

from all parts of the world, the committee requested the director, Dr. Stephen P. Duggan, to undertake the negotiations between the committee and the French university administration. The French administration responded cordially to the offer for the annual exchange of a professor. The French have selected, for their first representative, Professor J. Cavalier, rector of the University of Toulouse, a well-known authority on metallurgical chemistry, to come to America this fall, and to divide his time during the ensuing academic year, among the seven cooperating institutions, namely, Columbia, Cornell, Harvard, Johns Hopkins, the Massachusetts Institute of Technology, Pennsylvania and Yale.

The American universities have selected as their outgoing representative for the same first year (1921-22), Dr. A. E. Kennelly, professor of electrical engineering at Harvard University and the Massachusetts Institute of Technology.

GRANTS FROM THE BACHE FUND

GRANTS from the Bache Fund of the National Academy of Sciences have been made as follows:

\$500 to C. H. Warren, Massachusetts Institute of Technology, to defray the expense of chemical analysis in the study of igneous rocks from Massachusetts.

\$500 to Waldemar Lindgren, Massachusetts Institute of Technology, for chemical analyses of samples used in a study of additions and losses that limestones from Bingham, Utah, have suffered in contact metamorphism.

\$500 to T. H. Goodspeed, University of California, for photographic records and illustration, over a period of three years, for a study of *Nicotiana* in respect of Mendelian inheritance, of quantitative inheritance, of inheritance of inter-specific hybrids, and of the nature of bud variation.

\$1,000 to Frank P. Underhill and Lafayette B. Mendel, Yale University, for investigations on deficiencies in nutrition.

\$500 to Gilbert N. Lewis, University of

California, for the computation of chemical constants.

\$300 to H. W. Norris, Grinnell College, Iowa, for the investigation of the nervous system of the Elasmobranch fishes, and for the study of the Ganoid fishes.

\$750 to Preston Edwards, Johns Hopkins University, for investigations in acoustics.

SCIENTIFIC NOTES AND NEWS

MME. CURIE, accompanied by her two daughters, arrived in New York City on May 11. Last week she visited Smith, Mt. Holyoke and Vassar Colleges. According to the program that has been arranged, she is given this week a luncheon by the chemists of New York City, a welcome by the American Association of University Women, and a reception at the American Museum of Natural History. On Friday President Harding presents her with a gram of radium on behalf of the women of America.

DEAN ALBERT R. MANN, of the New York State Agricultural College at Cornell University, has been appointed head of the New York State Agricultural Department by the reorganized Council of Farms and Markets. There were three candidates—Raymond R. Pearson and George E. Hogue, who have each held the office, and Dean Mann.

DR. R. W. THATCHER, dean of the department of agriculture and director of the agricultural experiment station of the University of Minnesota for the past four years, has resigned in order to accept the appointment as director of the New York State Agricultural Experiment Station at Geneva, N. Y., effective on July 1. Dr. W. H. Jordan, who completes twenty-five years of service as director of the station at Geneva on June 30, retires on that date.

DR. W. J. MAYO and Dr. C. H. Mayo have recently received notification that honorary fellowships in the Royal College of Surgeons of Ireland will be conferred upon them as soon as they can attend the ceremony which will be held in the College Hall.

DR. THEODORE HOUGH, dean of the medical

department of the University of Virginia, has been elected president of the Association of American Medical Colleges.

DR. HARRY P. BROWN, of the New York State College of Forestry, has declined the position of wood technologist at the Imperial Forest Research Institute, Dehra Dun, United Provinces, India, offered to him by the Secretary of State for India.

SIR WILMOT HERRINGHAM, chairman of the Committee on Medical Education of the University Grants Committee, and Sir Walter Morley Fletcher, secretary of the Medical Research Council of London, guests of the Rockefeller Foundation, visited the Mayo Foundation and the Mayo Clinic on April 26 and 27.

ARNOLD WILLIAM REINOLD, F.R.S., for thirty-five years professor of physics at the Royal Naval College, Greenwich, died on June 19, aged seventy-eight years.

DR. JAMES LAW, director emeritus of the New York State Veterinary College, Cornell University, died in Springfield, Mass., on May 11, aged eighty-three years.

DR. MICHAEL IDVORSKY PUPIN, professor of electro-mechanics at Columbia University, addressed the meeting of the Columbia Chapter of Sigma Xi on May 4. He spoke on "Progress in physics in the last decade." This was the first of a series of annual lectures on "The Progress of Science."

DR. T. WINGATE TODD, Payne professor of anatomy in the Medical School of Western Reserve University, will deliver in June five special lectures at the University of Ghent, Belgium, on "The growth and metamorphosis of the skeleton." The lectures are supported by the Hoover Foundation provided by the funds remaining after the Commission for the Relief of Belgium had finished its activities.

PROFESSOR ALBERT EINSTEIN, who delivered a series of five lectures on the theory of relativity at Princeton University during the week beginning on May 9, has arranged with the Princeton University Press for their publica-

tion in book form. This will be the only authorized publication of the lectures he will give during his present visit to the United States.

THE last issue of the *Journal* of the Elisha Mitchell Scientific Society carries an appreciation of the work of Dr. J. J. Wolfe (Harvard), late professor of biology of Trinity College, Durham, N. C. The Biological Club of this institution is raising funds and collecting books for a memorial library.

UNIVERSITY AND EDUCATIONAL NEWS

THE West Virginia legislature has appropriated for the University of West Virginia \$400,000 for a chemistry building; \$300,000 for a gymnasium and \$100,000 to complete the law building.

THE will of Mrs. William L. McLean, wife of the publisher of the Philadelphia *Evening Bulletin*, leaves \$100,000 to Princeton University in memory of her son Warden McLean, of the class of 1912, who was killed in the war.

THE inauguration of Dr. Ernest Fox Nichols as president of the Massachusetts Institute of Technology will take place on June 8. Addresses will be made by Governor Cox, Dr. Elihu Thomson, President A. Lawrence Lowell and Professor H. P. Talbot, followed by the inaugural address of Dr. Nichols.

DR. JOHN HOWLAND, professor of pediatrics at the Johns Hopkins Medical School, director of the Harriet Lane Home and pediatrician in chief of the Johns Hopkins Hospital, has been offered the professorship of children's diseases in the Medical School of Harvard University.

DISCUSSION AND CORRESPONDENCE

EFFECT OF DORMANT LIME SULFUR UPON THE CONTROL OF APPLE BLOTCH

DURING the progress of investigations on apple blotch (*Phyllosticta solitaria* E. & E.) new and noteworthy facts concerning this important disease are gradually coming to light.