

THE NUTRITION FOUNDATION

GRANTS amounting to \$258,100 were made at the third anniversary meeting on March 29 of the Nutrition Foundation. These cover six new research projects and twenty-four renewals of grants for studies now under way.

The grants made were as follows:

Harvard University received \$47,500 for a five-year study of nutrition in relation to maternal health, which will include the problems of pregnancy, childbirth, the condition of the newborn infant and its subsequent health and development.

The Public Health Research Institute of the City of New York received \$10,500 for a three-year study of the development of microchemical methods for evaluating nutritional status. There is a critical need for practical methods of measuring the influence of nutrition on public health in the marginal zones of malnutrition.

The School of Medicine and Dentistry at the University of Rochester received \$10,000 for a two-year study of the nature and significance of a pigment associated with vitamin deficiency.

Grants were also made to the University of Pittsburgh for studies on self-selection of diets; to Washington University for studies on the mechanism of carbohydrate reactions in animal tissues, and to the University of Wisconsin to study the characterization of compounds containing bound biotin and other vitamins.

Renewals were made of grants previously made to nineteen universities and institutions, including Stanford University, the University of Wisconsin, the University of California, Columbia University, Duke University, the University of Illinois, the University of Cincinnati, Ontario Agricultural College, Purdue University, the University of Arkansas, Oregon State College, the University of Toronto, New York University, the Oklahoma Experiment Station, Vanderbilt University, Yale University, Harvard University, Cornell University and the National Research Council.

PENNSYLVANIA ACADEMY OF SCIENCE

At the recent annual meeting of the Executive Council of the Pennsylvania Academy of Science, held in Philadelphia, the following officers were elected for the coming year:

President, Dr. Bradford Willard, chairman of the geology department, Lehigh University, Bethlehem, Pa.

President-elect, Dr. T. L. Guyton, state entomologist and chief of the Bureau of Entomology, Department of Agriculture, Harrisburg, Pa.

Vice-president, Eastern Division, Dr. H. K. Lane, professor of science, Hershey Junior College, Hershey, Pa.

Vice-president, Western Division, Miss Marie B. Knauz, teacher of biology, Pittsburgh, Pa.

Secretary-Treasurer, Dr. V. Earl Light, professor of zoology, Lebanon Valley College, Annville, Pa.

Editor of Journal, Dr. R. M. Foose, senior geologist, Pennsylvania Geological Survey, Harrisburg, Pa.

Editor of Pennsylvania Science News-Letter, Charles E. Mohr, director of education, Academy of Natural Science, Philadelphia.

Junior Academy of Science Sponsor, Miss Sophie Moiles, teacher of physics, Johnstown, Pa.

The regular annual Easter meeting of the entire membership of the academy, scheduled for Juniata College, was cancelled by request of the War and Navy Departments. Acting officially in its place the executive council met for two days to transact the necessary business. Membership of the academy increased over ten per cent. this year and now numbers over five hundred members, coming chiefly from the colleges, universities, high schools and research laboratories of the state. The next annual Easter meeting of the academy will be held at Lehigh University, if transportation regulations permit.

JOHN C. JOHNSON, *Press Secretary*

SCIENTIFIC NOTES AND NEWS

THE American Institute of Nutrition has awarded the Mead Johnson and Company Prize for 1945 to Dr. Dillworth Wayne Woolley, of the Rockefeller Institute for Medical Research, in recognition of his studies on the inhibitors of vitamins and for his many contributions to the identification of nutritional factors of a vitamin nature. The Borden Award in nutrition has been conferred on Dr. H. H. Mitchell, of the University of Illinois, in recognition of his outstanding contributions, which have emphasized the nutritive significance of the components of milk and of dairy products.

At a meeting of the Society of Experimental Psychologists, Inc., the Howard Crosby Warren Medal was awarded to Professor Clark L. Hull, of Yale University. The citation reads: "For his careful development of a synthetic theory of behavior. This theory has stimulated much research and it has been developed in a precise and quantitative form so as to permit predictions which can be tested empirically. The theory thus contains within itself the seeds of its own ultimate verification or of its possible final disproof. A truly unique achievement in the history of psychology to date."

PROFESSOR ISIDOR ISAAC RABI, of Columbia University, received the 1944 Nobel Prize in physics on April 11, in recognition of his research in the resonance method of registering the magnetic quality of atoms. The presentation was made by President Nicholas Murray Butler at a reception in the Men's Faculty Club, given in honor of Professor and Mrs. Rabi by Dr. Frank Fackenthal, provost of the university.

THE Society of Automotive Engineers at its recent meeting in New York City presented the Wright Brothers Medal to Dr. Kenneth Campbell, research engineer of the Wright Aeronautical Corporation, in recognition of his paper read before a meeting of the society last year on "Engine Cooling Fan Theory and Practice."

THE Chancellor's Medal of the University of Buffalo was presented on February 22 to Dr. Nelson Gorham Russell, emeritus professor of medicine of the university, with the inscription, "in recognition of a lifetime of eminent service to your profession, your community and your country which has 'dignified Buffalo in the eyes of the world.'" Dr. Russell, who has been associated with the School of Medicine for fifty-three years, was also cited as a "scientist, soldier, civic leader, teacher and mentor of two generations of physicians and dean of the practitioners of the healing art in this region."

THE *Bulletin* of the American Mathematical Society reports that Professor Marston Morse, of the Institute for Advanced Study at Princeton, N. J., has received a citation from the War Department for "outstanding performance as a civilian in government work in furtherance of the nation's war effort."

DR. W. D. CAIRNS, professor of mathematics, emeritus, of Oberlin College, was recently elected honorary president for life of the Mathematical Association of America. Dr. Cairns was for twenty-seven years secretary-treasurer of the association and for the past two years president.

DR. ALBERT EINSTEIN has retired from active duty on the staff of the Institute for Advanced Study at Princeton, N. J. The title emeritus has been conferred on him.

DR. EDWARD C. ELLIOTT, for the past twenty-two years president of Purdue University, will retire at the end of June.

IN a reorganization of biology at Harvard University, Professor Alfred S. Romer, professor of zoology and curator of vertebrate paleontology, has been appointed director of the Biological Laboratories, and Professor E. S. Castle, of the department of physi-

ology, has been made chairman of the department of biology.

DR. WARREN WHEELER, who for the past three and a half years has been director of the bacteriological and chemical laboratories of the Detroit Children's Hospital and assistant professor of pediatrics at the College of Medicine of Wayne University, has been appointed associate professor of pediatrics at the Ohio State University.

THE *British Medical Journal* reports that Dr. H. A. Krebs has been appointed to the newly established chair of biochemistry at the University of Sheffield. Professor Krebs, who graduated in medicine at the University of Hamburg in 1925, first went to Sheffield from a post at Cambridge nine years ago and, as lecturer, founded a school of biochemical research which has received support from the Medical Research Council and from the Rockefeller Foundation of New York. He has taken an active share in organizing nutritional studies for the Government during the war.

DR. TOMLINSON FORT, professor and head of the department of mathematics of Lehigh University, has resigned in order to become professor of mathematics and head of the department at the University of Georgia.

RALPH R. BEAL, for nine years research director of the Radio Corporation of America, has been elected vice-president in charge of engineering of RCA Communications, Inc. For the last two years Mr. Beal has been a member of the microwave committee of the National Development Research Committee of the Office of Scientific Research and Development.

DR. KARL F. LAGLER, assistant professor of zoology at the University of Michigan, has been given the additional title of research associate of the Laboratory of Vertebrate Biology. He will be in charge of researches concerned with fish biology.

DR. LEO M. DAVIDOFF has been appointed as of September 1 attending neurological surgeon at Montefiore Hospital, New York. He has also been promoted to a professorship of clinical neurological surgery at the College of Physicians and Surgeons of Columbia University. He will continue his consulting practice in neurosurgical problems at the Montefiore Hospital.

DR. HERBERT R. UNSWORTH, clinical assistant professor of neuropsychiatry at the School of Medicine of the Louisiana State University, has been appointed attending specialist in neuropsychiatry at the U. S. Marine Hospital in Carville, La.

DR. JOHAN BJORKSTEN, chemical director of the Quaker Chemical Products Corporation, Consho-

hocken, Pa., has established an independent research organization with headquarters in Chicago.

DR. ROBERT M. KLEINPELL, micropaleontologist of Bakersfield, Calif., and of the California Institute of Technology, who was captured in Manila by the Japanese in 1942, has recently been released from prison and has returned to the United States.

DR. EDMUND V. COWDRY, professor of anatomy at the Washington University School of Medicine, St. Louis, will deliver on April 23 the Adam M. Miller Memorial Lecture of the Long Island College of Medicine. He will speak on "Microscopic and Chemical Properties of Precancerous Lesions."

DR. K. LARK-HOROVITZ, head of the department of physics of Purdue University, addressed the Chapter of Sigma Xi of the University of Cincinnati on April 2. His subject was "Radioactive Tracers and their Application to Biological Problems."

PROFESSOR JOHN G. KIRKWOOD, of Cornell University, will deliver the Edward Lee Memorial Lecture at the University of Chicago on May 11. He will speak on "Hindered Molecular Rotation in Polar Liquids."

COLONEL SCOTT B. RITCHIE, deputy chief of Research and Development Service, Office Chief of Ordnance, discussed "Army Ordnance Development Since World War I" at a meeting on April 12 of the Washington, D. C., Section of the American Society of Mechanical Engineers.

DR. ERIC G. BALL, associate professor of biological chemistry at Harvard University, is giving a series of lectures at the School of Medicine of the University of Brazil in Rio de Janeiro, where he will direct research in cellular respiration. His trip is under the joint auspices of the Brazilian Government and the Department of State of the United States.

PROFESSOR JAMES MACKINTOSH, dean of the London School of Hygiene and Tropical Medicine, has been lecturing in Sweden for the British Council on "Housing and Medicine," "Nutrition and Medicine" and other aspects of social medicine and health education.

THE Director-General of the Army Medical Services, Sir Alexander Hood, K.C.B., will deliver on May 28 the Harveian Lecture at the Royal College of Surgeons of England. He will speak on "Total Medicine."

THE annual general meeting of the American Philosophical Society that it was planned to hold on April 19, 20 and 21 in Philadelphia, has been cancelled in compliance with the request of the War Committee on Conventions of the Office of Defense Transportation.

IN compliance with the wishes of the ODT, the Institute of Chemists has cancelled its annual meeting, and its Gold Medal will be awarded by the Miami Valley Chapter at its regular meeting in Columbus, Ohio, on May 11. As already announced in *SCIENCE*, the 1945 recipient of the medal is John W. Thomas, chairman and chief executive of the Firestone Tire and Rubber Company. William M. Jeffers, president of the Union Pacific Railroad and formerly U. S. Rubber Director, will address the meeting. Other speakers will include Dr. Hezleton E. Simmons, president of the University of Akron; Dr. Donald B. Keyes, director of the Office of Production, Research and Development of the War Production Board; John D. Coleman, president of the Dayton Society of Professional Engineers and supervisor of Production Processes of the Frigidaire Division of the General Motors Corporation. The medal will be presented by Dr. Gustav Egloff, president of the institute.

THE regular meeting of the Paleontological Research Institution took place on April 7 at Ithaca, N. Y. Special orders of the day for which appropriations have already been made related (1) to the early completion of doubling the library and working space of the institution; (2) to a discussion of the best methods for finishing publication of (a) a 50 plate volume on Ordovician cephalopods, (b) a 65 plate volume on Jackson Eocene Mollusca, (c) completion of the gathering together of material and the publishing of Carpenter's West Coast molluscan types and (d) minor reports.

DISCUSSION

"FACTS" AND "INTERPRETATIONS" REGARDING RACE DIFFERENCES

In a recent note,¹ Mr. Birch objects to the distinction which I drew between "facts" and "interpretations" with respect to psychological differences among races. I would agree that the distinction breaks down

in those rare cases in which only one interpretation is possible. But such rigid relationships are seldom found in the social sciences; inevitably, perhaps, there are several interpretations of the same data and one interpretation is apt to be more adequate than another. I shall give two "exhibits" as illustrations of what I mean.

Exhibit A: Medians on the Army Alpha and Army

¹ *SCIENCE*, n.s., 101: 173-174, 1945.