

time to the investigation of the preparation and properties of germanium and its compounds.

To Professor Frank L. Fairbanks, '10, \$500 for the purpose of developing and completing a traction dynamometer.

To Professor Simon H. Gage, '77, and Pierre A. Fish, '90, \$250 for colored plates needed in completing a work on the digestion and assimilation of fat in the human and the animal body.

To Professor Vladimir Karapetoff \$200 or such part as is needed for an assistant and materials in carrying on investigations on mechanical aids in the design of electrical machinery and lines.

To Professors William R. Orndorff and Roswell C. Gibbs, '06, \$2,525 to pay for the services of an assistant on half time during 1921-22 and on full time during the summer and for apparatus to be used by him in connection with the investigation of the absorption spectra of certain organic compounds.

To Professor Floyd K. Richtmyer, '04, a sum not to exceed \$1,800 for an assistant for one year to devote all his time to investigations of the laws of the absorption of x-rays, and \$1,000 for the purchase of apparatus.

To Professor Ernest W. Schoder, Ph.D., '03, a sum sufficient to provide a substitute for him during the first half of 1921-22 in order that he may prepare for publication the results of investigations in hydraulics made by himself and the late Professor Kenneth B. Turner, '03.

To Professor Sutherland Simpson \$100 to enable him to continue his investigations into the functions of the thyroid and parathyroid glands.

To Professor Albert H. Wright, '04, \$500 for investigations of the life history of North American frogs, toads and tree toads.

To Professor Virgil Snyder, '90-92 Grad., a sum not exceeding \$1,200 to provide a substitute for him during the second half of 1921-22 and thus enable him to continue during that time his studies of algebraic correspondences.

To Professor Wallace Notestein \$1,800 for an assistant during the summer and the year 1921-22 to help in his work of editing various historical documents in connection with the study of the Parliamentary history of England.

To Harry S. Vandiver \$500 to support, during the summer, investigations on the subject of algebraic numbers.

These grants amount to about \$20,725.

The council has postponed the consideration of all requests for grants in aid of publication

until it is possible to consider in detail the whole subject of the publication of results of research and its relation to the purposes of the Heckscher Foundation.

SCIENTIFIC NOTES AND NEWS

THE American Philosophical Society has elected members as follows: Herman V. Ames, Philadelphia; George David Birkhoff, Cambridge; John J. Carty, Short Hills, N. J.; Frank M. Chapman, New York; Henry Crew, Evanston, Ill.; Benjamin M. Duggar, St. Louis; John Marshall Gest, Philadelphia; Charles Homer Haskins, Cambridge; Lawrence J. Henderson, Cambridge; J. Bertram Lippincott, Philadelphia; Hideyo Noguchi, New York; Thomas B. Osborne, New Haven; Charles J. Rhodes, Philadelphia; Vesto M. Slipher, Flagstaff, Ariz.; David White, Washington.

PRINCE ALBERT of Monaco gave the evening address at the annual meeting of the National Academy of Sciences on April 23, and the address was followed by a reception in the U. S. National Museum. At the dinner of the academy on the following evening Prince Albert was presented with the Alexander Agassiz gold medal, awarded in recognition of his promotion of oceanographical research.

DR. ALBERT EINSTEIN, to whom Columbia University last year awarded the Barnard medal on the recommendation of the National Academy of Sciences, was present at the meeting of the academy, and responded to an address of welcome from President Walcott just before the adjournment of the Tuesday morning session. Dr. Einstein also spoke at the academy dinner.

REAR ADMIRAL WILLIAM C. BRAISTED, U. S. N., retired, former surgeon general of the Navy, has been elected president of the Philadelphia College of Pharmacy. He is this year president of the American Medical Association.

DR. WILLIAM S. THAYER, professor of medicine at the Johns Hopkins University and

physician-in-chief of the Johns Hopkins Hospital, has resigned.

PROFESSOR ERNEST W. BROWN, of Yale University, has been elected a correspondent of the French Academy of Science.

THE Vienna Medical Society at a recent meeting elected to honorary membership as token of gratitude for their efforts in promoting the public health of Austria, Mr. Herbert Hoover, of Washington, D. C., and Dr. F. Ferrière, the vice-president of the International Red Cross, at Geneva.

THE University of Dublin has conferred the honorary degree of doctor of science upon A. A. Michelson, professor of physics in the University of Chicago; W. M. Bayliss, professor of general physiology in University College, London, and E. Borel, professor of the theory of functions at the Sorbonne, Paris.

PROFESSOR C. S. SHERRINGTON, president of the Royal Society, has been elected a member of the Athenæum Club under the provision for the election of persons "of distinguished eminence in science, literature, the arts, or for public service."

THE Royal medals of the Royal Geographical Society have been awarded as follows: Founder's medal to Mr. Vilhjalmur Stefansson, "for his distinguished services to the Dominion of Canada in the exploration of the Arctic Ocean"; and Patron's medal to General Bourgeois, senator for Alsace, "for his long and eminent services to geography and geodesy." The council has made the other awards as follows: The Murchison grant to Commandant Maury, for his surveys in the Belgian Congo; the Bach grant to Miss Marian Newbigin, for her contribution to geography, particularly of the Balkans; the Cuthbert Peek grant to Captain J. B. L. Noel, for his reconnaissance of the eastern approaches to Mount Everest and other geographical work; and the Gill memorial to Lieutenant Colonel M. N. MacLeod, R.E., for his contribution to the theory of survey from air photographs.

DR. OSKAR KLOTZ, professor of pathology in the University of Pittsburgh Medical School, has been appointed representative of the International Health Board of the Rockefeller

Foundation for medical research work and education of São Paulo, Brazil, serving as director of a pathologic institute.

THE Food Research Institute, established by the Carnegie Corporation and Stanford University with Dr. C. L. Alsberg, formerly chief of the Bureau of Chemistry, United States Department of Agriculture as director, has appointed, to be associated with Dr. Alsberg, Alonzo E. Taylor, professor of physiological chemistry at the University of Pennsylvania, and Joseph S. Davies, assistant professor of economics at Harvard University. The directors will have authority to determine the scientific policies of the Institute and the problems to be studied. Leland Stanford, Jr., University has appointed as an advisory committee Herbert Hoover, Julius M. Barnes, Dr. J. C. Merriam, J. R. Howard, Dr. William M. Jardine and George Reeding.

DR. A. S. HITCHCOCK, systematic agrostologist of the U. S. Department of Agriculture, leaves about May 1 for an extended trip to the Orient. He will visit the Philippines, Japan, China, Indo-China, Singapore and Java, returning about January 1. He will study the grasses of the regions visited and will gather data especially for a revision of the bamboos of the world.

PROFESSOR MARSTON TAYLOR BOGERT, of Columbia University, gave an address at New York University on April 13, on "Science and disarmament."

UNIVERSITY AND EDUCATIONAL NEWS

A MAINTENANCE fund of \$30,000 a year has been promised to the Albany Medical College on condition that a similar amount is raised each year by the trustees. The Rockefeller Foundation will give \$20,000; the General Electric Company \$5,000, and Dr. Charles Alexander Richmond, president of Union University, \$5,000. The money this year must be raised by June 1 to make the \$30,000 available.

It is announced that the Ontario government will give immediate financial aid to the universities of the province as follows: University of Toronto, \$900,000; Queen's at Kings-