

the company's distributors, at a salary of \$125 a month.

An additional 725 students will be placed on an honor roll and places will be found for them as quickly as possible, with special attention paid to opportunities in their own home communities, where they will best be able to advance the community as well as their own position in it.

The foundation, it is further explained, does not in any way conflict with the work being done by the 4-H Clubs and the Smith-Hughes vocational agricultural high schools, but rather supplements them by affording special training and experience to young men who have already passed the age groups of those organizations.

The scholarships are open to farm youths between the ages of eighteen and twenty-five years.

MEDICAL FELLOWSHIPS OF THE NATIONAL RESEARCH COUNCIL

THIRTEEN fellowships in the medical sciences, including five renewals, for study in the United States during the year 1940-1941, were awarded at the recent meeting of the Medical Fellowship Board of the National Research Council, Washington, D. C., of which Dr. Francis G. Blake, Sterling professor of medicine, Yale University, is the chairman. A list of the successful candidates and institutions where they are to work follows:

Reginald M. Archibald, Rockefeller Institute for Medical Research.

Frederik B. Bang, Vanderbilt University.

Lindsay E. Beaton, Northwestern University.

Albert H. Coons, Harvard Medical School.

J. Russell Elkinton, Yale University.

Hugh W. Garol, Yale University.

Arden Howell, Jr. (renewal), Duke University.

Carl A. Moyer, Massachusetts General Hospital.

Abe Ravin (renewal), Harvard Medical School.

Joseph Shack (renewal), the Johns Hopkins University.

William M. Wallace (renewal), Harvard Medical School.

Richard J. Winzler (renewal), Cornell University Medical College.

Earl H. Wood, University of Pennsylvania.

MEDAL DAY OF THE FRANKLIN INSTITUTE

THE annual presentation of the awards of the Franklin Institute of Philadelphia took place on the afternoon of May 15. In the evening a subscription dinner was given in Franklin Hall in honor of the medalists. The program follows:

Presentation of Certificate of Merit, George H. Ernsbarger, Honolulu, and Frank Lee McCarty, Ogden, Utah.

Presentation of Longstreth Medals, Leopold Godowsky, Jr., and Leopold Damrosch Mannes, Eastman Kodak Company; Games Slayter, vice-president, Owens-Corning

Fiberglas Corporation, Newark, Ohio; Richard L. Tempelin, chief engineer of tests, Aluminum Company of America, New Kensington, Pa.; Maxwell Mayhew Upson, president, Raymond Concrete Pile Company, New York City.

Presentation of Wetherill Medals, Laurens Hammond, president, Hammond Instrument Company, Chicago; Edward Ernst Kleinschmidt, president, Kleinschmidt Laboratories, Incorporated, Highland Park, Ill., and Howard L. Krum, Beverly Hills, Calif.

Presentation of Henderson Medal, William E. Woodard, vice-president in charge of design, Lima Locomotive Works, Incorporated, New York City.

Presentation of Levy Medal, Charles Rosenblum, instructor in physical chemistry, Princeton University, and John F. Flagg, instructor in chemistry, University of Rochester.

Presentation of Cresson Medals, Frederick M. Becket, consultant, Union Carbide and Carbon Corporation, New York City, and Robert R. Williams, chemical director, Bell Telephone Laboratories, Incorporated, New York City.

As already announced in *SCIENCE*, the Franklin Medal and Certificate of Honorary Membership was awarded to Dr. Arthur Holly Compton, of the Ryerson Physical Laboratory of the University of Chicago, who was represented at the ceremonies by his brother, Dr. Karl T. Compton, president of the Massachusetts Institute of Technology, and to Dr. Leo Hendrik Baekeland, president, retired, of the Bakelite Corporation. Addresses were presented by Dr. Compton on "What We Have Learned from Scattered X-Rays" and by Dr. Baekeland on the "Career of a Chemist."

THE AMERICAN ACADEMY OF ARTS AND SCIENCES

At the annual meeting of the American Academy of Arts and Sciences, held on May 8, at its House, 28 Newbury Street, Boston, Dr. Clarence C. Little spoke on "Cancer Research and the National Health Problem." The following officers were elected for the year 1940-41:

President, Harlow Shapley.

Vice-president for Class I, Percy W. Bridgman.

Vice-president for Class II, S. Burt Wolbach.

Vice-president for Class III, Sidney B. Fay.

Vice-president for Class IV, Arthur S. Pease.

Corresponding Secretary, Abbott P. Usher.

Recording Secretary, Hudson Hoagland.

Treasurer, Horace S. Ford.

Librarian, Hervey W. Shimer.

Editor, Robert P. Blake.

For Councilors for Four Years: Arthur A. Blanchard, of Class I; William B. Castle, of Class II; Henry P. Kendall, of Class III; Charles H. Taylor, of Class IV.

For Councilor for Three Years: Arthur N. Holcombe, of Class III.

For Councilor for Two Years: Austin W. Scott, of Class III.

For Committee on Policy and Resources: For Five Years: Tenney L. Davis.

For Committee on Meetings: The President; The Recording Secretary; Dugald C. Jackson; Tenney L. Davis; Abbott P. Usher and Samuel H. Cross.

The following new fellows in the scientific classes were elected:

Mathematical and Physical Sciences:

William Lloyd Evans, the Ohio State University.

Harold Locke Hazen, the Massachusetts Institute of Technology.

Frederick Vinton Hunt, Harvard University.

J. Robert Oppenheimer, the University of California.

John Wulff, the Massachusetts Institute of Technology.

Natural and Physiological Sciences:

Albert Francis Blakeslee, Carnegie Institution Station for Experimental Evolution.

William de Berniere MacNider, the University of North Carolina.

Paul Christoph Mangelsdorf, Texas Agricultural and Mechanical College.

Donald Dexter Van Slyke, the Rockefeller Institute.

Paul Dudley White, Massachusetts General Hospital.

THE AMERICAN PHILOSOPHICAL SOCIETY

THE annual general meeting of the American Philosophical Society was held in the Hall of the Society on Independence Square, Philadelphia, on April 18, 19 and 20. There was a large attendance of members of the society and invited guests and in three of the half-day sessions twenty-one papers were read on subjects as varied as astronomy, archeology, biology, ethnology, paleontology, physiology, psychology, classics, history, literature and art. An unusual feature of this meeting was a symposium on "Characteristics of American Culture." This symposium was organized by Dr. Frederick P. Keppel, president of the Carnegie Corporation of New York, and various aspects of this general theme were presented by Frederick L. Allen, associate editor of *Harpers Magazine*; Alfred V. Kidder, of the Carnegie Institution of Washington; Lewis Mumford and Van Wyck Brooks, well-known authors; Francis Taylor, director of the Metropolitan Museum of Art, Otto Luening, professor of music, Bennington College, and Arthur H. Compton, of the University of Chicago. This symposium was a brilliant success as measured by the excellence of the papers presented and the enthusiasm of the large audience in attendance.

The lectures on Thursday and Friday evenings were equally notable; the former by Dayton C. Miller, of the Case School of Applied Science, on "The Pipes of Pan, Old and New," with many demonstrations drawn from his unique collection of flutes, was a striking presentation of the history, science and art of the flute. The Penrose Memorial Lecture on Friday evening by Archibald MacLeish, librarian of Congress, was a challenging and inspiring address on the obligation of "Writers

and Scholars" to maintain our basic liberties in an age of increasing illiberalism and despotism.

The social features of this meeting were especially attractive; in addition to the usual luncheons and receptions in the hall of the society, many of the members of the society and their guests were invited by Mr. Joseph E. Widener to visit his famous art gallery on Saturday afternoon; others were invited by Dr. V. K. Zworykin to see his new electron microscope at the R.C.A. Building in Camden; and a reception was given by President and Mrs. Thomas S. Gates, of the University of Pennsylvania, at their Chestnut Hill home.

At the annual dinner on Saturday evening the John F. Lewis Prize of \$300 and a diploma was presented to Dr. Earle Radcliffe Caley for his excellent communication and publication on "The Composition of Ancient Greek Bronze Coins." The citation was given by Dr. Benjamin D. Meritt, of the Institute for Advanced Study, and the presentation was made by Roland S. Morris, president of the society. Other after-dinner addresses were made by Dr. Philip C. Jessup on "Neutrality To-day"; by Dr. A. V. Hill, secretary of the Royal Society, on "Internationalism in Science," and by President Thomas S. Gates on "The Two Hundredth Anniversary of the University of Pennsylvania."

At the annual business meeting the following officers were elected:

President, Roland S. Morris.

Vice-presidents, Edwin G. Conklin, Robert A. Millikan, William E. Lingelbach.

Secretaries, John A. Miller, W. F. G. Swann.

Curator, Albert P. Brubaker.

Treasurer, Fidelity-Philadelphia Trust Company.

Councilors to serve until 1943, Harlow Shapley, Detlev W. Bronk, Nathan Hayward, Frederick P. Keppel.

The following thirty resident and eight foreign members were elected:

Class I. Mathematical and Physical Sciences: Ira Sprague Bowen, Pasadena; William Francis Giauque, Berkeley; Jerome Clarke Hunsaker, Boston; George Bogdan Kistiakowsky, Cambridge; Robert Sanderson Mulliken, Chicago; Howard Percy Robertson, Princeton; John Clarke Slater, Cambridge. *Foreign:* Niels Henrik David Bohr, Copenhagen; Sir William Henry Bragg, London; Tullio Levi-Civita, Rome.

Class II. Geological and Biological Sciences: George Washington Corner, Baltimore; Samuel Randall Detwiler, New York; Eugene Floyd DuBois, New York; Frederick Lee Hisaw, Cambridge; Esmond Ray Long, Philadelphia; Elvin Charles Stakman, St. Paul; Wendell Meredith Stanley, Princeton. *Foreign:* Pierre Janet, Paris.

Class III. Social Sciences: Hamilton Fish Armstrong, New York; Joseph Perkins Chamberlain, New York; John Dickinson, Philadelphia; Morris Duane, Philadelphia; Carlton Joseph Huntley Hayes, New York; Morris E. Leeds, Philadelphia; William Fielding Ogburn, Chicago;