper use of the funds of the society for the advancement of chemistry is the aiding of especially promising individuals in their training as chemists and chemical engineers, the better to enable them as leaders to add distinction to the chemical profession and to ensure our country's welfare. It was pointed out that this program could be fostered through loans, scholarships and fellowships awarded to carefully selected and deserving teaching and student personnel.

To carry out these objectives an educational fund was established, \$500,000 being transferred thereto from the general funds of the society, both corpus and income to be available under proper safeguards to be set up by the Board of Directors. A committee of three directors was appointed to draw up plans for the administration of the fund and to report its findings to the board at its next meeting. Members of the committee appointed are Drs. W. A. Noyes, Jr., C. S. Marvel and Robert E. Swain.

The treasurer was instructed to take the necessary steps to set aside funds for the purpose, and was instructed to pay the necessary expenses of the committee to draw up plans for its administration.

THE AMERICAN ACADEMY OF ARTS AND SCIENCES

At the annual meeting of the American Academy of Arts and Sciences, held on May 9 at its house, 28 Newbury Street, Boston, the election of 33 new fellows and five foreign honorary members was announced:

FELLOWS

Mathematical and Physical Sciences

- Eric Glendinning Ball, associate professor of biological chemistry, Harvard.
 Garrett Birkhoff, associate professor of mathematics, Harvard.
 Arthur Clay Cope, professor of chemistry, Massachusetts Institute of Technology.
 Hardy Cross, professor of civil engineering, Yale.
 Robley Dunglison Evans, associate professor of physics, Massachusetts Institute of Technology.
 Norman Levinson, associate professor of mathematics, Massachusetts Institute of Technology.
 John Lawrence Oncley, assistant professor of physical chemistry, Harvard.
 Frederick Emmons Terman, professor of electrical engineering, Stanford.

John Benson Wilbur, professor of structural engineering, Massachusetts Institute of Technology.

Natural and Physiological Sciences

- Martin Julian Buerger, professor of mineralogy and crystallography, Massachusetts Institute of Technology.
 James Morison Faulkner, professor of medicine, Tufts.
 Thomas Hale Ham, assistant professor of medicine, Harvard.
 Dennis Robert Hoagland, professor of plant nutrition, University of California.
 John Robert Loofbourn, professor of biophysics, Massachusetts Institute of Technology.
 Herman Augustus Spoehr, chairman, division of plant biology, Carnegie Institution.
 Henry Crosby Stetson, research fellow in oceanography, Harvard.
 John Henry Welsh, Jr., associate professor of zoology, Harvard.
 Leland Clifton Wyman, associate professor of physiology, Boston University.

Social Sciences

- Edwin Sharp Burdell, director, Cooper Union, New York, N. Y.
 William Lockhart Clayton, Assistant Secretary of State, Washington, D. C.
 Seymour Edwin Harris, associate professor of economics, Harvard.
 William Rupert Maclaurin, professor of economics, Massachusetts Institute of Technology.
 Henry Allen Moe, secretary general, Guggenheim Foundation.
 Talcott Parsons, professor of sociology, Harvard.
 Howard Eugene Wilson, associate professor of education, Harvard.

Humanities

- Samuel Chamberlain, etcher and author.
 Edwin Ray Guthrie, professor of psychology, University of Washington, Seattle.
 William Alexander Jackson, librarian, Houghton Library, Harvard.
 Keyes DeWitt Metcalf, director, Harvard University Library.
 George Wiley Sherburn, professor of English, Harvard.
 Taylor Starck, professor of German, Harvard.
 Charles Lincoln Taylor, Jr., dean, Episcopal Theological School, Cambridge.
 Martin Wagner, associate professor of regional planning, Harvard.

Foreign Honorary Members

- Niels Bohr, professor of theoretical physics, University of Copenhagen.
 Sir Harold Spencer Jones, astronomer royal, Greenwich, England.
 Alfredo L. Palacios, professor of political economy, University of La Plata.
 Dennis Holme Robertson, professor of economics, University of London.

Tomás Navarro Tomás, professor of Spanish philology, Columbia.

The following officers were elected for the year 1945-1946:

President: Howard Mumford Jones.

Vice-Presidents: George R. Harrison, Alfred C. Lane, Ralph E. Flanders, Fred N. Robinson.

Corresponding Secretary: Abbott Payson Usher.

Recording Secretary: Hudson Hoagland.

Treasurer: Horace S. Ford.

Librarian: Frederick H. Pratt.

Editor: Robert P. Blake.

Dean Joseph Hudnut and Professor Carl J. Friedrich spoke on "The Boston Contest."

SCIENTIFIC NOTES AND NEWS

DR. FRANK C. WHITMORE, since 1929 dean of the School of Chemistry and Physics of the Pennsylvania State College, has been awarded the thirty-fourth Willard Gibbs Medal of the Chicago Section of the American Chemical Society in recognition of his "outstanding contribution as an organic chemist and his vigorous leadership in many organizations devoted to the advancement of chemistry for national benefit." The award is made annually "to any one who, because of his eminent work in, and original contributions to, pure and applied chemistry, is deemed worthy of special recognition."

THE Legion of Merit of the War Department has been conferred on Colonel Cornelius Packard Rhoads, director of the Memorial Hospital for the Treatment of Cancer and Allied Diseases of New York City and for nearly two years chief of the Medical Division of the Chemical Warfare Service. The award is in recognition of the development of methods for combating poison gas and other advances in chemical warfare.

THE Howard Taylor Ricketts prize for "outstanding research on viruses" has been awarded to Dr. Maurice R. Hilleman, of New Brunswick, N. J., in recognition of his work in developing a way of making an anti-serum of value in identifying a recently discovered group of viral agents, carried out in the department of bacteriology and parasitology of the University of Chicago. The award was presented on the thirty-fifth anniversary of the death of Dr. Ricketts, who fell a victim to typhus fever while working on that disease in Mexico. The investigation was supported in part by the Commission on Influenza, the Board for the Investigation and Control of Influenza and other Epidemic Diseases, the United States Army and the John Rockefeller McCormick Memorial Fund of the University of Chicago. Dr. Hilleman is now engaged in research in the field of filterable viruses in the laboratories of E. R. Squibb and Sons.

DR. IRWIN W. SIZER, associate professor of physiology at the Massachusetts Institute of Technology, has been awarded a grant of \$5,000 by the Eli Lilly pharmaceutical company for the continuation of his studies on the action of enzymes on the irritant principles of poison ivy and related plants.

It was stated in the issue of SCIENCE for April 10 that the Nobel Prize for physics had been presented on April 11 to Professor I. I. Rabi. The formal presentation by the Minister to the United States of Sweden had been made on December 10, 1944. The presentation of the gold medal, the diploma and the check was made the occasion of a reception at Columbia University on April 11.

DR. JAMES L. PETERS, curator of birds of the Museum of Comparative Zoology of Harvard University and assistant secretary of the International Commission on Zoological Nomenclature, has been elected vice-president of the commission in succession to the late Dr. C. W. Stiles, of the Smithsonian Institution, Washington.

THE annual initiation and banquet of the Kappa Chapter of Sigma Xi at Columbia University was held on May 1. Following the reception and dinner, Dr. Harlow Shapley, national president of the society, addressed the chapter on "Infinite Dissipation." Officers elected for 1945-46 were: *President*, Dr. S. R. Detwiler, professor of anatomy, College of Physicians and Surgeons; *Vice-president*, Dr. Walter Rautenstrauch, professor of industrial engineering; *Secretary-Treasurer*, Dr. John S. Karling, professor of botany.

AT Columbia University, Dr. Abraham Wald has been promoted to a professorship of mathematical statistics. P. L. Hsu, of Kunming, China, has been appointed visiting professor of statistics for the semester beginning on January 31, 1946. He will lecture on advanced multivariate analysis and on other fields in mathematical statistics to which he has contributed.

DR. HARRY MOORE, director of the research laboratories of Pilkinton Brothers, England, has been appointed to the chair of glass technology at the University of Sheffield to succeed Professor W. E. S. Turner, whose retirement was recently announced.

DR. WILLIAM W. PETER, associate professor of public health and chief of sanitary inspection of the department of health of Yale University, has resigned to become director of the training division of the Institute of Inter-American Affairs in Washington.