

the award of the two Royal Medals for the current year as follows:

To Sir Harold Spencer Jones, F.R.S., for his determination of the solar parallax and of other fundamental astronomical constants.

To Dr. E. B. Bailey, F.R.S., for his distinguished contributions to the knowledge of mountain structure and his studies on the tectonics of vulcanism.

The following awards of medals have been made by the president and council of the Royal Society:

The Copley Medal to Sir Joseph Barcroft, F.R.S., for

his distinguished work on respiration and the respiratory function of the blood.

The Davy Medal to Professor Ian M. Heilbron, F.R.S., for his many notable contributions to organic chemistry, especially to the chemistry of natural products of physiological importance.

The Sylvester Medal to Professor J. E. Littlewood, F.R.S., for his mathematical discoveries and supreme insight in the analytical theory of numbers.

The Hughes Medal to Professor M. L. E. Oliphant, F.R.S., for his distinguished work in nuclear physics and mastery of methods of generating and applying high potentials.

JOHN D. GRIFFITH DAVIES,
Assistant Secretary

SCIENTIFIC NOTES AND NEWS

At the informal dinner of the National Academy of Sciences on November 22 the Daniel Giraud Elliott Medal for 1937 was presented to Dr. George H. Parker, of Harvard University, and the Mary Clark Thompson Medal for 1941 to Professor D. M. S. Watson, Jodrell professor of zoology and comparative anatomy of University College, London. Since Dr. Watson was unable to be present in person the British Ambassador accepted the invitation of the academy to be its guest and to receive the medal for him.

DR. HENRY VAN DER SCHALIE, assistant curator of mollusks at the museum of zoology of the University of Michigan, has been awarded the Walker Prize of the Boston Society of Natural History. The value of the prize was increased this year from \$50 to \$100 in recognition of the excellence of Dr. van der Schalie's work on "The Value of Mussel Distribution in the Tracing of Stream Confluence."

DR. HERMAN L. KRETSCHMER, president-elect of the American Medical Association, received on October 18 the honorary degree of doctor of science from the School of Medicine of Marquette University, Milwaukee. He gave the commencement address, which was entitled "Medical Education, the War and You."

THE House of Representatives in anticipation of the fortieth anniversary of the Wright brothers' pioneer flight at Kitty Hawk, N. C., passed and sent to the Senate on November 24 a resolution expressing the nation's "gratitude and respect."

DR. REUBEN M. STRONG, professor of anatomy and chairman of the department at Loyola University School of Medicine, Chicago, and Dr. Thesle T. Job, professor of anatomy, who have completed twenty-five years as members of the faculty, were honored at a dinner given on October 31 by the student body.

HUBERT M. TURNER, associate professor of electrical engineering at Yale University, has been elected president of the Institute of Radio Engineers, an interna-

tional organization with more than 11,000 members located in all parts of the world.

DR. A. C. FURSTENBERG, dean of the Medical School of the University of Michigan, has been appointed president-elect of the Association of American Medical Colleges. He will assume the presidency in October, 1944.

THE vacancy caused by the sudden death of Sir Beckwith Whitehouse, president of the British Medical Association, has been filled by the appointment of Lord Dawson, who was president at the centenary meeting.

LEWIS M. TURNER, who has been with the U. S. Forest Service since 1937, has become dean of the School of Forestry and Range Management of Utah State College at Logan.

DR. ARTHUR J. GATZ, assistant professor of zoology at Carleton College, has been appointed assistant professor of anatomy in the School of Medicine of Loyola University in Chicago.

DR. CARL E. GUTHE, professor of anthropology and director of museums of the University of Michigan, has been appointed director of the New York State Museum at Albany, N. Y. He will assume his new work on March 1. He succeeds Dr. Charles C. Adams, who retired last summer.

PROFESSOR W. A. SEAMAN, of the Michigan College of Mining and Technology, has been appointed curator of the mineralogical museum named after his father, the late Professor A. E. Seaman, who contributed greatly to its establishment more than fifty years ago. The museum contains 20,000 display specimens representing more than 1,100 of the 1,600 recognized mineral species. Its nucleus consists of gifts made in the 1880's and 1890's by Dr. Lucius L. Hubbard, Dr. George A. Koenig and Professor A. E. Seaman, who was head of the department of geology of the college from 1899 to 1928 and who served as

curator of the museum from 1928 to 1937, the year of his death.

THE Norwich Pharmacal Company has made an appropriation of \$2,500 to establish two fellowships at Syracuse University for work on antibacterial agents under the direction of Dr. P. M. Ruoff. The fellowships have been awarded to R. D. Sprenger and F. W. Staab.

DR. GEORGE K. ANDERSON, technical aide of the Division of Medical Sciences of the National Research Council, Washington, D. C., has become secretary of the Council on Foods and Nutrition of the American Medical Association.

DR. HAROLD S. ADAMS, general superintendent of the Upjohn Company, has been elected a vice-president. Dr. E. Gifford Upjohn has been appointed medical director.

DR. DAVID A. KRIBS, assistant professor of botany of the Pennsylvania State College, has been appointed director of research and head of the school for wood airplane construction, designed for engineers and supervisors in inspection and production, of the Fairchild Aircraft, Burlington, N. C.

DR. JOSEPH C. BEQUAERT and Dr. Everett P. Veatch, of the American Foundation of Tropical Medicine, left on November 16 by plane for Liberia to make a study of the incidence of sleeping sickness among the natives of northeast Liberia and French and British Guiana.

THE British Ministry of Agriculture, according to *The Times*, London, has selected the following delegates to visit the United States to report on American farming conditions and their lessons for British agriculture: Tom Peacock, a former president of the National Farmers' Union; F. Rayns, executive officer of the Norfolk War Agricultural Executive Committee, and A. R. Wannop, North of Scotland Agricultural College.

DR. HARVEY N. DAVIS, head of the Office of Production Research and Development, which operates under the War Production Board in Washington, and Dr. Donald B. Keyes, chief of the chemical industries branch, are on a mission to Great Britain. They will discuss with the Ministry of Production and other Government departments the exchange of technical information between the two countries, and they hope to encourage experts on both sides of the Atlantic to inspect each other's factories and factory operations.

DR. CLARENCE C. LITTLE delivered on November 16 the annual Barnard Free Skin and Cancer Hospital Lecture before the St. Louis Medical Society. He spoke on the "Influence of Heredity in Human Cancer."

EARLY in November Dr. Carl G. Hartman, head of the department of zoology and physiology and chairman of the Biological Division of the University of Illinois, delivered a series of lectures in California. Before the Pacific Coast Society of Obstetrics and Gynecology, meeting in San Francisco, he spoke on "Recovery of Primate Eggs and Embryos" and on "Regenerative Capacity of the Monkey Uterus"; at the Institute of Experimental Biology, University of California, Berkeley, on "Some New Cell Types in the Vaginal Smear of the Rat"; before the Research Club, Stanford University, on "Instinctive Behavior as Illustrated by the Solitary Wasp" (with motion pictures); before the Los Angeles Gynecological Society, on "The Normal and the Hyperactive Ovary in the Menstrual Cycle and in Hyperplasia."

APPLICATIONS for research fellowships in medicine, dentistry and pharmacy in the University of Illinois are now being considered for the year beginning September 1, 1944. Appointments to these fellowships will be announced on January 1. Candidates must have completed a training of not less than eight years beyond high-school graduation. The fellowship carries a stipend of \$1,200 per calendar year with one month's vacation. Application blanks and further information may be secured from the Secretary of the Committee on Graduate Work in Medicine, Dentistry and Pharmacy, 1853 West Polk Street, Chicago 12, Illinois.

THE Society of the Sigma Xi will hold its forty-fourth annual convention on December 4, in Chicago at the Shoreland Hotel. Due to wartime conditions, the necessary business of the society, with ninety chapters in institutions of higher learning and forty alumni clubs in leading cities, will be confined to a single day. Attendance will be limited to delegates from chapters and clubs. Petitions for the establishment of Sigma Xi chapters at five more universities will be received and acted upon at the national convention. Charters are being requested for chapters at Emory University, Atlanta; North Carolina State College, Raleigh; St. Louis University; Vanderbilt University, and Wayne University, Detroit. Dr. Harlow Shapley, president of the society and director of Harvard College Observatory, delivers the twenty-second annual lecture on December 3, in the University of Chicago's Mandel Hall, speaking on "Star Clusters and the Dimensions of the Galaxies." Dr. Anton J. Carlson, who is the Hixson distinguished service professor of physiology, emeritus, at the University of Chicago, makes the introduction.

THE autumn meeting of the Utah Academy of Science, Arts and Letters was held at the Utah State Agricultural College on November 13. A special feature of the program was an address on "Experimental

Nutritional Deficiencies" by Dr. M. M. Wintrobe, head of the department of internal medicine of the University of Utah. Addresses at the general sessions were made also by Dr. N. A. Pedersen, dean of arts and sciences, Utah State Agricultural College; by Dr. E. E. Erickson, dean of arts and sciences of the University of Utah; by Dr. A. M. Woodbury, professor of biology, University of Utah, and by Dr. O. W. Israelsen, professor of irrigation and drainage, Utah State Agricultural College. Twenty-one contributed papers were read at three sectional meetings. The officers of the academy for the current year are: *President*, R. H. Walker, dean of agriculture and director of the Agricultural Experiment Station, Utah State Agricultural College; *First Vice-president*, Walter P. Cottam, professor of botany, University of Utah; *Second Vice-president*, Vasco M. Tanner, professor of zoology, Brigham Young University, and *General Secretary*, I. O. Horsfall, director of the Extension Division of the University of Utah.

THE National Malaria Society met conjointly with the Southern Medical Association in Cincinnati, from November 16 to 18, under the presidency of Brigadier General James S. Simmons, M. C., A. U. S. A Symposium on the National Program for the Control of Malaria was held on November 18. The following officers were elected to serve during 1944: *Honorary President*, Dr. Frederick L. Hoffman, Los Angeles; *President*, G. H. Bradley, Atlanta; *President-elect*, H. A. Johnson, Memphis; *Vice-president*, Stanley Freeborn, Atlanta; *Secretary-Treasurer*, Dr. Mark F. Boyd, Tallahassee; *Member of the Editorial Board*, Dr. Lloyd Roseboom, Baltimore, and *Representative to the Council of the American Association for the Advancement of Science*, Dr. E. C. Faust, New Orleans.

At the sixteenth annual meeting of the Central Society for Clinical Research held in Chicago on November 5, the following officers were elected for the year 1943-44: *President*, Dr. Cecil J. Watson, Minneapolis; *Vice-president*, Dr. Willis M. Fowler, Iowa City; *Secretary-Treasurer*, Dr. Carl V. Moore, St. Louis. *Councilors*: Drs. Harold Feil, Cleveland; F. W. Madison, Milwaukee; Ovid O. Meyer, Madison; Irvine H. Page, Indianapolis; William A. Thomas, Chicago, and John W. Scott, Lexington.

CLIFTON E. MACK, director of procurement, U. S. Treasury Department, will speak at the annual luncheon meeting of the American Standards Association to be held on December 10 at the Hotel Roosevelt. His address will deal with using standards to bring government requirements more nearly into line as a part of the American industrial system. Mr. Mack is in charge of all government lend-lease purchasing.

This meeting marks the twenty-fifth anniversary of the founding of the American Standards Association. Started as a result of the production problems of the last war, the association has in the past year completed more than forty emergency jobs for the armed services and industry, and is engaged on many others. R. E. Zimmerman, president of the organization, will give a brief address on post-war changes and developments. H. S. Osborne, chairman of the Standards Council, will report on the year's work. Because of the special nature of this occasion, in commemoration of its twenty-five years of service to industry and government, the American Standards Association extends a cordial invitation to all who wish to attend, whether they are members of the association or not. Further information in regard to the meeting may be obtained from the American Standards Association, 29 West 39th St., New York 18, N. Y.

THE Long Island Biological Association, Cold Spring Harbor, N. Y., has received from Mrs. Henry W. deForest, in addition to her gift of nine acres with buildings and her interest in the Sand Spit, a deed to some seven acres of land, adjacent to the first parcel, on which stands a residence which will serve as the home of the director of the laboratory.

THE *Journal* of the American Medical Association reports that a Frank Wister Thomas professorship of medicine will be established at the School of Medicine of the University of Pennsylvania under the will of Mrs. Maria G. B. Thomas of Philadelphia, who died on September 15. The professorship will be a memorial to Mrs. Thomas's husband, Dr. Frank W. Thomas, who died on January 19, 1928. According to the will, most of the \$200,000 estate is left ultimately to create the new chair. The residue is bequeathed to the university toward the endowment, and trust funds amounting to \$50,000 will be added to it as the beneficiaries die, until \$200,000 is accumulated. The holder of the professorship shall be the person who is recognized by the trustees as the head or chief professor of medicine at the medical school. If the endowment exceeds the amount necessary to establish the professorship, or if the chair becomes temporarily vacant, one or more temporary Frank Wister Thomas fellowships in medicine will be set up. Any excess over the \$200,000 limit fixed for the professorship is bequeathed to Germantown Dispensary and Hospital.

THE *Journal* of the American Dental Association states that a list of minimum standards for dental departments in hospitals has been established by the American College of Surgeons. This list supplements the fifteen minimum standards already established for distinct hospital services and departments and is a part of the hospital standardization program of the American College of Surgeons.