

Rockefeller Foundation, will take over the social science program of the Laura Spelman Rockefeller Memorial, while a new corporation to be known as the Spelman Fund of New York with an endowment of \$2,500,000 has been created to carry on the work heretofore done by the memorial in the advancement and diffusion of knowledge concerning child life, the improvement of inter-racial relations and cooperation with public agencies. The General Education Board is not included in the consolidation.

The Rockefeller Foundation, "to promote the well-being of mankind throughout the world" was established with a fund of \$100,000,000 contributed by Mr. John D. Rockefeller, who, in 1917, made a gift of an additional \$25,000,000. At various times since then Mr. Rockefeller has made other large gifts to the institution. The Laura Spelman Rockefeller Memorial, bearing the name of the late Mrs. John D. Rockefeller, was founded in 1918.

Dr. George E. Vincent, president of the Rockefeller Foundation, will be president of the consolidated organization.

Since the establishment of the Rockefeller Foundation, the General Education Board, the Laura Spelman Rockefeller Memorial and the International Education Board, their trustees have distributed from capital funds a total of \$225,000,000 not including appropriations from income.

The combined book value of capital funds of the new Rockefeller Foundation is given as \$214,282,546, of which \$35,000,000 is set aside to provide for outstanding appropriations and obligations. This leaves a net capital based on book values of \$158,000,000.

But while the book value of the stocks and bonds of the Foundation was set forth as having a value of \$98,811,080 and \$28,791,100, respectively, the market values of stocks are given as \$163,803,476, and of the bonds, \$29,773,747. The income for 1928 was \$9,175,550.

The book value of the stocks and bonds of the Laura Spelman Rockefeller Memorial are given as \$17,950,742 and \$38,332,806, respectively, the stocks having a market value of \$35,744,838, and bonds, \$44,519,189. The income for 1928 was \$4,693,609. The foundation has other assets amounting to \$30,055,408, and its land, buildings, equipment and supplies are valued at \$422,973. Other assets of the Memorial are \$8,843,986.

The directors and trustees of the new Rockefeller Foundation are James R. Angell, Trevor Arnett, John W. Davis, David L. Edsall, Simon Flexner, Raymond B. Fosdick, Jerome D. Greene, Ernest M. Hopkins, Charles P. Howland, Vernon Kellogg, John D. Rockefeller, Jr., William Allen White, Ray Lyman Wilbur, Arthur Woods, Owen D. Young, Julius Rosenwald,

Anson Phelps Stokes, Frederick Strauss, Augustus Trowbridge and George H. Whipple.

The officers are John D. Rockefeller, Jr., chairman of the board of trustees; Dr. George E. Vincent, president; Roger S. Greene, vice-president for the Far East; Selskar M. Gunn, vice-president for Europe; Edmund E. Day, director for the social sciences; Max Mason, director for natural sciences; Dr. Richard M. Pearce, director for medical sciences; Dr. Frederick F. Russell, director of the international health division; Norma S. Thompson, secretary; Louis Guerinneau Myers, treasurer, and George J. Beal, comptroller.

The officers of the board of the Spelman Fund are Arthur Woods, chairman; Beardsley Ruml, executive secretary; Revell McCallum, secretary, and Louis Guerinneau Myers, treasurer. Other members are Winthrop W. Aldrich, Cleveland E. Dodge, Raymond B. Fosdick and Thomas W. Lamont.

The officers of the General Education Board are Trevor Arnett, president; Charles R. Richards, director for industrial arts; William W. Brierley, secretary, and Louis Guerinneau Myers, treasurer. Other members of the board are James R. Angell, James H. Dillard, Raymond B. Fosdick, Jerome D. Greene, Charles P. Howland, John D. Rockefeller, Jr., Albert Shaw, Anson Phelps Stokes and Dr. George E. Vincent.

SCIENTIFIC NOTES AND NEWS

DR. OLIVER KAMM, head of the department of chemical research of Parke, Davis and Company, formerly professor of organic chemistry in the University of Illinois, has been awarded the prize of \$1,000 of the American Association for the Advancement of Science. The prize is awarded each year for a notable contribution to science presented at the annual meeting of the association and the associated scientific societies. Dr. Kamm's paper, presented before the section of chemistry, was entitled "Hormones from the Pituitary Glands."

THE Nichols medal of the New York section of the American Chemical Society, for "the research published during the current year which in the opinion of the jury is most original and stimulative to further research," has been awarded to Professor William Lloyd Evans, chairman of the department of chemistry of the Ohio State University, for his contributions to the chemistry of carbohydrates. The medal will be formally conferred upon Professor Evans at a national gathering of chemists in Rumford Hall, New York, on March 1, when he will deliver an address on "The Mechanism of Carbohydrate Oxidation."

THE council of the Physical Society of London has awarded the Duddell Memorial medal for 1928 to Dr. Charles Edouard Guillaume, director of the International Bureau of Weights and Measures at Sèvres, France, and winner of the Nobel prize in physics for 1920. The medal is awarded annually to the inventor of new scientific instruments or of discoveries of new materials used in their construction.

DR. J. RUSSELL SMITH, professor of economic geography at Columbia University, is the recipient of the medal of the Harmon Foundation awarded to the "author of an article of signal benefit in stimulating constructive opinion in social or economic fields." The award consists of a gold medal and \$500 in cash. The award to Dr. Smith was based on his article, "Plan or Perish," published in the *Survey Graphic* in July, 1927, in which he discussed the situation in the Mississippi Valley leading up to the flood disaster and offered a plan for the control of a great river at high water.

PROFESSOR FRANCIS H. HERRICK was given a dinner on December 1 commemorating the "fortieth year of his service to Western Reserve University and the fortieth anniversary of the establishment of the department of biology." Some one hundred of his colleagues joined in honoring him on this occasion and brief addresses were given by the president, Dr. Robert E. Vinson, representing the university; by Harold Clark, representing the Cleveland Museum of Natural History, and by Dr. Henry B. Ward, representing the biologists of the country. To these addresses Professor Herrick responded.

SENATOR BRUCE has introduced a bill in the United States Senate which would authorize Drs. William S. Thayer and William H. Welch, Baltimore, "to accept such decorations, orders and medals as have been tendered them by foreign governments." Dr. Welch and Dr. Thayer are members of the medical reserve corps of the army, and congressional authority is necessary before they can accept foreign decorations.

DR. WILLIAM D. COOLIDGE and Dr. Irving Langmuir have been appointed associate directors, and Dr. Albert W. Hull and Dr. Saul Dushman have been appointed assistant directors, of the Research Laboratory of the General Electric Company at Schenectady, New York.

MAJOR JAMES STEVENS SIMMONS, M. C., U. S. Army, formerly in charge of the bacteriological department and assistant director of laboratories at the Army Medical School, Washington, D. C., has been transferred to the Philippine Islands and appointed

president of the U. S. Army medical department research board, in the Bureau of Science, Manila, P. I.

AT the last meeting of the executive committee of the board of trustees of the Colorado Museum of Natural History, Denver, the following changes in the staff were made: Harold J. Cook, of Agate, Nebraska, who has been honorary curator of the department of paleontology, has been made active curator; Robert J. Niedrach, long associated with the museum in various capacities, has been placed in charge of the department of ornithology, and will proceed with preparation of the materials secured by the last two South American expeditions, soon to be placed on exhibition in the new South American wing.

NEW YORK UNIVERSITY has granted the request of The American Society of Mechanical Engineers that Major Carlos de Zafra, a member of the engineering faculty of the university, be given leave of absence for one year to devote full time to the direction of the *Engineering Index Service*. This service, operated without profit to the society, reviews approximately 1,700 technical publications in 17 languages from 37 countries and issues annotations in card index form. Over 42,000 index cards involving over 100,000 references in all branches of engineering were issued in 1928.

DR. ADOLF HOEL, of the University of Oslo, has accepted an invitation of the Italian government to join an official commission which will investigate the *Italia* tragedy of last summer. Captain Einar Lundborg, the Swedish aviator who reached General Nobile, also has been invited to testify at the Italian inquiry.

As already reported in *SCIENCE*, Dr. Irving Langmuir has been elected president of the American Chemical Society. Other officers elected were: director from the second district, Wilder D. Bancroft; director from the fifth district, Frank C. Whitmore; councillors at large, E. M. Billings, H. S. Taylor, E. R. Weidlein and M. C. Whitaker.

AT the meetings of the American Psychological Association held at Columbia University, New York City, on December 27, 28 and 29, the following elections were announced: President, Dr. K. S. Lashley, Institute for Juvenile Research, Chicago, Illinois; secretary, 1929-1931, Professor Carl C. Brigham, Princeton University; representatives on the division of anthropology and psychology, National Research Council, Professor Samuel W. Fernberger, University of Pennsylvania, and Professor Walter Miles, Stanford University; representative on the Social Science Research Council, Professor Floyd H. Allport, Syracuse University; representative on the council of the American Association for the Advancement of Sci-

ence, Dr. Walter V. Bingham, Personnel Research Federation, New York City, and Professor Robert M. Ogden, Cornell University. At the business meeting of the association it was voted to omit the usual annual meeting in December, 1929, and merge this with the meeting of the Ninth International Congress of Psychology to be held at Yale University in September under the presidency of Dr. J. McKeen Cattell. The presidential address of Dr. Lashley will be given at that time.

DR. HENRY CREW, professor of physics at Northwestern University, was elected president of the American Association of University Professors at the recent New York meeting. Professor H. C. Warren, of Princeton University, was elected vice-president to succeed Marion P. Whitney, of Vassar College. The following officers were reelected: Professor H. W. Tyler, of the Massachusetts Institute of Technology, *secretary*, and Professor Joseph Mayer, of Tufts College, *treasurer*. New members of the council were elected as follows: B. H. Bode, of the Ohio State University; A. L. Bondurant, of the University of Mississippi; M. T. Bogert, of Columbia University; H. S. Conard, of Grinnell College; H. G. Doyle, of George Washington University; P. O. Ray, of the University of California; F. K. Richtmyer, of Cornell University; Joseph Stebbins, of the University of Wisconsin; H. S. White, of Vassar College, and H. V. Wilson, of the University of North Carolina.

OFFICERS of the American Pharmaceutical Association have been elected as follows: *President*, H. A. B. Dunning, Baltimore, Maryland; *first vice-president*, A. L. I. Winne, Richmond, Virginia; *second vice-president*, W. B. Goodyear, Harrisburg, Pennsylvania. The next annual meeting of the association will be in Rapid City, South Dakota, from August 26 to 31.

PROFESSOR P. J. HANZLIK, professor of pharmacology at Stanford University, and Dr. H. G. Mehrtens, professor of neuro-psychiatry have received a grant of \$3,000 from the Committee on Research in Syphilis for their cooperative research on the treatment of syphilis. This work was further supported by a gift of \$1,000 received by Professor Mehrtens from Mrs. Anne Tallant Brodie.

WILLIAM S. MONROE, president of Sargent and Lundy, Inc., has been appointed to membership on the American Society of Mechanical Engineers Standardization Committee for the term 1928-1933. Mr. Monroe will take the place of A. M. Houser, whose term of membership has just expired.

DR. E. E. JUST, professor of zoology at Howard University, and Rosenwald Fellow of the American

Research Council, sailed on January 3 for Naples. While in Naples he will be the guest of the Prince of Monaco, conducting experiments in the Prince's private laboratory. He will also be associated with Dr. Doorn of the Naples Station. The special investigation which carries Dr. Just to Italy is the life cycle of the marine annelid *Platynereis dumerilii* which appears to be closely related to the species which Dr. Just has worked on at Woods Hole, Mass., for the past fifteen years.

E. R. SCHIERZ, associate professor of chemistry at the University of Wyoming, is on sabbatical leave for the school year 1928-29. During the first semester he is working in the laboratory of Geheimrat Heinrich Wieland, Munich, Germany, and during the second semester he expects to visit other laboratories on the Continent.

DR. JAMES H. BREASTED, professor of archeology and oriental history in the University of Chicago, has sailed for Egypt with the party of Mr. John D. Rockefeller, Jr.

COLONEL J. D. GRAHAM, representative of India on the health committee of the League of Nations and Office Internationale, Paris, public health commissioner with the government of India and secretary of the governing body of the Indian Research Fund Association, is visiting the United States as the guest of the Rockefeller Foundation.

PROFESSOR MARY SCOTT SKINKER, of the department of biology of the Pennsylvania College for Women, Pittsburgh, Pennsylvania, is on leave of absence for the academic year of 1928-29. During her absence Dr. Anna R. Whiting will substitute as head of the department and professor of biology.

L. B. ALDRICH left Washington on January 1 for the Smithsonian Observatory at Montezuma, Chile, for the purposes of inspection and of making certain improvements in the equipment there.

DR. N. B. DREYER, of the department of pharmacology, McGill University, who during the past few months has been in charge of the department of physiology of Dalhousie University, has returned to Montreal. Dr. Dreyer was granted a special leave of absence from McGill early in October, in order to direct the laboratories at Dalhousie until the arrival of the present departmental head, Dr. E. W. H. Cruikshank.

THE next course of Lane Medical lectures will be given in April by Professor Walther Straub, of Munich. Professor Straub has announced the following program: "Pharmacology of Heavy Metals," "Chemistry and Pharmacology of Digitalis and Its Derivatives" and "Recent Developments in Narcosis."

DR. L. H. GERMER, of the Bell Telephone Laboratories, New York, addressed the Sigma Pi Sigma Honor Fraternity and the North Carolina Physics Colloquium meeting at Duke University on December 7 on "Some Optical Experiments with Electrons."

DR. JOSEPH L. MILLER, donor of a rare collection of medical books to the Richmond Academy of Medicine, will speak on "Physicians of the Old South, their Character and Education" on founder's day at the Medical College of Virginia, on February 15. On the same occasion Dr. Charles R. Robins, professor of gynecology at the Medical College of Virginia, will read a paper on the beginnings in nursing education in the modern sense at the Medical College of Virginia.

DR. JOSEPH SAILER, professor of clinical medicine at the University of Pennsylvania, died on December 31, at the age of sixty-one years.

JOSEPH WILLARD LEGG, of the engineering staff of the Westinghouse Electric and Manufacturing Company, known for his work in oscillography, died in Wilkesburg, Pennsylvania, at the age of forty-one years.

A CORRESPONDENT writes: "Chester G. Van Buren, born at Orangeville, Utah, November 15, 1875, who spent three years 1900-03 collecting zoological specimens for the Brigham Young University in Colombia, South America, died in Chicago, December 18, 1928. Mr. Van Buren collected 1,200 birds, a few mammals, several thousand insects, mainly butterflies, and a most interesting collection of pottery and Indian relics. These specimens and two group studies of the life of the Magdalena River region with its micos, peccaries, coral snakes, tucans and ant-eaters remain as a reminder of Van Buren's love of nature."

At the eighth annual meeting of the Chicago Botany Alumni held in New York on the evening of December 27 there was presented to the University of Chicago \$25,000 to be known as the John M. Coulter Research Fellowship Fund. It was hoped that Professor Coulter, who died on December 24, would be present. The sum for the fellowship had resulted from the contributions of 130 doctors and 75 other alumni and past students of the department of botany over which Dr. Coulter had presided for so many years. The interest only of this fund is to be used for an annual pre-doctorate fellowship, tenable in any branch of plant science at the department of botany of the University of Chicago. The presentation was made by Professor R. B. Wylie, Iowa State University, and accepted on behalf of the University of Chi-

cago by Dr. Max Mason, of the Rockefeller Foundation, formerly president of the University of Chicago.

DEDICATORY exercises were held on December 5 for the new dispensary and outpatient department of the Johns Hopkins University School of Medicine, Baltimore. Dr. Frank J. Goodnow, president of the university; Dr. Henry S. Pritchett, of the Carnegie Corporation; Drs. Warfield T. Longcope, professor of medicine; Winford H. Smith, director of Johns Hopkins Hospital, and William H. Welch, professor of the history of medicine, were the speakers. The *Journal* of the American Medical Association recalls that the Carnegie Corporation in 1923 gave to the university \$2,000,000 for the erection and maintenance of the dispensary, which is a memorial to the friendship between Andrew Carnegie and Daniel Coit Gilman, first president of the university and of the hospital, who was chosen by Mr. Carnegie to be the first head of the Carnegie Institution of Washington. The building was completed some time ago at a cost of \$1,100,000; the remainder of the fund given has been set aside as endowment for maintenance. There are accommodations for the treatment of more than 1,200 persons daily, most of which will be free service for the poor. Special arrangements will be made, however, for persons of moderate means.

A COMMITTEE to serve as a clearing house between explorers and scientists has been appointed from the American Museum of Natural History, the Explorers' Club and the National Research Council, according to an announcement by the division of engineering and industrial research of the latter organization. The joint committee is the outgrowth of a dinner given recently by the Research Council at which members of the two other organizations were guests. At that time resolutions approving such a committee were adopted, and the appointments were made at the suggestion of Dr. Elmer A. Sperry, who appointed the members from the National Research Council. Dr. Sperry pointed out that much good could grow out of a closer cooperation between explorers and laboratory workers. The American Museum committee appointed by Dr. Henry Fairfield Osborn, includes Dr. Roy Chapman Andrews, Dr. Frank L. Chapman and Dr. Harold E. Anthony. The Explorers' Club committee, appointed by George G. Heye, president, includes Fitzhugh Green, George Palmer Putnam and Dr. Robert Cushman Murphy. The committee appointed by Dr. Elmer A. Sperry for the council includes Dr. E. E. Free, Dr. C. L. Reese and Maurice Holland. Dr. Osborn, Mr. Heye and Dr. Sperry will be *ex-officio* members of the joint committee.