

in New York City from February 19 to 22, were cancelled in deference to the general request by the Government that meetings calling for extensive travel be cancelled when possible. However, the annual business meeting of the society and the meeting of its council were held on February 20 in New York City. After the dinner at the Harvard Club, attended by forty-five members and guests, announcement was made of the election of the following new officers:

President-elect (1946): W. O. Hotchkiss.

First vice-president-elect (1946): J. Terry Duce.

Councilors (1945-47): George M. Fowler, F. M. Cameron, T. G. Moore.

Regional vice-presidents (1945): Alfred Brammall (Europe); J. M. S. Krishnan (Asia); R. A. Pelletier (Africa); George Hanson (North America); O. H. Leonardos (South America); R. Lockhart Jack (Australia).

Fifteen new members were declared elected. A brief business session was followed by an address, entitled "Economic Geology," by the retiring president, John M. Boutwell.

THE AGRICULTURAL BOARD OF THE NATIONAL RESEARCH COUNCIL

ACTING upon the request of the Association of Land Grant Colleges and Universities, the National Research Council has set up an Agricultural Board, consisting of the following:

Chairman: W. C. Coffey, president, University of Minnesota.

Vice-chairman: C. H. Bailey, dean, Department of Agriculture, University of Minnesota.

Secretary: R. E. Buchanan, director, Agricultural Experiment Station, Ames, Iowa.

E. C. Auchter, director, Pineapple Research Institute of Hawaii.

Thomas Cooper, dean, College of Agriculture, University of Kentucky.

J. S. Davis, director, Food Research Institute, Stanford University.

M. J. Funchess, dean, School of Agriculture, Alabama Polytechnic Institute.

C. B. Hutchison, dean, College of Agriculture, University of California.

W. H. Martin, director, New Jersey Agricultural Experiment Station.

L. A. Maynard, director, School of Nutrition, Cornell University.

W. I. Myers, dean, New York State College of Agriculture, Cornell.

H. P. Rusk, dean, College of Agriculture, University of Illinois.

Ex-officio: Frank B. Jewett, president, National Academy of Sciences; Ross G. Harrison, chairman, National Research Council; Robert F. Griggs, chairman, Division of Biology and Agriculture, National Research Council.

AWARDS OF THE WASHINGTON ACADEMY OF SCIENCES

THE three hundred and thirty-second meeting of the Washington Academy of Sciences was devoted to the presentation of awards for scientific achievement for the year 1944, as follows:

Biological sciences, to Dr. Norman H. Topping, National Institute of Health, in recognition of his distinguished service in identifying eastern and western types of Rocky Mountain spotted fever.

Engineering sciences, to Galen B. Schubauer, National Bureau of Standards, in recognition of his distinguished service in aeronautical engineering, particularly for fundamental measurements of turbulence.

Physical sciences, to Professor George A. Gamow, George Washington University, in recognition of his distinguished service in theoretical physics, particularly in the understanding of atomic nuclei and of stars.

The recipients gave a brief summary of the work for which the awards were made.

SCIENTIFIC NOTES AND NEWS

DR. ARTHUR H. COMPTON, dean of the division of physical science and chairman of the department of physics of the University of Chicago, has received the Washington Award for devoted, unselfish and pre-eminent service in advancing human progress, in recognition of "his research and teaching in the physical sciences, increasing man's knowledge of the action of x-rays and cosmic rays." Members of the commission of award represent the American Society of Civil Engineers, the American Institute of Mining and Metallurgical Engineers, the American Society of Mechanical Engineers, the American Institute of Electrical Engineers and the Western Society of Engineers.

THE Elliott Cresson Gold Medals of the Franklin Institute of Philadelphia have been awarded for 1945 to Rear Admiral Stanford Caldwell Hooper, U.S.N., retired, for his work in radio for the U. S. Navy, and to Professor Lewis F. Moody, of Princeton University, for his work on the design and development of hydraulic turbines and pumps.

THE Legion of Merit has been conferred on Colonel Anthony J. Lanza, Medical Corps, U. S. Army, chief of the Occupational Hygiene Branch of the Office of the Surgeon General, for his share in the development of the health program of the Army for civilian workers in Army-owned and operated industrial plants.

DR. CHARLES J. BARTLETT, professor of pathology, emeritus, of the School of Medicine of Yale University and for many years president of the Connecticut Medical Examining Board, recently was the guest of honor at a dinner given by the New Haven Medical Association on December 18 celebrating his eightieth birthday.

Chemical and Engineering News reports that John C. Olsen, professor emeritus and formerly head of the department of chemical engineering of the Polytechnic Institute of Brooklyn, will be honored by his former students and friends at a dinner to be given on April 7 at the Hotel Bossert, Brooklyn. At the dinner a portrait of Dr. Olsen, recently completed by Wilford Seymour Conrow, will be unveiled. It will be presented to the Polytechnic Institute on behalf of the donors, who include former students of Dr. Olsen, faculty members and other associates of the institute, fellow members of the chemical engineering profession and a number of personal friends.

FIVE Frank B. Jewett fellowships for research in the physical sciences have been awarded to Dr. Elliot R. Alexander, Dr. Albert S. Eisenstein, Dr. Kenneth Greisen, Dr. Boris Leaf and Dr. Harry Pollard. Their availability to accept the fellowships will depend upon the progress of the war, as each is now engaged in essential war research. The fellowships, founded by the American Telephone and Telegraph Company, are in honor of Frank B. Jewett, who retired in 1944 as vice-president of the company. Each fellowship is for one year, and carries a stipend of \$3,000, with a further honorarium to the institution where the work is done. Primary consideration is given to the demonstrated research ability of the applicant, the fundamental importance of the problem he proposes to attack and the likelihood of his growth as a scientist.

DR. LAWRENCE W. DURRELL, head of the department of botany and plant pathology of Colorado College, has been appointed dean of the Division of Science. He will take up this work on July 1.

DR. ANDREW VAN HOOK, of the department of chemistry of Lafayette College, has resigned to become professor of chemistry at the University of Wyoming, where his time will be devoted mainly to research on the chemistry of sugar.

DR. SIDNEY C. MADDEN, associate professor of pathology at the School of Medicine of the University of Rochester, has been appointed professor of pathology and chairman of the department at the School of Medicine of Emory University. He succeeds Dr. Roy Kracke, who resigned last summer to become dean of the School of Medicine of the University of Alabama.

DR. KARL A. STILES, Bert H. Bailey professor of biology at Coe College, chairman of the Division of Natural Sciences, has been appointed associate professor of biology at Michigan State College, to take effect on July 1.

DR. W. ALBERT NOYES, JR., professor of physical chemistry at the University of Rochester, chairman of the Committee on the Professional Training of Chemists of the American Chemical Society, has been elected a regional director of the society representing the New York-New Jersey area to succeed Dr. Robert E. Wilson. Dr. Wilson was recently elected president of the Standard Oil Company of Indiana and has moved to Chicago.

DR. NATALE COLOSI, professor of bacteriology and public health at Wagner College and director of the Parkway Hospital, has been appointed a member of the New York Commission of the Interstate Sanitation Commission.

DR. GILBERT DALLDORF, since 1929 director of laboratories of Grasslands Hospital, Valhalla, Westchester County, N. Y., has been appointed director of the Division of Laboratories and Research of the New York State Department of Health to succeed Dr. Augustus B. Wadsworth, who has retired.

CAPTAIN WALTMAN WALTERS, formerly of the Mayo Clinic, Rochester, Minn., who returned recently from the South Pacific area, has been appointed chief of the division of surgery of the U. S. Naval Hospital at Philadelphia.

It is reported in *Standardization* that Charles E. Wilson, president of the General Electric Company, has been appointed by the Secretary of Commerce to head a new committee to work with the American Standards Association and the Department of Commerce to make plans for a greatly expanded post-war program on national standards. Mr. Wilson returned to the General Electric Company recently, after having served as executive vice-chairman of the War Production Board. Other members of the committee are Frederick M. Feiker, dean of engineering, George Washington University; Clarence Francis, chairman of the board, General Foods Corporation; Ephraim Freedman, R. H. Macy and Company, Inc.; Frank B. Jewett, president, National Academy of Sciences; William B. Warner, president, McCall Corporation; Arthur D. Whiteside, president, Dun and Bradstreet, Inc., and R. E. Zimmerman, vice-president, U. S. Steel Corporation.

THE correct title of Dr. E. Cowles Andrus is "chief of the Division of Medicine under the Committee on Medical Research of the Office of Scientific Research and Development," not chairman of the Committee on

Medical Research, as given erroneously in a recent issue of SCIENCE.

A GRANT of \$2,295 from the Office of Scientific Research and Development has made it possible to continue until June 30 the study of protein metabolism which has been under the direction of Professor Arthur H. Smith and Associate Professor John W. Hirshfeld, of Wayne University. This grant supplements the sum of \$8,490 appropriated for the work from February 1, 1944, to January 31, 1945.

THE University of Oxford has received from the Rockefeller Foundation the sum of £1,200 for the year beginning March 1, for biological investigations of penicillin under the direction of Sir Howard Florey, professor of pathology.

DR. CRAWFORD H. GREENEWALT, technical director of the department of explosives of E. I. du Pont de Nemours and Company, has been appointed assistant director of the development department.

DR. CARL B. WOLF, since 1930 botanist at the Rancho Santa Ana Botanic Garden, Anaheim, California, has tendered his resignation effective about June 1. He expects to take over the management of the Sespe Land and Water Company at Fillmore, Calif. The company manages over 1,000 acres of land, of which approximately 400 acres are in lemons and oranges.

DR. HAROLD E. HIMWICH, professor of physiology and pharmacology at Albany Medical College, recently addressed the Osler Clinical Society, the students' organization at the School of Medicine of the University of Vermont, on "Hypoglycemia, its Physiology, Pathology, Symptoms and Treatment."

DR. ALLEN O. WHIPPLE, professor of surgery, Columbia University, will present the annual E. Starr Judd lectureship in surgery at the Medical School of the University of Minnesota on the evening of April 10. The title of the lecture will be "The Problem of Portal Hypertension in Relation to Hepatic-Splenopathies."

THE annual meeting of the Michigan Academy of Science, Arts and Letters, which was to have been held in Ann Arbor on March 16 and 17, has been cancelled. By action of the council, meetings probably will be discontinued for the duration of the war. The officers elected last year to serve through the current year will continue in office for an additional twelve-month period.

IN cooperation with the Office of Defense Transportation, the executive committee of the American Association of Cereal Chemists has passed a resolution cancelling the 1945 annual meeting of the asso-

ciation, which was scheduled for Toronto during the latter part of May. At the same time, the executive committee decided that this meeting will be postponed and held at approximately the same time and in the same place in 1946, providing that progress with the war and transportation facilities will permit. The committee further decided that the present officers should be continued in office until their successors have been duly elected according to constitutional procedure.

A FORUM of the New York Branch of the American Association of Scientific Workers will take place in the New York Times Hall, 240 West 44th St., New York City, on March 26 at eight o'clock in the evening. The speakers will include Dr. Harlow Shapley, director of the Harvard College Observatory; John E. Burchard, professor of engineering and director of the Albert Farwell Bemis Foundation of the Massachusetts Institute of Technology; Samuel J. Noviek, president of the Electronic Corporation of America, and Lewis A. Berne, international president of the Federation of Architects, Engineers, Chemists and Technicians.

PLANS have been made, according to *The Washington Star*, for the establishment of the Science Society of Washington, the object of which is to contribute to scientific development in the Washington area through conducting a series of popular scientific lectures, promotion of junior scientific activities and sponsoring discussion groups on subjects of interest. Temporary officers have been elected as follows: Ware Cattell, of *The Washington Scientist*, president; R. B. Hobbs, of the National Bureau of Standards, secretary; Morris C. Leikind, of the Library of Congress, treasurer, and Murray Sagman, manager of the membership drive.

THE Cooperative Grange League Federation Exchange has made a gift of \$200,000 to Cornell University for the erection of a building for the School of Nutrition, of which Dr. Leonard A. Maynard is director. The school was established in 1941.

The Experiment Station Record reports that gifts amounting to \$26,400 have been made to the University of Wisconsin and its Experiment Station. These include \$5,200 for an industrial fellowship in biochemistry to study the vitamin and amino acid content and nutritional value of meats; \$3,300 for studies of the inactivation of milk by ultraviolet light; \$3,300 for the utilization of waste sulfite liquor from paper mills; \$1,600 on the effects of processing on meats and meat products; \$2,200 on factors affecting the activity of dried brewers' yeast, and \$2,000 for a study of the relationships between the nicotinic acid content of milk and its antipellagra qualities.

THE Radio Receptor Company, Inc., has placed a scholarship of \$2,500 at the disposal of the department of physics of the Washington Square College of New York University. The recipient of this scholarship will be a student working for the doctorate and the research which the scholarship is designed to promote will be the subject of the thesis for the degree. Applications with credentials should be directed to the Chairman of the Physics Department, Washington Square College of Arts and Science, New York University, Washington Square, New York 3, N. Y.

A NEW du Pont postgraduate fellowship in chemistry has been made available for the academic year of 1945-46 to the Polytechnic Institute of Brooklyn. The list of applicants will not be closed for the next three months. The fellowship includes tuition paid by the du Pont Company in addition to a \$1,000 stipend. It will be awarded for the fall term of 1945.

THE department of sociology of Oberlin College has introduced courses in general and cultural anthropology, origins of modern culture and racial and cultural minorities. The department of chemistry will include a new course in modern theories of organic chemistry, and the department of arts will give a course in museum training.

It is reported in the *Journal* of the American Medical Association that on February 14 the Wisconsin Alumni Research Foundation filed in the U. S. District Court a reply denying all accusations of illegality and asserting that all actions were designed to safeguard the public interest and preserve legitimate royalty income. The filed reply is an answer to a Government suit charging monopoly, price fixing and other violations in connection with the marketing of patented vitamin D products. Litigation started about eighteen months ago, when the foundation sued the Douglas Laboratories, manufacturing chemists, for patent infringement. The Government intervened with a counterclaim against the foundation, and last October amended the counterclaim to include seventeen other defendants, naming one individual and ten food and drug companies.

INVESTIGATIONS into the use of new nitrogen containing compounds as agricultural fertilizers have been initiated for the American Cyanamid Company, in charge of W. P. Martin, assistant biochemist at the Agricultural Experiment Station of the University of Arizona. The company has made a grant-in-aid of \$1,000 a year for three years. A search will be made for compounds that will supply the nitrogen, develop it slowly in the soil and that will contain nitrogenous material of such solubility that it will not leach rapidly to areas below the root zone of the plant.

THE Tropical Institute in Basel, Switzerland, is now established in a fully equipped building. Scientific studies affecting the tropics will be undertaken, and special training will be given to students who wish to go to the colonies.

It is stated in *Nature* that the British Joint Council of Professional Scientists has been established for the period of the national emergency to voice the collective opinion of qualified men of science. It was originally a joint committee of representatives of the Royal Institute of Chemistry and of the Institute of Physics, which was set up for the purpose of fostering coordinated action in matters of common interest, and was developed by the cooption of a botanist, a geologist, a mathematician and a zoologist, there being no corresponding professional bodies to represent those branches of science. One of the representatives of the Royal Institute of Chemistry is a metallurgist of similar standing. The council has now been working for two years. Among matters which have received, or are receiving, its attention are the proposal to urge the Government to establish a central scientific and technical board; the Ministry of Labor's announcement regarding the minimum number of hours to be worked in laboratories and factories; the influence on professional standards of war-time university regulations governing the award of degrees; the conditions of service of professional men of science in the Colonial service and the national policy regarding research and development work.

DISCUSSION

THE CRUCIAL POSTWAR NEED FOR AN INTERNATIONAL, AUXILIARY LANGUAGE FOR THE SCIENCES

A PROBLEM which we should try to settle immediately concerns the common language that will be needed after the war if the results of research are to be made promptly and readily available to scientists of all nations. If this problem has been less critical

in the past, it is because most scientists, regardless of nationality, have been trained in universities where either English, German or French is the primary language. But as scientific activities spread, more and more research workers will be trained at home—in Russia, Latin America, China, Japan—and we may find ourselves cut off from one another by language barriers. To effect economy of effort in learn-