

ACTIVITIES OF THE ROCKEFELLER FOUNDATION

DURING 1925 the Rockefeller Foundation spent \$9,113,730 through its departmental agencies, the International Health Board, the China Medical Board, the Division of Medical Education and the Division of Studies, in the following activities:

(1) Aided the governments of eighteen countries to combat hookworm disease; (2) gave funds to the budgets of organized rural health services in 220 counties in twenty-six American states and in eighteen districts in Brazil, Poland, Czechoslovakia, Austria and France; (3) took precautionary measures against yellow fever in Salvador, Guatemala, Nicaragua and Honduras; (4) continued to work with Brazil in freeing its northern coast from this disease; (5) sent a yellow fever commission to the West Coast of Africa; (6) helped to show the possibilities of malaria control in twelve American states, and in Brazil, Argentina and Italy; (7) shared in the development of professional training of public health officers at Harvard University and the University of Toronto and in schools and institutes in London, Copenhagen, Prague, Warsaw, Belgrade, Zagreb, Budapest, Trinidad and Sao Paulo; (8) contributed to the progress of medical education at Cambridge, Edinburgh, Copenhagen, Brussels, Utrecht, Strasbourg, Beirut, Singapore, Bangkok, Sao Paulo and Montreal; (9) provided emergency aid in the form of literature and laboratory supplies for 112 medical centers in Europe; (10) maintained a modern medical school and teaching hospital in Peking with 164 students and fifty-five teachers; (11) aided two other medical schools and nineteen hospitals in China; (12) helped to improve the teaching of physics, chemistry and biology in three Chinese and seven foreign institutions in China and in the government university of Siam; (13) supported nurse training courses in Peking Union Medical College, Yale University, Vanderbilt University and the George Peabody College for Teachers, and contributed to nursing education and service in Brazil, France, Yugoslavia and Poland; (14) provided current funds for an Institute of Biological Research in The Johns Hopkins University; (15) assisted departments at Yale and Iowa State universities engaged in biological and mental research, and aided the Marine Biological Station at Pacific Grove, California; (16) provided, directly or indirectly, fellowships for 842 men and women from forty-four different countries, and financed the travel of fifty other persons either in commissions or as visiting officials and professors; (17) contributed to the League of Nations' international study tours or interchanges for 128 health officers from fifty-eight countries; (18) continued to aid the League's informa-

tion service on communicable diseases; (19) made surveys of health conditions, medical education, nursing, biology and anthropology in thirty-five countries; (20) lent staff members as advisers and made minor gifts to many governments and institutions; (21) assisted mental hygiene projects both in the United States and Canada, demonstrations in dispensary development in New York City and other undertakings in public health, medical education and allied fields.

SCIENTIFIC NOTES AND NEWS

DR. HARVEY CUSHING, of the Harvard Medical School, was elected president of the American Surgical Association at the annual meeting in Detroit on May 26.

DR. WILLIAM T. HORNADAY, director emeritus of the New York Zoological Park, has been presented with a gold medal by the New York Zoological Society for his thirty years of "loyal, able and efficient service."

DR. SIMON FLEXNER, the director of the Rockefeller Institute for Medical Research, has been elected a member of the Royal Danish Scientific Society of Copenhagen.

DR. MICHAEL I. PUPIN, professor of electromechanics at Columbia University, retiring president of the American Association for the Advancement of Science and president of the American Institute of Electrical Engineers, was awarded the degree of doctor of science at the recent commencement of Rutgers University. The degree of LL.D. was conferred on Mr. Owen D. Young, chairman of the board of directors of the General Electric Company.

THE honorary degree of D.Litt. was conferred on Dr. Harvey Cushing, professor of surgery at Harvard University, at the annual commencement of Jefferson Medical College on June 4, when he gave the principal address.

DR. WILLIAM H. PARK, professor of bacteriology and hygiene at New York University, was awarded at the recent commencement of the university the degree of doctor of science.

THE degree of doctor of laws has been conferred by the University of Missouri on Hugh Lincoln Cooper, the hydraulic engineer of New York City, and on Jeremiah W. Sanborn, formerly dean of the Missouri College of Agriculture.

THE degree of doctor of science was conferred on June 7 by Franklin and Marshall College on Henry Kreitzer Benson, professor of industrial chemistry and chemical engineering at the University of Washington, Seattle.

At a meeting of the Academy of Natural Sciences held on June 8 the following were elected correspondents: Henry Balfour, Erwin Baur, Joseph Grinnell, Michael F. Guyer, Fritz Hass, G. Carl Huber, Arthur F. Basset Hull, Chiyomatsu Ishikawa, Bunjiro Koto, Samuel O. Mast, Herbert Osborn, Carlos E. Porter, Norman D. Riley, Erwin F. Smith, Alexander Wetmore, August Weberbauer and Wilhelm Wenz.

DR. H. C. WILSON, for sixteen years director of Goodsell Observatory of Carleton College, Northfield, Minn., will retire at the close of the present year. He will spend a year in California, partly at the Mt. Wilson Observatory, after which he will return to Northfield to spend his time in research. To succeed Dr. Wilson, Professor E. A. Fath has been appointed director of Goodsell Observatory and Professor C. H. Gingrich and Professor E. A. Fath will assume the editorship of *Popular Astronomy*.

A FAREWELL dinner was given to Dr. J. E. Sweet, who has conducted the department of surgical research at the University of Pennsylvania for twenty years, by sixty of his friends on June 5, before he left to assume the chair of surgical research at Cornell University Medical School. Dr. George Dorrance presided and speeches were made by Drs. Wm. Pepper, Stewart, G. W. Norris, E. B. Krumbhaar, D. Guthrie, A. E. Richards and others.

THE board of council of the Milbank Memorial Fund tendered a dinner at the Hotel Biltmore, New York, in honor of Sir Arthur Newsholme, of London, previous to his sailing for home recently. Among the guests present were Dr. William H. Welch, the Johns Hopkins University; Dr. Hugh S. Cumming, Washington, D. C., and Dr. Livingston Farrand, Cornell University.

At the end of the present session Professor A. G. Perkin, as has already been reported in *SCIENCE*, will retire from the chair of color chemistry and dyeing in the University of Leeds, severing thereby a connection with the university which has extended over thirty-four years. We learn from *Nature* that in view of Professor Perkin's long period of service and the valuable work which he has done in building up a school of research into color chemistry and the chemistry of natural coloring matters, work which is of great value to the textile and dye industries, a committee has been formed for the purpose of raising a fund which will enable the esteem in which Professor Perkin is held to be signaled, either by the presentation to the university of his portrait, or in some other suitable manner. Subscriptions are invited for this purpose, and should be sent to Professor A. F. Barker, The University, Leeds.

DR. C. RICHET, professor emeritus of physiology at the University of Paris, a pioneer in biology with anaphylaxis and serotherapy, was presented on May 22 with a bronze portrait bust and tributes from delegates of scientific societies throughout Europe. Belgium sent the insignia of the grand commander of the Order of Leopold, and General Foch presented him with the cross of the grand commander of the Legion of Honor.

THE Royal Society of Edinburgh has awarded the Keith Prize to Professor H. W. Turnbull, professor of mathematics in the University of St. Andrews, for his papers on hyper-algebra, invariant theory and algebraic geometry, published in the *Proceedings of the Royal Society of Edinburgh*, and the Neill Prize to Professor F. O. Bower, for his recent contributions to botanical knowledge, and in recognition of his published work extending over a period of forty-five years.

ON the occasion of his seventieth birthday, on May 6, the city of Vienna conferred honorary citizenship on Dr. S. Freud.

DR. KARL LANDSTEINER, a member of the Rockefeller Institute for Medical Research, has been awarded the annual prize of 1,500 marks of the Dr. Hans Aronson-Stiftung, Berlin, in recognition of his work on antigens and antibody formation.

THE Hubbard Medal of the National Geographical Society will be presented by President Coolidge to Commander Richard E. Byrd, on June 23. Floyd Bennett, who accompanied Commander Byrd on his polar airplane flight, will receive a gold medal.

DR. THOMAS STOCKHAM BAKER, president of the Carnegie Institute of Technology, is on his way to Europe to extend invitations to specialists to attend a conference in Pittsburgh next November to devise plans for extending the use of bituminous coal. The advisory board for the conference will be John Hays Hammond, Samuel Insull, Charles M. Schwab, E. A. Kerr, Dr. Frank Jewett and Otto H. Kahn.

ARTHUR C. VEATCH has been invited to Italy by Premier Mussolini for a conference on the oil situation and oil resources of Italy.

C. E. SKINNER has been appointed the delegate of the American Engineering Standards Committee to the International Conference on Standardization to be held in Europe this summer.

PROFESSOR HERMAN H. CHAPMAN has been granted a leave of absence from Yale University to participate in the government investigation on forest taxation, which is being conducted under the direction of Professor Fred R. Fairchild.

DONALD MATTHEWS, forester of the Tropical Plant Research Foundation of Washington, D. C., has left for Trinidad and other points in the Caribbean region to study problems of reforestation and rate of tree growth. Mr. William Crosby, associate forester of the foundation, is conducting similar studies in Porto Rico and Cuba.

DR. J. M. ALDRICH, curator of insects at the Smithsonian Institution, has left for Guatemala to make a collection of Central American flies which parasitize other injurious creatures.

CARLOS E. CHARDON, commissioner of agriculture and labor in the Government's Cabinet in Porto Rico, has been granted a three months' leave of absence and has gone to Colombia at the request of that government to organize a department of agriculture and establish an agricultural experiment station. Mr. Chardon is initiating a fungous survey of Colombia and plans to lead a mycological expedition into the interior of that country in the near future.

PROFESSOR JOHANNES WALTHER, of Halle, will be the guest of the geological department of the Johns Hopkins University, during the months of February and March of next year as visiting professor on the Speyer Foundation.

PROFESSOR KARL HERZFELD, of the University of Munich, will give a course of lectures on selected topics in kinetic theory during the summer session at the University of Michigan, from June 21 to August 13.

DR. WILLIAM E. WICKENDEN, of New York, director of research for the Society for the Promotion of Engineering Education, gave the commencement address at Lafayette College, on June 7.

DR. CHARLES P. BERKEY, of the department of geology, of Columbia University, recently gave a lecture at the University of North Carolina, at Princeton University and at Rutgers College, on the "Explorations of the Third Asiatic Expedition during 1925 in Central Asia."

DR. HEBER CURTIS, director of the Allegheny Observatory, addressed the Sigma Xi Alumni Association of the University of Pittsburgh at the last meeting. His topic was "The Astronomical Results and Problems of the Recent Solar Eclipse."

DR. GEORGE R. LYMAN, dean of the West Virginia College of Agriculture at Morgantown and previously pathologist in the Bureau of Plant Industry at Washington, D. C., died on June 7, aged fifty-five years.

PROFESSOR SAMUEL HOMER WOODBRIDGE, president of the Sanitary Engineering Company and for many years lecturer on heating and ventilation at the Massachusetts Institute of Technology, died on June 7.

DR. CHARLES B. DUNLAP, for twenty-four years chief assistant in the New York Psychiatric Institute on Ward's Island, died on June 7 at the age of sixty-four years.

THE death is announced, at the age of sixty years, of Benjamin E. Carter, associate professor of mathematics at Colby College.

DR. H. B. GUPPY, F.R.S., distinguished for his work on plant dispersion and coral-reef formation in the Pacific, died on April 23 at the age of seventy-one years.

SIR FREDERICK MOTT, the well-known British neurologist, died in Birmingham on June 8 at the age of seventy-two years.

THE Upsilon Chapter of the Phi Sigma Biological Society was installed in Miami University, Oxford, Ohio, on May 7, Dr. H. J. Van Cleave, of the department of zoology, University of Illinois, acting as installing officer on behalf of the council. Phi Chapter was installed in the University of New Hampshire on May 21, by Dr. Carl L. Wilson, department of biology, Dartmouth College.

THE city of Wiesbaden has appropriated 100,000 marks for the erection and equipment and 50,000 marks annually for the support of an institute for scientific research in balneology and metabolism.

UNIVERSITY AND EDUCATIONAL NOTES

BY the will of Mrs. Ellen Mills Borne, Columbia University receives \$300,000, on the death of her brother, to found a chair in medical and surgical research, in memory of her husband, John E. Borne.

GIFTS amounting to \$450,000 were announced at the recent commencement of Vassar College.

LELAND RUSSELL VAN WERT, for the past six years a member of the faculty of the Harvard Engineering School, has been named assistant professor in metallurgy at the Carnegie Institute of Technology. The appointment is announced as a further step in the reorganization of the Department of Mining and Metallurgical Engineering, Professor James Aston, former metallurgical engineer with the A. M. Byers Company, having been placed in charge of the department several months ago subsequent to the death of Professor Fred Crabtree and the recent resignation of Professor F. F. McIntosh.

DR. HORACE S. UHLER has been appointed associate professor of physics in the Sheffield Scientific School of Yale University.

DR. OTTO LAPORTE, Ph.D. (Munich), who has been for the past two years at the Bureau of Standards,