

GRANTS FOR RESEARCH MADE BY THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

THE Committee on Grants held its annual meeting in New York on January 1, 1922, and distributed four thousand dollars which was assigned by the council of the association for the current year. Three members of the committee, Messrs. Crew, Parker, and Stebbins, having retired at the end of 1921, the present organization of the committee is: Robert M. Yerkes, *Chairman*; F. R. Moulton, *Secretary*; E. G. Conklin, C. Judson Herrick, Arthur B. Lamb, George T. Moore, E. L. Nichols, and David White.

Following is the list of grants for 1922:

PHYSICS

One hundred and fifty dollars to Professor A. W. Smith, Ohio State University, in support of his work on the latent heat of fusion and on the specific heat of metals.

One hundred and fifty dollars to Professor L. R. Ingersoll, University of Wisconsin, in support of his work in magneto-optics.

One hundred and fifty dollars to Professor F. C. Blake, Ohio State University, for partial payment toward the cost of an X-ray spectrometer.

CHEMISTRY

Two hundred and fifty dollars to Dr. A. W. Rowe, Evans Memorial Hospital, Boston, for the study of the basal metabolic rate in pregnancy.

Two hundred dollars to Professor Harold Hibbert, Yale University, for a study of the oxidation potentials in related organic substances.

One hundred dollars to Professor W. C. Rose, School of Medicine, University of Texas, in support of a study of blood changes in nephritis.

ASTRONOMY

Two hundred dollars to the American Association of Variable Star Observers for a portable house to go with the telescope purchased from a previous grant.

One hundred dollars to Miss Caroline E.

Furness, Vassar College, additional to previous grant for determining proper motions of stars.

One hundred dollars to Dr. Sebastian Albrecht, Dudley Observatory, additional to previous grant for assistance in study of stellar spectra.

GEOLOGY

Two hundred and fifty dollars to M. Ferdinand Canu of Versailles, France, in further support of his work on bryozoa.

One hundred and fifty dollars to Dr. August Foerste, High School, Dayton, Ohio, toward travel and office expense in the preparation and description of arctic fossil cephalopods.

ZOOLOGY

Two hundred and fifty dollars to Professor Hermann J. Muller, University of Texas, to carry out studies on mutations in flies.

Two hundred dollars to Professor S. O. Mast, Johns Hopkins University, to carry on work on locomotion of amoeba.

BOTANY

One hundred and twenty five dollars to Dr. Ralph C. Benedict, Brooklyn Botanic Garden, in further support of a study of the fern genus *Nephrolepis*.

Two hundred and fifty dollars in support of Botanical Abstracts for the current year.

One hundred and twenty five dollars to Professor John T. Buchholz, University of Arkansas, in support of work on pollen tubes.

PSYCHOLOGY

Four hundred dollars to Professor Raymond Dodge, Wesleyan University, for the development of an instrument for recording eye movements.

Three hundred dollars to Professor Franklin O. Smith, Johns Hopkins University, for the purchase of a monochromatic illuminator to be used in research on color vision.

PHYSIOLOGY

Two hundred dollars to Professor Fred T. Rogers, Baylor Medical College, for a study of the marsupial brain.

Two hundred dollars to Professor Frank P. Knowlton, Syracuse University, in further support of the study of the blood flow and gaseous metabolism of the thyroid gland.

One hundred and fifty dollars to Professor Frank A. Hartman, University of Buffalo, to aid in the further study of suprarenal insufficiency.

JOEL STEBBINS,

Secretary Committee on Grants.

URBANA, ILLINOIS

SCIENTIFIC EVENTS

THE EXHIBITION OF THE ROYAL PHOTOGRAPHIC SOCIETY

THE Royal Photographie Society of Great Britain is holding its sixty-seventh annual exhibition in September and October of this year. This is the most representative exhibition of photographic work in the world, and the section sent by American scientific men heretofore has sufficiently demonstrated the place held by this country in applied photography. It is very desirable that American scientific photography should be equally well represented in 1922, and, in order to enable this to be done with as little difficulty as possible, I have arranged to collect and forward American work intended for the Scientific Section.

This work should consist of prints showing the use of photography for scientific purposes and its application to spectroscopy, astronomy, radiography, biology, etc. Photographs should reach me not later than Thursday, June 15. They should be mounted but not framed.

I should be glad if any worker who is able to send photographs will communicate with me as soon as possible so that I may arrange for the receiving and entry of the exhibit.

A. J. NEWTON

THE EASTMAN KODAK COMPANY,
ROCHESTER, N. Y.

FRENCH EXCHANGE PROFESSORS IN ENGINEERING

THE *Pennsylvania Gazette* reports that Professor Jacques Cavalier, rector of the University of Toulouse, has begun his term at the University of Pennsylvania as the first exchange professor appointed by the minister of public instruction in France in accordance with an arrangement made by the committee of American universities on exchange with France of professors of engineering and applied sci-

ence. The plans made by the committee stipulate that the French exchange professor shall spend one month at each of the following universities: Columbia, Cornell, Harvard, Johns Hopkins, Massachusetts Institute of Technology, University of Pennsylvania and Yale, and that a representative of American technical schools shall spend a year visiting and lecturing before the chief French engineering and technical schools.

Professor Cavalier is an eminent scientist and well known as an investigator in the field of metallurgical chemistry. He was formerly professor of applied chemistry at the University of Rennes, and he is now rector of the University of Toulouse. During the war he was attached to the ministry of munitions. Since his appointment to the post of rector of the University of Toulouse he has devoted much of his time to questions related to technical education.

During his stay in America he hopes to thoroughly study the organization administration and methods of instruction in our own schools and place before men interested in technical education the principles underlying scientific education in France. It is believed that this exchange of professorships will serve to develop a cordial relationship between engineering and technical schools in both countries. Professor Cavalier will lecture before the staff and graduate students of the department of chemistry on questions related to his own investigations in applied chemistry, and he will also deliver three illustrated lectures in French at Houston Hall on Wednesdays, March 1, March 8 and March 15, on "The French universities," "Student life in France," and the "Evolution and development of the French universities." Both as a savant and scholar, Professor Cavalier is well equipped to speak on the advanced studies now carried on in French universities, as well as to discuss their organization.

The committee of American universities has appointed as its representative in France this year Professor Arthur E. Kennelly, professor at Harvard and the Massachusetts Institute of Technology. Professor Kennelly has met with so much success in his mission that the number