

*August 1*

John J. Bittner: Inciting Influences in the Etiology of Mammary Cancer in Mice.

H. B. Andervont: The Milk Factor in Breast Cancer in Mice.

Mary E. Maver: Serology of Tumor Cathepsins.

Jacob Furth: The Site and Time of Malignant Change in Leukemia of Mice.

*August 2*

F. H. J. Figge: The Relationship of Pyrrole Compounds to Carcinogenesis.

L. F. Fieser: Discussion of Hydrocarbon Carcinogenesis.

W. R. Earle: Production of Malignancy in Vitro.

Harry S. N. Greene: The Occurrence of Dependent and Autonomous Phases in the Development of Cancer.

*August 3*

R. J. Williams: B Vitamins and Cancer.

J. P. Greenstein: Enzymes and Cancer.

H. P. Rusch and C. A. Baumann: The Prevention of Experimental Liver Tumors by Dietary Means.

*August 4*

Heron O. Singher: The Effect of Inhibitory Agents on Normal and Malignant Tissues.

Curtis Flory and Jacob Furth: Chemotherapeutic Studies on Leukemia.

The registration limit of seventy participants has

now been reached. Further applications<sup>1</sup> must be taken on a waiting-list basis, in anticipation of possible cancellations. It is planned, however, to publish promptly the great majority of the papers as a special monograph in the series of symposium publications issued by the American Association for the Advancement of Science, similar to the earlier "Some Fundamental Aspects of the Cancer Problem" (Occasional Papers, No. 4, 1937). The monograph will also contain a record of the discussion, which will be taken down for the first time at these conferences. Funds for stenotyping have been provided for by a grant from the Jane Coffin Childs Memorial Fund. Additional written comments which the participants may care to submit will also be included. It is intended that the reports, papers, discussions and submitted comments will emphasize, so far as possible, the frontiers of investigation and the most recent experimental information available on the aspects of cancer considered.

DEAN BURK, *Chairman*

RALPH G. MEADER, *Vice-Chairman*

<sup>1</sup> For preliminary announcement, with details of registration, see *Chem. and Eng. News*, 22: 109, 1944.

## SCIENTIFIC NOTES AND NEWS

DR. ALBERTO RECIO, Minister of Public Health of Cuba, has announced the opening on May 17 of the National Institute of Hygiene in Havana. On this occasion President Batista presented decorations of the order of Carlos J. Finlay to Brigadier General James S. Simmons, director of preventive medicine, Surgeon General's Office, U. S. Army; Colonel Harry Plotz, chief of the Division of Virus and Rickettsial Diseases, Army Medical School, Washington, D. C.; Dr. Rolla E. Dyer, director of the National Institute of Health, Bethesda, Md.; Dr. Reuben Kahn, of the University of Michigan; Dr. Henry Hanson, Commissioner of Health, Florida, and Dr. A. A. Moll, executive secretary of the Pan American Sanitary Bureau, Washington, D. C. At the same time the Cuban Government presented decorations to the Rockefeller Foundation, the American Public Health Association and a posthumous award to the American Yellow Fever Commission in honor of the great services rendered to yellow fever control.

DR. LILLIAN M. GILBRETH and Dr. Frank B. Gilbreth (posthumously) have been awarded the Henry Laurence Gantt Memorial Gold Medal for 1944 of the American Society of Mechanical Engineers "in recognition of their pioneer work in management, their development of the principles and techniques of motion study, their application of those techniques

in industry, agriculture and the home, and their work in spreading that knowledge through courses of training and classes at universities." The medal is administered by the Gantt Medal Board of Award consisting of representatives of the American Society of Mechanical Engineers and the American Management Association.

THE Squibb Award of the Association for the Study of Internal Secretions was presented at the Chicago meeting on June 12 to Dr. Edward A. Doisy, professor and director of the department of biochemistry of the School of Medicine of St. Louis University, for his "contributions to scientific knowledge, particularly in endocrinology." The first award of the Ciba Pharmaceutical Company was presented to Dr. Edwin B. Astwood, assistant professor of pharmacotherapy at the Harvard Medical School, "for his contributions in the field of sex hormones and on the thyroid gland."

DR. HAROLD HENRY BEVERAGE, vice-president in charge of research and development of the Radio Corporation of America, has received a certificate of appreciation from the U. S. Army Signal Corps for his work in connection with the installation of a radio-teletype circuit in the North Atlantic. Major General H. C. Ingles, chief signal officer, made the presentation.

At the commencement on June 24 of Bowdoin College the degree of doctor of science was conferred on Dr. Cornelius P. Rhoads, director of Memorial Hospital for the Treatment of Cancer and Allied Diseases, New York City.

CITATIONS as distinguished alumni were awarded on June 10 by the University of Chicago to Dr. Ralph W. Chaney, professor of paleontology, and to Dr. Leonard B. Loeb, professor of physics, both of the University of California at Berkeley.

DR. SANFORD B. HOOKER, of the School of Medicine of Boston University and the Evans Memorial Hospital, was the guest of honor at the first annual meeting of the American College of Allergists which was held in Chicago on June 10 and 11. The subject of his address was "Qualitative Differences in Canine Dander."

DR. ALFRED L. NELSON, chairman of the department of mathematics of Wayne University, Detroit, has been elected president of the Michigan Academy of Science, Arts and Letters.

THE honorary fellowship of the Royal College of Obstetricians and Gynecologists has been conferred on Sir Joseph Barcroft, until his retirement in 1937 professor of physiology at the University of Cambridge.

DR. ROGER IRVING LEE, practising physician of Boston, formerly professor of hygiene at the Harvard Medical School, was elected at the Chicago meeting president of the American Medical Association for the period 1945-1946.

OFFICERS of the American Society of Naturalists, elected by mail ballot, are: *President*, Dr. Fay Cooper Cole, Anthropology, University of Chicago; *Vice-president*, Dr. Charles W. Metz, Zoology, University of Pennsylvania; *Secretary*, Dr. Wm. Randolph Taylor, Botany, University of Michigan; *Treasurer*, Dr. M. R. Irwin, Genetics, University of Wisconsin (continuing); *Editorial Board*, *The American Naturalist*, Dr. Leon J. Cole, Dr. A. Franklin Shull and Dr. Laurence H. Snyder. The annual meeting will be held at Cleveland from September 12 to 24 in conjunction with the meeting of the American Association for the Advancement of Science.

DR. PAUL E. KLOPSTEG, formerly president of the Central Scientific Company of Chicago, who for the past two years has been chief of the Division of Physics of the National Defense Research Committee and assistant chief of the Division of Field Service of the Office of Scientific Research and Development, has been appointed director of research and professor of applied science to direct advanced studies and the coordination of research in the post-war period in the

Technological Institute of Northwestern University. Dr. Klopsteg was a member of a committee, of which Dr. Charles F. Kettering was chairman, to advise the institute on post-war development.

DR. WM. H. EMMONS, who since 1911 has been chairman of the department of geology of the University of Minnesota and head of the State Geological Survey, and Dr. C. R. Stauffer, paleontologist, since 1917 professor of geology at the university, are retiring at the close of the academic year. Dr. Geo. A. Thiel has been appointed chairman of the department and Dr. F. F. Grout has become director of the Minnesota Geological Survey.

DR. WILLIAM WALTER GREULICH, professor of physical anthropology and anatomy and director of the Brush Foundation at Western Reserve University, has been appointed professor of anatomy at Stanford University.

DR. GEORGE F. PAPENFUSS, research associate in botany at the University of California at Berkeley, has been appointed, effective in July, assistant professor of botany.

DR. FREDERIC A. GIBBS, of the Harvard Medical School, has been appointed associate professor in the department of psychiatry of the Illinois Neuropsychiatric Institute of the College of Medicine of the University of Illinois, effective on September 1. Mrs. Frederic A. Gibbs has been appointed research assistant at the same institution.

DR. CHARLES MAURICE YONGE, professor of zoology at the University of Bristol, has been appointed regius professor at the University of Glasgow. He succeeds Professor E. Hindle, who has become scientific director of the Zoological Society of London.

DR. JOHN A. FARRELL has been appointed medical director of the John and Mary R. Markle Foundation.

DR. KENNETH H. DOAN, research associate at the Franz Theodore Stone Laboratory of the Ohio State University, has become associate biologist with the Fisheries Research Board of Canada.

DR. RICHARD H. BARNES, until recently assistant professor of physiological chemistry at the Medical School of the University of Minnesota, has been appointed head of the Department of Biochemical Research of Sharp and Dohme, Glenolden, Pa. He succeeds Dr. L. Earle Arnow, who was recently appointed director of research.

DR. CLARENCE COTTAM, biologist of the Fish and Wildlife Service of the U. S. Department of the Interior in charge of the section devoted to research on economic wildlife problems, has been appointed assistant to the director. He will serve as a coordinating and liaison officer in the field of wildlife conser-

vation and management in connection with other land-use agencies, particularly the Bureau of Reclamation, the Army Engineers of the War Department, the Tennessee Valley Authority and other Federal and State agencies.

DR. MORRIS A. STEWART, associate professor of parasitology at the University of California at Berkeley, is leaving to spend three months in Bolivia. He will have his headquarters in Santa Cruz, but will travel to remote parts of the country. His report on parasitic diseases and means for their control will be used by the Bolivian Government in its program for the economic development of the country. Dr. Stewart also will visit research laboratories in parasitic diseases in Mexico and the hospital devoted to the study of tropical diseases in Guatemala City. He will advise with the anti-plague service in Peru and will give lectures on malaria in Colombia.

THE Royal Caroline Institute, Stockholm, which is in charge of the Nobel Fund for Medicine, has decided to build a Medical Nobel Institute for research in anatomy, biochemistry and physiology. The new institute, according to *Nature*, will consist of three departments in one building to be erected on the premises of the new medical center at Norrbacka in the northwest region of the city. The Biochemical Nobel Institute was founded in 1937 and is directed by Professor Hugo Theorell. The physiological department will be a Neurophysiological Research Laboratory privately endowed in 1940 for Professor Ragnar Granit, who will also be in charge of the new institute. The anatomical department will be associated with a new chair in cell research to be founded for Dr. Torbjörn Caspersson.

THE Thomas W. Salmon Lectures for 1944 will be given in November at the New York Academy of Medicine by Brigadier John R. Rees, consultant psychiatrist to the British Army. His subject will be "The Shaping of Psychiatry by War."

DR. HUDSON HOAGLAND, executive director of the Worcester Foundation for Experimental Biology, gave the address at the spring initiation meeting of the Chapter of the Society of the Sigma Xi of the Worcester Polytechnic Institute. The title of the lecture was "Adventures in Biological Engineering."

DR. LOUIS S. GOODMAN, professor of pharmacology and physiology at the College of Medicine of the University of Vermont at Burlington, delivered on May 17 the annual Alpha Omega Alpha lecture of the College of Medicine of Syracuse University. He spoke on "Some Aspects of Recent Advances in Pharmacology."

THE Society for the Promotion of Engineering Edu-

cation opened its fifty-second annual meeting on June 23 at the University of Cincinnati.

A UNIT of the Medical Research Council for research in applied psychology has been set up in the psychological laboratory of the University of Cambridge, of which Dr. F. C. Bartlett is the head. Dr. K. J. W. Craik has been appointed to the staff of the council as director of the unit. Members of the unit will undertake work elsewhere than at Cambridge, including investigations for the Industrial Health Research Board of the council.

IT is stated in *Nature* that the Rockefeller Foundation has made a grant of 15,000 rupees to the National Institute of Sciences of India, to give assistance in the publication of scientific papers in Indian journals. This grant is similar in character to that which has been made annually for some years by the foundation to the Royal Society to assist in the publication of scientific papers in Great Britain.

A WIRELESS to *The New York Times* states that, according to Professor Ugo Papi, general secretary, all property, including the archives of the International Institute of Agriculture at Rome, is safe. The German authorities did not deprive the institute of its diplomatic immunity, enjoyed since its founding in 1905 "for the protection of the common interests of farmers and for the betterment of their conditions after preliminary study of all requisite sources of information." During the enemy occupation the institute was allowed to continue as in peace time and representatives of principal nations at war against the Axis went on with their research unmolested. Since the Allied entry into Rome such of the institute's personnel as belong to enemy nations likewise have been respected.

THE *News Bulletin* of the Institute of International Education reports that the Pan American School of Agriculture, established recently at Zamorano, Honduras, for the study of scientific agriculture as applied to Central American conditions, has ended its first period of work with an enrolment of seventy-four students from five Central American republics. It was expected that the second session, which opened on June 1, the enrolment and the countries represented would show a considerable increase. The school is some twenty miles from the capital of Honduras and comprises 1,416 hectares of land in the valley of El Zamorano. The site was chosen after a careful consideration of its altitude, climate, irrigation facilities, quality of soil and other elements. The present agricultural course is for three years. Agricultural engineering is to be added to the curriculum later.