

ditional \$9,500 was recommended to continue experiments on projects already begun.

These studies, Dr. Robert G. Hockett, scientific director of the foundation, announced, implement the original program of scientific research and are designed to develop a further understanding, not only of the product itself, but of its effect on the human system. All possible fields of research have not yet been explored. Among other projects which the foundation might support, are studies for increasing the utilization of sugar for such diversified purposes as meat curing, tanning leather, fruit freezing and in insecticides, ice cream, baking, cattle feeding, metallurgy, electro-plating, paper sizing and producing silage from hay and grass.

Dr. Hockett announced grants to the following:

Dr. Hans Selye, associate professor of histology at the Medical School of McGill University, \$10,000, for a three-year study of the effects of diets in protecting animals from the effects of over-activity of the endocrine glands.

Dr. I. M. Rabinowitch, associate professor of medicine at McGill University and director of the department of metabolism at the Montreal General Hospital, \$10,000, for investigation of the use of sugars in human nutrition in health and in disease. Dr. Rabinowitch is in charge of the clinic for diabetes, which is the largest clinic of its kind in Canada.

Dr. Gebhard Stegeman, professor of physical chemistry at the University of Pittsburgh, \$7,000, to collate all existing data and carry out new measurements of the physical properties of sugar and sugar solutions for use by industrial chemists.

Drs. F. W. Zerban and Louis Sattler, of the New York Sugar Trade Laboratory, \$4,000, for further investigation of the unfermentable constituents of molasses. These investigators have made important contributions to the study of molasses, including identification of allulose as one of its constituents.

Dr. George R. Cowgill, professor of nutrition at Yale University Medical School, \$3,600, to survey the vitamin content of various products of the sugar industry at the point when they reach the market. The survey will cover raw sugars, soft sugars, molasses, syrups, white sugars and high-test molasses.

Professor L. T. Samuels, head of the department of biochemistry at the University of Utah, \$3,500, to study the capacity of animals to adjust themselves physiologically to various types of diets.

Dr. H. M. Wuest, of the Brooklyn Polytechnic Institute, \$1,900, to study preparation of several compounds closely related to vitamin B₁ and study their effects on assay methods.

Drs. Walter D. Bonner and Ralph F. Phillips, of the department of chemistry of the University of Utah, \$1,500, to study production of certain glucose derivatives directly from sugar and molasses.

In addition to the new grants, an additional \$5,000 was awarded to Professor L. Emmett Holt, Jr., of the

Medical School of New York University, to continue his work on the synthesis of vitamins in the intestinal tract under the influence of various diets.

A renewal of a \$4,500 grant was given to Professor James M. Neill, of the department of bacteriology and immunology at the Cornell University Medical School.

GRANTS FROM THE PENROSE FUND OF THE AMERICAN PHILOSOPHICAL SOCIETY

At a meeting on June 1 of the research committee of the American Philosophical Society the following grants were made from the Penrose Fund:

Kenneth W. Hunt, Preparation and completion of key and catalogue for the woody plants of Charleston County, \$450.

Charles W. Metz, Analysis of evolutionary changes occurring within the chromosomes in *Sciara*, \$1,000.

A. F. Blakeslee, Embryology in plants, especially in the genus *Datura*, \$1,500.

Sister M. Inez Hilger, Ethnological field study of the beliefs, customs, etc., in the rearing and training of the Araucanian Indian child of Chile, \$1,500.

Wallace Craig, The space system of the perceiving self, \$1,250.

Philip P. Wiener, Intellectual developments in America surrounding Chauncey Wright and other members of the Metaphysical Club with respect to basic idea of evolutionism in the years 1850-1875, \$1,000.

William J. Roach, Edition and critical study of the First Old French Continuation of the *Perceval* of Chretien de Troyes, \$1,500.

Joseph E. Hellmer, Field study of regional Mexican folk music, \$570.

Victor Zuckerkandl, To determine theoretically the function of music in the spiritual life of modern man, \$600.

George Steindorff, Completion of Coptic Grammar in English, \$600.

Lyman H. Butterfield, Survey of materials by and relating to Dr. Benjamin Rush, \$200.

THE AMERICAN SOCIETY OF TROPICAL MEDICINE

At the annual meeting held in St. Louis in November of the American Society of Tropical Medicine, of which Dr. R. E. Dyer is president, the report of the committee on war and postwar problems was presented and approved.

In this report, printed in *Tropical Medicine News*, the committee requested the Surgeon General of the U. S. Public Health Service:

(1) To organize teaching teams to visit laboratories in the states for the instruction of personnel in the techniques of laboratory diagnosis of tropical diseases.

(2) To disseminate appropriate articles on the diag-