

Fellow to Assistant

Mr. Philip R. Averell.

Dr. Rene J. Dubos.

RESIGNATIONS:

Dr. Jacob J. Bronfenbrenner has accepted appointment as professor and head of the department of bacteriology and immunology at Washington University Medical School.

Dr. E. V. Cowdry has accepted appointment as professor of cytology in the department of anatomy of Washington University Medical School.

Dr. Fred W. Stewart has accepted appointment as assistant pathologist at the Memorial Hospital, and associate in pathology at Cornell University Medical School, New York City.

Dr. Clifford L. Derick has accepted appointment as assistant professor of medicine at the Harvard Medical School and physician to the Peter Bent Brigham Hospital.

SCIENTIFIC NOTES AND NEWS

MATTHEW W. STIRLING, of Berkeley, California, ethnologist and explorer, has been appointed chief of the U. S. Bureau of American Ethnology under the Smithsonian Institution, to succeed Dr. J. Walter Fewkes, who retired from active administrative duties last January.

SIR ERNEST RUTHERFORD, Cambridge, and M. Jean Perrin, professor of physical chemistry at the Sorbonne, have been elected associates of the Royal Academy of Belgium.

DR. HENRI DESLANDRES, director of the observatory of Paris and Meudon, has had conferred upon him an honorary doctorate of mathematics and physics by the University of Leyden.

THE degree of doctor of science has been awarded by the University of Cambridge to F. J. W. Whipple, superintendent of the Kew Observatory and assistant director of the Meteorological Office, England.

DR. JOHN R. MOHLER, chief of the U. S. Bureau of Animal Industry, received the honorary degree of doctor of science on June 2 from the University of Maryland.

At the commencement of the University of Pittsburgh the degree of Sc.D. was conferred upon B. Preston Clark, of Boston, in recognition of his work upon the *Sphingidae* of the world. On the same occasion, Dr. W. J. Holland, in recognition of his approaching eightieth birthday and the fact that for forty years he has been a trustee of the university, during ten of which he was its chancellor, was given the honorary degree of L.H.D.

THE honorary degree of doctor of science has been conferred by the University of Pennsylvania upon Dr. James M. Anders, professor of medicine in the uni-

versity graduate school of medicine; and on Dr. Milton J. Greenman, director of the Wistar Institute of Anatomy and Biology.

AMONG those receiving honorary degrees from the University of Washington on June 18 were Dr. Fay Cooper Cole, professor of anthropology at the University of Chicago, and Dr. and Mrs. George Diek, of the McCormick Institute of Infectious Diseases, Chicago.

THE honorary degree of doctor of science was conferred upon Samuel Robinson Williams, professor of physics at Amherst College, at the commencement exercises of Grinnell College on June 5.

At commencement on June 11 De Pauw University conferred the honorary degree of doctor of science upon two brothers, Professor O. M. Stewart, head of the department of physics at the University of Missouri, and Professor G. W. Stewart, head of the department of physics at the University of Iowa.

THE honorary degree of doctor of science was conferred upon Dr. Reinhardt Thiessen, research chemist and microscopist of the U. S. Bureau of Mines at Pittsburgh, at the annual commencement exercises of Lawrence College, Appleton, Wis., on June 11.

AMONG those receiving honorary degrees at the 160th annual commencement exercises at Brown University on June 18 were George H. Sherwood, curator of the American Museum of Natural History, and Dr. Harvey N. Davis, president-elect of Stevens Institute of Technology.

DR. EDWARD B. MATHEWS, professor of geology at the Johns Hopkins University, received the honorary degree of doctor of science from Colgate University on June 19.

E. A. REEVES, map curator and instructor in practical astronomy and surveying to the Royal Geographical Society, has been awarded the society's Victoria medal. The medal is given occasionally for purely scientific attainments, the last award being in 1927, to Sir Charles Close.

WE learn from *Nature* that the council of the Royal Society of Edinburgh has awarded the Keith prize for the period 1925-27 to be divided equally between Professor T. J. Jehu and R. M. Craig for the joint series of papers which have recently appeared in the publications of the society on the geology of the Outer Hebrides, and the Neill prize (1925-27) to Professor Arthur Robinson, professor of anatomy in the University of Edinburgh, for his contributions to comparative anatomy and embryology. The Bruce prize for the period 1926-28 has been awarded to Professor Dr. H. U. Sverdrup, of the Geophysical Institute,

Bergen, for his contributions to the knowledge of the meteorology, magnetism and tides of the Arctic.

At the commencement exercises on June 9, of the University of Illinois, College of Medicine, Dr. Edward A. Boyden, associate professor of anatomy, was awarded the Beaumont memorial prize of \$100 in recognition of his research on physiology of the gall-bladder. This prize is the income from a fund donated by Dr. Frank Smithies in 1925.

THE secretary of state has appointed Dr. Aleš Hrdlička, of the U. S. National Museum, a member of the cooperating committee on the part of the United States to the Seventh American Scientific Congress, to be held at San José, Costa Rica, in 1929.

DR. G. W. THOMPSON, of Brooklyn, has been elected president of the American Society for Testing Materials, to succeed Professor H. F. Moore, of the University of Illinois. K. G. McKenzie, of New York City, was elected vice-president.

NILS A. OLSEN has been appointed chief of the U. S. Bureau of Agricultural Economics. Mr. Olsen has been assistant chief of the bureau in charge of research since May, 1925, and takes the position made vacant by the resignation of Lloyd S. Tenny, who has been appointed to an executive position with the Associated California Fruit Industries, Inc.

ALDO LEOPOLD, associate director of the U. S. Forest Products Laboratory at Madison, Wis., will leave the laboratory July 1 to engage in private work as consulting forester, specializing in game management.

DR. ROE E. REMINGTON, formerly associate professor of biological chemistry at the North Dakota Agricultural College and for the past year Shevlin fellow in medicine at the University of Minnesota, has been appointed director of the food research laboratory of the Medical College of South Carolina at Charleston. At its last session the general assembly of South Carolina provided funds for a study of the nutritive value of foodstuffs produced in the state. The immediate problem to be taken up is the distribution of iodine in foodstuffs and waters of South Carolina.

DR. C. G. ABBOT, secretary of the Smithsonian Institution, left on June 29 for Mount Wilson to continue work on the stellar energy spectra. He expects to return about the middle of September.

DR. MELVILLE HERSKOVITS, associate professor of anthropology at Northwestern University, and Dr. Morton Kahn, assistant professor of public health and preventive medicine at the Cornell University Medical College, will spend this summer in making a

study among the Djuka, or bush Negroes, of Dutch Guiana.

SABBATIC leave for the academic year 1928-29 has been granted to the following members of the faculty of the Kansas State Agricultural College: Assistant Professor E. S. Lyons, agronomy; Professor Mary T. Harman, zoology; Associate Professor Joseph P. Scott, animal pathology, and Professor Floyd Pattison, mechanical engineering.

ERNEST L. WALKER, professor of tropical medicine at the University of California Medical School, recently returned from a fourteen months' stay in Honolulu, where he carried on investigations as to the cause of leprosy, at the invitation of the U. S. Public Health Service.

PROFESSOR D. H. WENRICH, of the department of zoology at the University of Pennsylvania, has been granted a year's leave of absence for study and research and will spend the academic year, 1928-29, at the University of California, as the guest of the department of zoology at Berkeley.

PROFESSOR R. RUGGLES GATES, of the University of London, sailed on June 23 for Canada on a botanical and anthropological expedition down the Mackenzie River. Facilities are being furnished by the Hudson's Bay Company. He is taking a cinema film camera, and is accompanied by K. Mellanby, a young botanist at Cambridge.

THE Soviet Geographic Society is sending an expedition to Central Asia, under the leadership of the explorer, P. K. Kozloff. The expedition is to last three years and will be devoted to the exploration of the Tibet plateau and the sources of the Yangtze Kiang.

THE Oxford University expedition, under the leadership of Dr. T. G. Longstaff, left on June 1 in the steamer *Gertrude Kask* for Godthaab, on the west coast of Greenland, to carry out research work there.

DR. GULBRAND LUNDE, of the University of Oslo, is leaving the United States the latter part of July. On July 24 he will address the Institute of Chemistry of the American Chemical Society on "The Geochemistry and Circulation of Iodine in Nature."

PROFESSOR JOHN DEWEY, of Columbia University, has been appointed by the University of Edinburgh to give the Gifford lectures in April and May of 1929.

DR. J. C. McLENNAN, professor of physics in the University of Toronto, delivered the Bakerian lecture before the Royal Society on June 28 on the subject, "The Aurora and its Spectrum."

DR. MICHAEL I. PUPIN, professor of electrochemistry in Columbia University, gave the commencement address at Middlebury College, Vt., on June 18, when the college conferred on him the honorary degree of doctor of laws.

EXERCISES for the dedication of a tablet in memory of the late Professor Joseph Baker Davis were held on May 10 in the engineering quadrangle at Oberlin College.

DR. MYLES STANDISH, Williams professor emeritus of ophthalmology at the Harvard Medical School, died on June 26, aged seventy-seven years.

THE U. S. Civil Service Commission announces an open competitive examination for assistant pathologist (vegetable diseases), applications for which must be on file with the Civil Service Commission at Washington, D. C., not later than August 1. The examination is to fill a vacancy in the Bureau of Plant Industry, Department of Agriculture, Washington, D. C., and vacancies occurring in positions requiring similar qualifications. The entrance salary ranges from \$2,600 to \$3,100 a year.

THE program for the international conference arranged by the British Empire Cancer Campaign was issued recently. The conference will be held at the house of the Royal Society of Medicine in London and will extend from July 16 to July 22. Among the subjects to be discussed are the relative values of surgery and radiation in the treatment of cancer in various sites, the etiology of cancer, occupational cancer, geographical and racial prevalence of cancer and public action in regard to cancer.

ACCORDING to the *British Medical Journal* the Rockefeller Foundation has made an offer to the Government of India of the sum of £100,000 to build and equip an All-India School of Hygiene, opposite the Calcutta School of Tropical Medicine, on condition that the Government of India becomes responsible for the staff, and that the Indian Research Fund Association, which controls the medical research work in India, becomes the governing body. This will allow the present hygiene section of the Calcutta School of Tropical Medicine to be used for the much-needed expansion of that institution.

THE Soviet government of Russia has established an Institute for Textile Research which will utilize laboratories in Russian colleges and later will establish special experiment stations. The activities of the Institute will be directed along the following channels: A study of the different fibers now existing in the U. S. S. R., their physical, chemical and technological properties; the coordination of the methods

of treating these fibers; standardization of raw materials, and research work for the discovery of new fibers; the perfecting of the mechanical and chemical processes now employed by the Soviet textile industry with a view of lowering cost prices, and a study of the different phases of production.

A GROUP of engineers representing the national engineering societies sailed on the steamship *Lapland* on June 23 for Antwerp to take part on July 4 in the dedication of the American Engineers' Memorial at the University of Louvain. The memorial, a clock and carillon costing \$80,000, was presented to Louvain by the Engineering Foundation as the tribute of the engineers of America to their fellow engineers who died during the World War. About 100 American engineers will attend the ceremonies, which are to be carried out in connection with the dedication of the new Louvain Library Building, destroyed during the German invasion of Belgium and restored by American benefactions. Another event of the celebration will be the unveiling of a bronze bust of Secretary Herbert Hoover, which is to be placed in the new Library Building.

GROUND was broken on June 23 on Swarthmore College campus for the research laboratory about to be built for the Bartol Research Foundation of the Franklin Institute. The site adjoins that of the engineering buildings. Those participating were Dr. Howard McClenahan, secretary of the Franklin Institute; Dr. W. F. G. Swann, director of the Bartol Research Foundation; Dr. Frank Aydelotte, president of Swarthmore College; C. C. Tutwiler, vice-president of Franklin Institute and chairman of its committee on the foundation, and John T. Windrim, architect for the new structure.

ACCORDING to the *Journal* of the Washington Academy of Sciences, the offer of the Smithsonian Institution to take over and maintain the mycological collection of the late C. G. Lloyd, of Cincinnati, which had been without a curator since the death of the founder in 1926, has been accepted by the trustees of the Lloyd Library and Museum, and the collection has been moved to Washington and is now in process of installation. This outstanding collection of the larger fungi, gathered together during the lifetime of Curtis Gates Lloyd, contains a number of specimens variously estimated at 50,000 to 100,000, nearly 10,000 negatives of fungus subjects, hundreds of photographic prints, half-tones of all the illustrations issued in Mr. Lloyd's numerous publications, voluminous correspondence with practically all the mycologists of the world active during his lifetime, many note-books and a great mass of manuscript records

pertaining to the specimens. The collection will be maintained as a separate unit by the Office of Mycology and Disease Survey, in the Bureau of Plant Industry, under the immediate supervision of a custodian to be named by the Smithsonian Institution. It will be housed in steel herbarium cases and in a fireproof building.

THE Museum of Comparative Zoology at Cambridge has acquired the large private collection of Diptera amassed during the past thirty years by Mr. C. W. Johnson.

A 300-ACRE public arboretum in which all plants, shrubs and trees which grow in the climate will be planted will be established on the Moneypenny Farm in Yonkers, according to an announcement made by Dr. Frederick J. Pope, secretary of the William Boyce Thompson Institute for Plant Research in Yonkers. The arboretum will be open to the public and laid out on plans similar to the Arnold Arboretum in Boston.

THE new Rose Garden of the Brooklyn Botanic Garden was opened to the public for the first time on Sunday afternoon, June 24. Hereafter the garden will be open to the public every afternoon except Sundays and holidays. This garden was made possible by a contribution of \$15,000 from Mr. and Mrs. Walter V. Cranford, and the planting has been arranged from the educational as well as artistic point of view. The older horticultural varieties are placed at the north end of the garden, proceeding thence with the newer varieties in progression to the latest introductions at the south end. The border plantings represent the species of the genus *Rosa*. The planting also includes a representation of roses used for various economic purposes and roses of historical interest.

BEQUESTS made by the late Frederick Bruce, of New York, include \$25,000 each to the American Society for the Control of Cancer and the Memorial Hospital, New York, and \$10,000 to the Johns Hopkins University.

OXFORD UNIVERSITY has received from Dr. J. E. Crombie a gift of £500 towards the cost of the seismological room in the university observatory.

A GIFT of \$500,000 has been made by Max Adler, of Chicago, for a planetarium on an island off Chicago's lake front near the Field Museum.

ACCORDING to the census of 1926 the population of the Union of the Soviet Republics is 145 million as compared with only 104 million in 1897, so that in spite of the war, famine and epidemics the population has increased by 40 per cent. in the last thirty years. During this period the number of urban dwellers has increased twofold, while the increase in the rural population has been only 30 per cent.

THE government's plans for geodetic operations for the season of 1928, including cooperation with Canada in attaining a single system of leveling for the two countries and with the Carnegie Institution of Washington in studies of earthquake disturbances, were outlined on June 1 by the director of the Coast and Geodetic Survey, E. Lester Jones. The activities described relate to all the 48 states. The work includes not only triangulation and leveling but also astronomical studies for determination of latitudes and longitudes.

UNIVERSITY AND EDUCATIONAL NOTES

GIFTS of \$365,000 were announced at the commencement exercises of Wellesley College, including \$75,000 from friends of Dr. Emilie Jones Barker, for a chair of physics.

PRESIDENT ERNEST M. HOPKINS on June 16 announced the promise of two gifts totaling \$1,500,000 to Dartmouth College for developing the honors courses, recently introduced into the curriculum.

THE legislature of New Brunswick has appropriated \$200,000 for the erection of a building at the University of New Brunswick in which will be housed a forest school, a department of geology and a library.

DR. EDWARD W. KOCH has been made acting dean of the University of Buffalo School of Medicine. Dr. Koch has been secretary of the medical faculty and head of the department of pharmacology for several years.

DR. E. J. CAREY has resigned as acting dean of the Marquette University School of Medicine, but will retain the directorship of the department of anatomy.

HARRY ISLER LANE, of Cornell University, has been appointed acting head of the department of mathematics at the University of South Dakota.

DR. RUDGER H. WALKER, assistant professor of agronomy at the Colorado Agricultural College, has been appointed assistant chief in soil bacteriology for the Iowa State College at Ames.

HENRY E. STARR, of the University of Pennsylvania, has been appointed professor of psychology at Rutgers University.

AT the University of Buffalo, Dr. Carleton F. Scofield, of Yale University, has been appointed assistant professor of psychology, and Dr. Arthur H. Copeland, assistant professor of mathematics.

DR. VICTOR T. ALLEN, assistant professor of geology in the University of California, has been appointed assistant professor of geology at St. Louis University.