

of Natural History, New York City (under the University of Pennsylvania Foundation).

Personal recollections and appreciation of his work as an anatomist: DR. GEORGE E. DE SCHWEINITZ, University of Pennsylvania.

Leidy's influence on medical science: DR. HOBART A. HARE, Jefferson Medical College.

SCIENTIFIC NOTES AND NEWS

As has been noted in SCIENCE, the University of Paris at its opening session on November 24, conferred its honorary doctorate on Dr. W. W. Keen, of Philadelphia. In medicine the degree was also conferred on Professor Camilo Golgi, of the University of Pavia. In the sciences the degree was conferred on Sir J. J. Thomson, of the University of Cambridge; Professor Svante Arrhenius, of the University of Stockholm, and Professor Torres y Quevedo, of the University of Madrid.

A BILL providing for an annual allowance of 40,000 francs for Madame Curie was presented to the French Parliament on November 23 by the minister of public instruction in connection with the coming celebration of the twenty-fifth anniversary of the discovery of radium.

THE honorary degree of doctor of laws was conferred on Dr. J. G. Adami, vice-chancellor of the University of Liverpool, on the occasion of the installation of Lord Crawford and Balcarres, as chancellor of the University of Manchester.

A BANQUET in honor of Drs. Banting, Best and Macleod was given by the University of Toronto at Hart House, on November 26.

THE Swedish Academy of Engineering Science has awarded its gold medal to the engineers, MM. Holmstrom and Malmberg, the inventors of a contrivance called a carbometer, by means of which it is claimed to be possible to tell at any moment in the manufacture of steel the exact carbon percentage in the mass of metal.

SIR FRANK DYSON has been appointed to represent the International Astronomical Union on the International Research Council.

M. J. BRETON, member of the institute and director of the national bureau of scientific and industrial research and inventions, succeeds the late M. Violle as president of the French Commission Supérieure des Inventions.

DR. CHARLES K. MILLS, of Philadelphia, has been elected president of the American Neurological Association for the ensuing year in succession to Dr. Harvey Cushing, of the Harvard Medical School.

S. H. McCrory, chief of the division of agricultural

engineering of the U. S. Department of Agriculture, has been elected president of the American Society of Agricultural Engineers.

DR. WARREN FRED FARAGHER has been appointed an assistant director of Mellon Institute of Industrial Research of the University of Pittsburgh. Dr. Faragher, who went to the institute in 1918 and is now in supervisory charge of its scientific investigations in petroleum technology, will begin his new work on December 1. Dr. W. A. Gruse will succeed him in his present position.

C. C. CONCANNON, chief of the Chemical Division of the Department of Commerce, returned on the S. S. "America" November 10, having been abroad for six months.

PROFESSOR JOHN L. WEBER, of Cornell University, has taken a position in the Department of Conservation and Development of the State of New Jersey.

E. R. ALEXANDER, at one time with the research and biological laboratory of E. R. Squibb, is the president of the Alexander Laboratories, just incorporated, in Kansas City, Mo. It expects to feature a product to prevent clouding of glass with moisture.

W. H. DINES retired last year from active supervision of the work on investigations of the upper air carried on at the observatory that he had established at Benson in Oxfordshire. It is now announced that the work will be transferred to the Kew Observatory.

DRS. R. NORRIS SHREVE, W. Schmidtman and W. P. TenEyck have organized the Ammonite Company in New York for the manufacture of ammonium salts.

DR. ASHUR SHUPP, head fellow of the National Laundrymen's Association research at the Mellon Institute, has recently assumed technical charge of all of the laundries in Joliet, Illinois, under the auspices of the American Laundrymen's Association. The city laundries will constitute an experimental laboratory for the study of the laundry problem of the average city.

THE Chemical Society of Washington has elected the following officers for the ensuing year: *President*, R. S. McBride, assistant editor of *Chemical and Metallurgical Engineering*; *secretary*, J. B. Reed, Bureau of Chemistry; *treasurer*, H. W. Houghton, Hygienic Laboratory. *Counselors*, R. B. Sossman, W. Mansfield Clark, Atherton Seidell and W. W. Skinner. The remaining members of the local executive committee will be L. H. Adams, William Blum, D. K. Chestnut, C. S. Lind, F. W. Smither and E. T. Wherry.

W. D. BIGELOW, director of the National Canners' Association Laboratory, Washington, will be general chairman of the American Chemical Society convention committee for the spring meeting April 21 to 25,

1924, in Washington. W. M. Clark, of the Hygienic Laboratory, is vice-chairman. The subcommittee chairmen, who make up the general convention committee, are as follows: Atherton Seidell, finance; L. I. Shaw, registration; H. E. Howe, publicity; H. C. Fuller, hotels and transportation; R. S. McBride, entertainment; Guy Clinton, meeting rooms; L. H. Adams, excursions, and Mrs. H. E. Howe, ladies.

THE University of Alberta has received a grant of \$10,000 from the Carnegie Foundation for research work by Dr. J. B. Collip, who was associated with Dr. F. G. Banting in the discovery of insulin.

PROFESSOR K. T. COMPTON, of Princeton University, addressed the New York Section of the American Chemical Society at Schenectady on November 23 on the subject, "Distribution of Mass and Charge in Molecules." The following day he spoke on "Catalytic Action of Excited Molecules" before the Colloquium of the General Electric Company.

TREAT B. JOHNSON, professor of organic chemistry in Yale University, gave a lecture on November 10 before the Chemistry Club of Mt. Holyoke College on "The chemistry of animal and plant cells."

DR. W. D. HARKINS, professor of physical chemistry at the University of Chicago, was the speaker at the opening meeting of the Purdue Section of the American Chemical Society on October 11. His subject was "The Building and Disintegration of Atoms, and the Photography of Atomic Collisions."

SIR OLIVER LODGE delivered the presidential address to the Röntgen Society on November 6 at a meeting held in the Institution of Electrical Engineers. The subject was "X-rays and the atom."

DR. ALEŠ HRDLÍČKA, curator of the division of physical anthropology of the U. S. National Museum, gave an address before the Washington Academy of Sciences on October 19 on "Ancient Man in Europe."

DR. CHARLES K. CLARKE, medical director of the Canadian National Committee for Mental Hygiene, delivered the Maudsley lecture on "Psychiatry," recently, in London.

THE subjects discussed at the tenth French Congress on Hygiene, which convened at Paris on October 22, were "Hygiene in Transportation," "Bacteria from the Point of View of Biologic Purification," "Surveillance of Sources of Drinking Water" and "Garbage."

PARTS of the original chemical apparatus used by Louis Pasteur, in his experiments, are now at the University of Pennsylvania. They were brought to this country by Dr. John Frazer, dean of the Towne Scientific School, who recently returned from France, where he spent a year as exchange professor from six American universities. Through him the apparatus

has been divided among the universities associated with Pennsylvania in the exchange of professorships of applied science between American and French universities.

THE memorial to the late Professor Sir German Sims Woodhead at the Cambridgeshire Tuberculosis Colony, Papworth Hall, consists of a new pathological laboratory and X-ray department. It was opened on November 22 by the Hon. Sir Arthur Stanley.

ALBERT REID LEDOUX, a past president of the American Institute of Mining and Metallurgical Engineers, died at Cornwall-on-Hudson, N. Y., October 25, in his seventy-first year.

DR. JAMES R. McDOWELL, sixty-three years old, son-in-law and partner of the late John A. Brashear, maker of astronomical instruments, ended his life in his laboratory workshop on November 30.

THE Board of Trustees and the Corporation of the Marine Biological Laboratory at Woods Hole have passed the following minute:

D. Blakely Hoar, treasurer of the Marine Biological Laboratory, died in Boston, March 8, 1923. Mr. Hoar first came into the office of treasurer in October, 1899, and served the laboratory in this capacity for almost twenty-four years. He began his duties during a very trying period in which the laboratory was reorganized, and under circumstances that must have been for him often little short of embarrassing. But he was not a man to be put down by such conditions, and from the beginning to the end of his term of service he gave to the affairs of the laboratory untiring interest and unswerving support. In the days of small things he exerted every effort to conserve our resources, and to make clear to many of us, who from our scientific bias may have thought otherwise, the wisdom of his course. He often expressed himself with earnest passion, yet always with a saving sense of humor and a generous patience. In him the laboratory loses a devoted and a loyal servant, and many of its members a valued friend.

THE honorary presidency of the Gorgas Memorial Institute of Tropical and Preventive Medicine has been accepted by President Coolidge, in a letter which was read before a meeting of the board of directors of the organization at the Pan-American Union Building, Washington, D. C., on November 13. The President's letter said in part:

The organization stands for a world movement to bring the lands and climates of the tropical world into their fullest productivity and service to humanity. This is certain to be one of the great problems of the coming generations, increasingly insistent as the population of the temperate zones shall increase. One of the great accomplishments of the last half century has been the development of sanitary and medical procedures by which the tropics have been made available for the habitation of peoples acclimated to the temperate areas. General Gorgas will always be remembered as foremost among

those who have labored intelligently and effectively in this cause, and I am glad to be associated with an organization which proposes to project that great service into the future.

The Gorgas Memorial Institute which will be established at Panama City will have an endowment fund of \$5,000,000 raised by popular subscription.

THE Federation of American Societies of Experimental Biology will meet at St. Louis from December 27 to 29.

THE International Union of Physics, which includes representatives from France, Belgium, Denmark, Japan, Poland and the United States, will hold its first general assembly at Paris from December 28 to 31.

AN exposition organized in celebration of the fiftieth anniversary of the French Physical Society will be held in Paris during the first weeks of December.

WE learn from the *Journal* of the American Medical Association that a group of northern Ohio residents have organized to establish a model health community and nerve rehabilitation center near Cleveland. The charter, which has been taken out under the name of the Psychiatric Foundation of the Western Reserve, will be on the order of the MacLean Institute, Boston; the Friends Hospital, Philadelphia, and the Sheppard and Pratt Hospital, near Baltimore. It is designed as a rest colony and research center. Laboratory equipment will be installed for the investigation of all phases of practical psychology, and the cause and treatment of nervous and mental ailments. The staff will comprise an experienced psychiatrist and a corps of physicians, nurses and aids. The institution will be heavily endowed and will be operated on a cost basis.

WE learn from *Nature* that Professor J. J. R. Macleod, professor of physiology in the University of Toronto, who was recently awarded the Cameron prize for 1923, delivered two lectures in the University of Edinburgh on October 16 and 17, respectively, on the nature of control of the metabolism of carbohydrates in the animal body. He dealt with the discovery of insulin and its value in the investigation, not only of diabetes, but also of other problems of metabolism. The Cameron prize was founded in 1878, and is awarded to an investigator who in the course of the five years immediately preceding has made an important addition to practical therapeutics.

THE Mayo Foundation, in cooperation with the local chapter of Sigma Xi and the universities of Wisconsin, Minnesota and Nebraska, and Washington University (St. Louis), has arranged a course of lectures to be given this autumn and winter on various phases of heredity. The first lecture was given Octo-

ber 29 at the University of Wisconsin by William Ernest Castle, professor of zoology at Harvard University, Boston, on "Heredity—the general problem and its historical setting." Professor Castle delivered the same lecture at Rochester on October 30, at Minneapolis on October 31, at Omaha on November 1, and at St. Louis on November 2. Other lectures were as follows: November 6, Professor John A. Detlefsen, Sc.D., of the Wistar Institute, Philadelphia, "The inheritance of acquired characteristics"; November 19, Miss Maud Slye, University of Chicago, "Heredity in relation to cancer," and December 4, Professor Harry Gideon Wells, University of Chicago, "Human cancer from the standpoint of heredity."

ARRANGEMENTS are being made for a series of "symposia" at Harvard—meetings at which two or three members of the Harvard Faculty will discuss one scientific subject from different points of view. The first of these symposia was held on November 6. The subject was "The origin of life." The speakers and their topics were: (a) "Life throughout the universe," Harlow Shapley, Paine professor of practical astronomy and director of the Harvard College Observatory; (b) "Early phases of terrestrial life," Edward C. Jeffrey, professor of plant morphology; (c) "Life and spirit," Kirsopp Lake, Winn professor of ecclesiastical history. Early in December the second symposium will be held. The general title will be "Sound," and it is expected that the speakers will be Associate Professor Frederick A. Saunders, of the department of physics; Archibald T. Davison, associate professor of music, college organist and choir master; and Professor George H. Parker, of the department of zoology and director of the zoological laboratory.

THE Special Board for Biology and Geology of the University of Cambridge have recommended that £100 per annum of the Worts Traveling Bachelors Fund should be subscribed to the Zoological Station at Naples. During the war and for some time afterwards the station passed under the control of the Italians, who appointed Professor Monticelli as president; but it has now reverted to the management of Dr. Rinehardt Dohrn, son of the founder of the station, who is now director, and is assisted by a committee thoroughly representative of Italian science and Italian affairs. The connection of Cambridge with the Naples laboratory has lasted unbroken for half a century.

EDUCATIONAL AND UNIVERSITY NOTES

CORNELL University announces the receipt of a gift of \$200,000 from an anonymous donor for the purpose of establishing an endowment fund, the pro-