

SCIENTIFIC EVENTS

A TECHNICAL INSTITUTION PLANT AND EQUIPMENT IN LONDON

THE formation of a Joint Advisory Committee representing three technical institutions, which has been set up to support the creation of a center in London for the inspection and purchase of plant and equipment for technical institutions, is announced in *Education*. The center will be at British Industries House, Marble Arch, London, W.1.

Manufacturers will be invited to display examples of equipment in sections, such as professional and scientific apparatus and supplies, laboratory apparatus, educational supplies, specialized furniture, tools, chemical and allied products, etc., and on the lower ground floor will be a Technical Institution Equipment Bureau which will be a key to sources of supply and a center for specialized information.

The object is to provide a convenient center for inspecting deputations and other buyers who at present have to visit colleges to see all that they want, and, even so, usually see only one example of a given range of equipment and can not always get information about prices, delivery and other business details.

It is expected that at first about eighty manufacturers will be registered in the bureau, so that, though this will be only the nucleus of those who will soon be participating, principals and other buyers are invited to send inquiries at once.

The Joint Advisory Committee considers that a really representative center, providing a ready view of various competitive examples of plant and equipment, will be a boon to members of local authorities, directors of education, principals and others who either buy or advise on the building and equipment of technical institutions. They think that it will become sooner or later an organic necessity.

Education points out that in view of the prevailing attitude of the Board of Education to technical education, inspecting deputations to the better-known technical institutions are very numerous. Loughborough, Willesden, South East London and others may well have two or three deputations a week. The deputations may remain till late in the afternoon and subsequently the principals may have to provide detailed information by correspondence.

The technical institution representatives on the Joint Advisory Committee are as follows. The Association of Technical Institutions: B. Mouat Jones, H. Schofield. The Association of Principals of Technical Institutions: F. J. Harlow, D. S. Anderson. The Association of Teachers in Technical Institutions: G. A. Robinson and J. Wickham Murray.

GRANTS OF THE AMERICAN ACADEMY OF ARTS AND SCIENCES

AT its October meeting the American Academy of Arts and Sciences announced grants in aid of research from its Permanent Science Fund, as follows:

To Professor James A. Beattie, Massachusetts Institute of Technology, \$500 to provide a technical assistant to enable him to make the necessary computations in the evaluation of certain thermodynamic data obtained in an investigation of pressure effects on various thermometric scales;

To Professor Elery R. Becker, Iowa State College, Ames, \$500 for expenses connected with an investigation of the effects of food constituents on Coccidians;

To Professor Robley D. Evans, Massachusetts Institute of Technology, \$500 for the purpose of purchasing apparatus to be used in his study of radium poisoning;

To Professor J. Horace Faull, Arnold Arboretum, Jamaica Plain, Mass., \$300 to aid him in making a trip to Guatemala and other southern countries to enable him to collect material on rusts that alternate between coniferous, angiospermous and filicinean hosts;

To Dr. Millard F. Manning, University of the City of Toledo, \$125 toward the purchase of a computing machine to be used in making theoretical calculations of the electronic energy bands in metals;

To Professor R. K. Nabours, Kansas State College of Agriculture, Manhattan, \$350 to help defray his expenses in collecting specimens of grouse locusts (*Tetriginae*) in the regions around Tampico and Vera Cruz, Mexico;

To Professor Alden E. Noble, College of the Pacific, Stockton, \$312 for technical assistance in the preparation of microscope slides and for work connected with studies on the trematode fauna of the marine fishes of Monterey Bay, Calif.;

To Professor Thomas L. Smith, College of the Ozarks, Clarksville, Ark., \$100 to be used in continuing his studies of induced mutations in the wax moth, *Galleria mellonella*, and

To Professor William F. Windle, Northwestern University Medical School, Chicago, \$500 to aid him in employing a technician in his study of the development of foetal behavior as correlated with intrinsic growth of the nervous system.

In the cases in which the grants are for the employment of technical assistants, it is understood that the work of the assistants is not to be taken in partial fulfillment of the requirements for a degree. Applications for grants in aid of research will be received until March 15, 1937, by the Committee on the Permanent Science Fund of the American Academy of Arts and Sciences, for action at the March meeting of the academy. Applications should be addressed to Professor E. M. East, chairman, Permanent Science

Fund Committee, Biological Laboratories of Harvard University, Cambridge, Mass.

TENNEY L. DAVIS,
Corresponding Secretary

SCIENTIFIC RESEARCH IN THE DEPARTMENT OF HOSPITALS OF THE CITY OF NEW YORK

THE executive committee of the Research Council of the Department of Hospitals of New York City at a recent meeting voted grants amounting to \$7,875 for studies to be carried on in the Research Division of Chronic Disease, now functioning on Welfare Island, New York.

At the meeting, Dr. S. S. Goldwater, commissioner of hospitals, announced the completed organization of the scientific personnel, which includes:

Research Director, Dr. David Seegal, assistant professor in medicine, College of Physicians and Surgeons, Columbia University.

Clinical Associate, Dr. Arthur J. Patek, Jr., associate in medicine, College of Physicians and Surgeons, Columbia University.

Research Associate in Immuno-Chemistry, Dr. Forrest E. Kendall, assistant professor in biochemistry, College of Physicians and Surgeons, Columbia University.

Research Fellow, Dr. Dickinson W. Richards, Jr., assistant professor in medicine, College of Physicians and Surgeons, Columbia University.

Research Fellow, Dr. Kenneth B. Turner, associate in medicine, College of Physicians and Surgeons, Columbia University.

Resident in Research Medicine, Dr. Alfred Steiner, instructor in medicine, College of Physicians and Surgeons, Columbia University.

Resident in Research Medicine, Dr. James S. Mansfield, instructor in medicine, College of Physicians and Surgeons, Columbia University.

Studies which the Research Council is promoting include the following:

The mechanism of arteriosclerosis by Dr. Kenneth B. Turner and Dr. Alfred Steiner.

Pulmonary emphysema and fibrosis by Dr. Dickinson W. Richards and Dr. James S. Mansfield.

Cirrhosis of liver and hypertension by Dr. Arthur J. Patek, Jr.

The rôle of infection in chronic diseases with particular reference to chronic nephritis by Dr. David Seegal. Chronic arthritis by Dr. Forrest E. Kendall and Dr. Martin Henry Dawson.

The Research Council of the Department of Hospitals was organized last year to stimulate scientific research in chronic diseases. Grants made by the council supplement the grant of \$25,000 per annum

made by the Board of Estimate and Apportionment for research work.

The officers of the Research Council for the current year are:

Marshall Field, *Chairman*; Dr. John A. Hartwell, *Vice-chairman*; Dr. Bernard Sachs, *Treasurer*, and Dr. S. S. Goldwater, *Secretary*.

The Scientific Advisory Committee includes:

Dr. Alfred E. Cohn, Rockefeller Institute for Medical Research.

Dr. Eugene L. Opie, professor of pathology, Cornell University Medical School.

Dr. W. W. Palmer, College of Physicians and Surgeons, Columbia University.

Dr. Alphonse R. Dochez, attending physician, Presbyterian Hospital.

Dr. Douglas Symmers, director of the Division of Laboratories of the Department of Hospitals.

Dr. William H. Park, director of Laboratories emeritus of the Department of Health.

Dr. Martin Henry Dawson is president of the Medical Board of the Research Division.

CENTENNIAL CELEBRATION OF THE AMERICAN PATENT SYSTEM

A CELEBRATION of the one hundredth anniversary of the American patent system will be held at the Mayflower Hotel, Washington, D. C., on November 23. At the invitation of Secretary Daniel C. Roper, of the Department of Commerce, Dr. Charles F. Kettering, of the General Motors Research Corporation, consented to be chairman of the committee in charge. The following program has been arranged:

NATIONAL ACADEMY OF SCIENCES AUDITORIUM—
10:00 A.M.

“Importance of Inventions to Civilization,” by Dr. Harrison E. Howe, editor, *Industrial and Engineering Chemistry*.

“The American Patent System,” by Thomas Ewing, a former commissioner of patents.

“The Great Inventions of the Century,” by Dean Dexter S. Kimball, College of Engineering, Cornell University.

“This is Not the End—Looking Toward the Future of Invention,” by Robert E. Wilson, vice-chairman, Pan American Petroleum and Transport Company.

2:00 P.M.

“Research Parade”—Demonstrations of scientific and technical principles and achievements which have not yet materialized into industrial applications.