

(2) The purpose of the National Research Council shall be:

- (a) to plan and watch over the main lines of research and technical developments in accordance with national needs to see that the application of science to the public welfare is adjusted to some consistent plan, to advise the Government on a common policy and to insure that available resources for research and developments are distributed to the best advantage of the country;
- (b) to advise and help relevant authorities and institutions regarding the training and supply of scientific personnel for pure and applied research, and
- (c) to distribute grants for promoting approved researches, for the maintenance of selected research scholars, for scientific publication and other purposes.

The president of the National Research Council shall be a member of the viceroy's cabinet.

For the performance of its functions, the National Research Council shall, in consultation with non-official scientific organizations, universities and institutions of a university rank, scientific departments of the Government and federations of chambers of commerce, constitute the following boards of research, each of which will be responsible within its own particular sphere for giving effect to the policy of the National Research Council.

(1) Board of Scientific Research (mathematics, statistics, physics, chemistry, botany, zoology, geology, geography, psychology, etc.).

(2) Board of Agricultural Research (soils, crops, animal husbandry, fishery and forestry).

(3) Board of Medical and Public Health Research, including medical science.

(4) Board of Engineering Research, including mining, metallurgy and such other boards as may be considered to be necessary.

For the purpose of its work each board will be authorized to constitute research committees for all important subjects, to settle the objects of the research, indicate the individuals or organizations which could undertake the several component parts of the inquiry, receive and co-ordinate the information, make it available to those who will turn it to advantage to form a national plan into which all who are in position to contribute information can fit the particular lines on research. Governing bodies of the National Research Laboratories when established shall be constituted in consultation with the relevant research committees.

The National Research Council shall work in close co-operation with the development organizations in the country. To enable effect to be given to the policy of scientific development determined by the National Research Council the Government should make an annual grant of at least five crores of rupees.

THE WISCONSIN ACADEMY OF SCIENCES, ARTS AND LETTERS

THE seventy-fourth annual meeting of the Wisconsin Academy of Sciences, Arts and Letters was held

on April 14 and 15 at the University of Wisconsin. Approximately a hundred members and guests gathered to hear the address delivered by the retiring president, Dr. A. W. Schorger, president of the Burgess Cellulose Company, Madison. The title of his address was "The Abundant Life." Dr. Leon J. Cole, professor of genetics at the university, showed colored motion pictures illustrating the life of the fur seals of the Pribilof Islands. Dr. Schorger was elected a life member of the academy.

The following officers were elected to serve in 1944:

President, Dr. H. A. Schuette, department of chemistry, University of Wisconsin.

Vice-president in Sciences, Ruth Walker, Milwaukee.

Vice-president in Arts, Walter Bubbert, Milwaukee.

Vice-president in Letters, Dr. Helen White, department of English, University of Wisconsin.

Secretary-Treasurer, Dr. Banner Bill Morgan, parasitologist, department of veterinary science, University of Wisconsin.

Librarian, Halvor O. Teisberg, University Library, University of Wisconsin.

Curator, Dr. Edward P. Alexander, superintendent of the Wisconsin State Historical Society, Madison.

Member, Committee on Publications, Dr. Philo M. Buck, Jr., professor of comparative literature, University of Wisconsin.

Members, Library Committee, Dr. O. L. Kowalke, professor of chemical engineering, University of Wisconsin; Professor Ruth Marshall, Wisconsin Dells; Dr. James F. Groves, department of biology, Ripon College; and Dr. W. N. Steil, Marquette University, Milwaukee.

Representative on the Council of the American Association for the Advancement of Science, Dr. Banner Bill Morgan.

Approximately twenty-four papers were presented at the regular sessions, including ornithology, botany, mammalogy, bacteriology, plant pathology, zoology, limnology, entomology, protozoology, chemistry, forest products, medicine, soils and agriculture.

Dr. Michael F. Guyer, professor of zoology at the university, presented a memorial tribute to the late Professor Chancey Juday, life member and past-president of the academy.

THE CHICAGO CONVENTION OF FOOD TECHNOLOGISTS

THE fifth annual meeting of the Institute of Food Technologists will be held under the presidency of W. V. Cruess on May 29, 30 and 31 at the Edgewater Beach Hotel in Chicago. Major General S. G. Henry, director of New Developments Division, Office of Chief of Staff of the U. S. War Department, will deliver the keynote address on "The Food Technologist's Role in the War." George A. Sloan, president

of the Nutrition Foundation, Inc., of New York, will follow with an address entitled "The Role of Industry in Strengthening Fundamental Research."

Technical sessions are set for Monday afternoon and for Tuesday morning and afternoon. Roy C. Newton, of Swift & Company, Chicago, will discuss "The American Food Supply" at the luncheon on Tuesday, which will be presided over by M. L. Laing, of Armour and Company, chairman of the Chicago Section.

The annual banquet will be given on Tuesday evening when presentation will be made of the 1944 Nicholas Appert Medal Award, established in 1941 by the Chicago Section, to Dr. C. A. Browne, of the U. S. Department of Agriculture, "for outstanding contributions to food technology." Following the presentation, Dr. Browne will speak on "The Keeping Qualities of Sugars and Sugar-Containing Products During Storage." The banquet will be concluded with an address by William A. Patterson, president of the United Air Lines.

The last day of the convention will be devoted to a discussion of post-war problems relating to the food industry. Two general sessions and a luncheon program have been arranged. R. C. Newton will preside at the luncheon and Mr. Cruess will make an address entitled "Taking Stock and Looking Forward."

In the afternoon a forum on "Future Objectives and Planning of the Institute of Food Technologists" presided over by Professor Samuel C. Prescott, of the Massachusetts Institute of Technology, will be led by R. H. Lueck, director of research of the American Can Company, New York, and chairman of the objectives and planning committee of the institute.

An exposition will be held in connection with the meeting. Space for thirty displays has been assigned to industrial exhibitors. Educational booths will be maintained by the Chicago Section of the institute and the Quartermaster Corps Subsistence Laboratory.

THE STUDY AND TEACHING OF PHYSICAL THERAPY

THE sum of \$1,100,000 has been provided by Bernard M. Baruch for a ten-year program in the study and teaching of physical therapy with special reference to the rehabilitation of wounded and ill men discharged from the Army. The funds are to be expended within the next ten years and will be distributed as follows:

Columbia University College of Physicians and Surgeons, \$400,000.

New York University College of Medicine, \$250,000.

Medical College of Virginia, \$250,000.

Selected medical schools not yet announced, \$100,000.

For fellowships and residencies, \$100,000.

A committee of scientific and medical men, of which

Dr. Ray Lyman Wilbur, chancellor of Stanford University, is chairman, has outlined the following plan to provide for the proper development of physical therapy: An adequate supply of physicians to teach the subject; the establishment of centers to promote scientific research on non-medical procedures, including claims that have been made by practitioners of osteopathy, chiropractic, etc.; proper usage of physical medicine in relation to war-time rehabilitation.

The grant will be administered by a board of three directed by Dr. Frank H. Krusen, professor of physical therapy at the University of Minnesota and head of the section on physical therapy of the Mayo Clinic. Dr. Wilbur will be chairman of the committee. The third member is Miss Mary Boyle, an assistant to Mr. Baruch for the last thirty-five years. Headquarters of the board will be at 597 Madison Avenue, New York City.

The grant to the College of Physicians and Surgeons of Columbia University provides for the establishment of a center for research and training, with particular reference to its application for returning veterans. New York University will establish a center for teaching and special research in the preventive and manipulative mechanics of physical medicine, and the Medical College of Virginia a center for teaching and research with particular reference to hydrology, climatology and spa therapy. The grant of \$100,000 to selected medical schools is for the development of an immediate program for the physical rehabilitation of war casualties and those injured in industry. The fellowships or residencies will be for the benefit of qualified physicians who wish to receive special training in physical medicine.

The plan calls for the coordination of all work in physical therapy relating to the rehabilitation of war wounded. This will be done through the appointment by the administrative board of a special advisory committee and a second committee on war and post-war physical rehabilitation which will include representatives of the armed services, the Veterans Administration and other interested groups.

THE INSTITUTE OF BIOLOGY AND EXPERIMENTAL MEDICINE AT BUENOS AIRES

PROFESSOR BERNARDO A. HOUSSAY, the eminent Argentine physiologist whose dismissal from his professorship in the University of Buenos Aires has been discussed in recent issues of SCIENCE (98: 467, 1943; 99: 166, 176, 1944), has informed friends in this country that he has organized with private support a modest laboratory called "Instituto de Biología y Medicina Experimental," at Calle Costa Rica 4185, Buenos Aires. Associated with Professor Houssay will be Drs. E. Braun Menendez and V. G. Foglia,