

Resolved, That the War Policy Committee of the American Institute of Physics, while conceding that there is room for improvement, nevertheless maintains that physics is well mobilized and is effectively working on the problems arising out of the war through such agencies as the Office of Scientific Research and Development; the laboratories of industry and of the various branches of the armed services and other government agencies; and in the laboratories and classrooms of our educational institutions where large numbers of personnel are being trained for war service; and be it further

Resolved, That the War Policy Committee of the American Institute of Physics regards the proposals now before Congress in the forms of Senate bill No. S. 702 and House bill No. H.R. 2100 as not well conceived to increase the productivity of physics in the war, but rather tending to disorganize and retard the effective work now being done.

PRESENTATION OF THE CHARLES FREDERICK CHANDLER MEDAL

THE Chandler Medal for distinguished service in science was presented on May 24 at Columbia University to Dr. Willard H. Dow, president and general manager of the Dow Chemical Company, Midland, Mich. The medal was awarded in recognition of "his dynamic and successful leadership in the American chemical industry. In addition to his accomplishment in expanding a chemical industry which depended upon Michigan salt brines, his daring enterprise in the direction of the extraction of bromine and of magnesium from sea water, the production of synthetic plastics and synthetic rubber has attracted world-wide attention." After the presentation Dr. Dow delivered the medal address, which was entitled "Rediscover the Rainbow."

Dr. Dow was born in Midland on January 4, 1897.

He was graduated from the University of Michigan with the degree of bachelor of science in chemical engineering in 1919. He received the honorary degree of doctor of science from the Michigan College of Mining and Technology in 1939 and the honorary degree of doctor of engineering from the University of Michigan in 1941.

His career as chemical engineer began in 1919 with the Dow Chemical Company. He became assistant general manager in 1926, and has been president and general manager since 1930. He is president of the Ethyl-Dow Chemical Company, which operates a plant for the recovery of bromine from the sea at Kure Beach near Wilmington, N. C. In addition he is president of the Midland Ammonia Company and of the Dow Chemical Company of Canada, Limited. He is a director of the American Chemical Society and a member of the Advisory Board of the Chicago Chemical Warfare Procurement District.

The Chandler Medal was established in 1910 in honor of Professor Charles Frederick Chandler, pioneer in industrial chemistry and a founder of the American Chemical Society. It is awarded annually from a special fund administered by the trustees of Columbia University. There have been nineteen previous recipients of the medal. The last award was made in 1942 to two brothers outstanding in chemical science, Dr. Robert R. Williams, chemical director of the Bell Telephone Laboratories of New York, and Professor Roger J. Williams, of the University of Texas.

Professor Arthur W. Thomas was chairman of the committee of award. Other members were Professors Leo H. Baekeland and Arthur W. Hixson.

SCIENTIFIC NOTES AND NEWS

DR. J. MURRAY LUCK, secretary of the Pacific Division of the American Association for the Advancement of Science, telegraphs that the Corvallis, Oregon, meeting, which was to have been held from June 14 to 19, has been cancelled. He states that unanticipated difficulties in the arrangements for lecture rooms and meals necessitated this action. The transfer of the meeting to another institution did not prove feasible.

IN recognition of distinguished attainment and outstanding contribution to the advancement of cooperative research in fundamental geophysics, Dr. Oscar Edward Meinzer is the recipient of the fifth annual award of the William Bowie Medal by the American Geophysical Union.

AMONG the medals presented on May 19 by the National Institute of Social Sciences, a gold medal was given to Dr. Edwin G. Conklin, of Princeton University, president of the American Philosophical Society. The citation reads: "In recognition of your

distinguished service for the benefit of mankind through your fundamental contributions to science and education. Your lifelong studies and attainments in the fields of biology and zoology acclaim you among the truly great throughout the scientific world to-day."

THE Jacob F. Schoellkopf Medal for 1943 of the Western New York Section of the American Chemical Society has been presented to Raymond R. Ridgway, associate research director of the Norton Company, Chippewa, Ontario, in recognition of the development of boron carbide as an industrial abrasive.

THE Willard Gibbs medal, founded by William A. Converse, was presented on May 20 to Dr. Conrad Arnold Elvehjem, professor of biochemistry at the University of Wisconsin, by the Chicago Section of the American Chemical Society at a dinner meeting at the Medinah Club of Chicago. The medal is awarded annually in special recognition of "eminent work in and

original contributions to pure or applied chemistry." The recipient is chosen each year by a jury appointed by the Chicago section. The achievements for which the medal was awarded to Dr. Elvehjem are given in the issue of *SCIENCE* for February 19. Dr. Roy C. Newton, chairman of the Chicago section and vice-president of Swift and Company, spoke on "The Willard Gibbs Medal, an Inspiration to Chemists." Dr. C. Glenn King, scientific director of the Nutrition Foundation, spoke on "The Medalist, His Achievements," and Dr. Per K. Frolich, president of the American Chemical Society, presented the medal. Dr. Elvehjem's address was entitled "The Nutritional Significance of the Newer Members of the B-Complex."

At the annual dinner meeting of the Board of Directors of the National Science Fund of the National Academy of Sciences held in New York City on May 19, Dr. Charles Huggins, professor of surgery at the University of Chicago, was presented with a \$2,000 award, given by Dr. Charles L. Mayer and administered by the National Science Fund. The award was made for the most outstanding contribution during 1942 to present-day knowledge of factors affecting the growth of animal cells with particular reference to human cancer, and as a new type of prize for the advancement of fundamental scientific research administered under a new type of philanthropic foundation. It was announced by Dr. William J. Robbins, chairman of the fund, that a second Charles L. Mayer Award of \$2,000 in the same field will be made in 1943 and that entries and recommendations for the consideration of the Advisory Committee should be in the office of the National Science Fund, 515 Madison Avenue, New York City, by January 15, 1944. He also reported that early announcement would be made of a \$4,000 award to be offered for a significant study in the field of physics.

DR. CHARLES FREDERICK BOLDUAN, having reached the civil service age limit, will retire on June 1 after serving for twenty-nine years as director of the Bureau of Health Education of the Municipal Department of Health of New York City which he organized and of which he was the first director. Fellow-employees and friends in the medical profession outside the department gave a testimonial dinner on the evening of May 13. The speakers included Dr. James Alexander Miller, chairman, and Dr. E. H. Lewinski-Corwin, executive secretary of the committee on public health relations of the New York Academy of Medicine; Dr. Haven Emerson, member of the City Board of Health and former Health Commissioner, and bureau heads of the Department of Health.

A TESTIMONIAL dinner was tendered by various institutions with which he has been associated to Dr. J. Stanley Kenney, president of the Medical Society

of the County of New York, on May 19. The speakers included Dr. Thomas A. McGoldrick, president of the Medical Society of the State of New York; Dr. Nathan B. Van Etten, past president of the American Medical Association; the Honorable Joseph V. McKee, formerly judge of City Court in the Bronx and formerly mayor of New York City; Dr. Edward M. Bernecker, Commissioner of Hospitals; Dr. Ernest L. Stebbins, Commissioner of Health; Dr. Alexander Nicoll, Lieutenant Colonel, World War I, commanding officer of Red Cross Hospital Unit H of Fordham Hospital, with which organization Dr. Kenney served in France during the last war. Dr. John J. McGowan, medical director of Fordham Hospital, was toastmaster.

SMITH COLLEGE conferred the doctorate of science at its commencement exercises on May 20 on Helen Woodard Atwater, of the U. S. Department of Agriculture, editor of the *Journal of Home Economics*, and on Dr. Marion Hines, associate professor of anatomy in the School of Medicine of the Johns Hopkins University. The degree was conferred on Miss Atwater for "devoting her life to the development of national interest in a better knowledge of the value of food," and on Dr. Hines in recognition of her "brilliant researches in the anatomy and physiology of the nervous system."

C. R. DE LONG, consulting chemical engineer, was elected president of the Chemists Club, New York City, at its annual meeting on May 5. Mr. De Long succeeds Walter S. Landis, vice-president of the American Cyanamid Company.

THE following officers of the University of Southern California Chapter of the Society of the Sigma Xi for the year 1943 were elected at a meeting of the chapter on May 11: *President*, Dr. Francis Marsh Baldwin, zoology; *Vice-president*, Dr. Arthur W. Nye, physics; *Secretary*, Professor W. W. Smith, bacteriology, and *Treasurer*, Professor Sidney Duncan, engineering. At this meeting the class for 1943 was initiated and a lecture was delivered on "Tropical Diseases and the War" by Professor John Kessel, of the department of bacteriology.

LORD MORAN was re-elected on April 19 president of the Royal College of Physicians of London.

DR. J. EDWARD HOFFMEISTER, professor of geology at the University of Rochester, has been named dean of the faculty of the College of Arts and Science.

DR. JOHN L. SYNGE, F.R.S., professor of applied mathematics and head of the department of the University of Toronto, will join the faculty of the Ohio State University on July 1 as chairman of the department of mathematics. He succeeds Professor Harry W. Kuhn, who retires this summer. Professor Kuhn

has been a member of the university staff continuously since 1901, and has been chairman of the department of mathematics since 1926.

DR. SAMUEL SOSKIN, director of metabolic and endocrine research at the Michael Reese Hospital, Chicago, has been appointed medical director. This inaugurates a new program of medical teaching at that institution. It will be developed first on an intramural basis, and will then gradually merge into post-graduate teaching available to the medical profession at large. It is hoped that the program will be sufficiently advanced by the end of the war to help to meet the demand for refresher courses for physicians now in the armed forces. The hospital is able to draw upon its Research Institute and extensive full-time staff for teachers of the basic sciences to supplement its clinical teaching staff. Dr. Soskin, who will organize the teaching faculty of which he will be dean, originally came to the hospital from the University of Toronto, where he worked with the late Professor J. J. R. Macleod. He is also professorial lecturer in physiology at the University of Chicago.

DR. STERLING BRACKETT, assistant professor of public health in the School of Public Health of the University of North Carolina, has been appointed malarialogist in the Stamford Research Laboratories of the American Cyanamid Company.

DR. ARNOLD D. WELCH, who since June, 1940, has been in charge of the pharmacological research laboratories of the Medical-Research Division of Sharp and Dohme, has been made director of research for this division. He will continue to direct the general activities of the pharmacological and nutritional laboratories. Dr. Karl H. Beyer, who recently joined the Medical-Research Division, has been appointed assistant director of pharmacological research. Dr. Beyer will have the cooperation and assistance of Dr. Paul A. Mattis, who is actively supervising the histological and toxicological work of the department and who will also serve as assistant department manager.

ALFRED C. WEED, curator of fishes at Field Museum of Natural History, Chicago, has retired.

DR. T. C. SCHNEIRLA, associate curator of animal behavior at the American Museum of Natural History, has been appointed editor for the Section of Animal Behavior of *Biological Abstracts*.

PROFESSOR ARTHUR M. CHICKERING, Albion College, expects to spend the greater part of the coming summer in the Museum of Comparative Zoology of Harvard College engaged in the study of Panamanian spiders.

DR. HERBERT M. COBE, of the department of bacteriology of Temple University Professional Schools, Philadelphia, has been granted leave of absence for the duration of the war to accept a commission as First Lieutenant in the Army of the United States. He is stationed at Fort Devens, Mass.

THE James Arthur Lecture of the American Museum of Natural History on the evolution of the human brain was given on May 27 by Dr. James W. Papez, professor of anatomy at Cornell University. He spoke on "Ancient Landmarks of the Human Brain and Their Origin."

SIR LAWRENCE BRAGG, Cavendish professor of experimental physics in the University of Cambridge, left late in April for Sweden, where he planned to give a series of scientific and popular lectures under the auspices of the British Council. He will give popular lectures on "Seeing Ever Smaller Worlds" and on "Metals," and scientific lectures on "X-Ray Optics," on "The Structure of a Protein" and on "The Strength of Metals."

THE Southeastern Section of the Botanical Society of America, acting through its committee on activities, has cancelled the 1943 summer meeting, normally held in June. The membership voted unanimously, by mail, to retain all present officers until a meeting is next held. These officers are: Dr. O. E. White, University of Virginia, *Chairman*; Dr. K. W. Hunt, College of Charleston, *Secretary*; Dr. S. L. Meyer, University of Tennessee, Dr. F. A. Wolf, Duke University, and Dr. G. T. Weber, University of Florida, *Committee on Activities*.

DISCUSSION

IS WAR THE PROGENY OF SCIENCE, OR SCIENCE THE PROGENY OF WAR, OR ARE BOTH OF THESE SUPPOSITIONS FUNDAMENTALLY FALSE?

MANY answers are given as to what has brought about the present crisis. Most of them are wrong.

Some say pressure of population! Wrong! To see how wrong it is only necessary to call attention to the fact that all the aggressors are trying to stimulate the birthrate in their countries. Others say needed access to raw materials! Wrong! for there has never been any lack of such access for non-aggressor nations.