THE LEVERHULME RESEARCH FELLOWSHIPS

THE Advisory Committee for the Leverhulme Research Fellowships has recommended, and the trustees have approved, the following awards, tenable for varying periods up to two years:

W. H. B. Court, M.A., lecturer in economic history, University of Birmingham, "India and British Economic Policy in the Past Century."

W. Cule Davies, D.Sc., Ph.D., lecturer in chemistry, University College, Cardiff, Leverhulme Research Fellow, "Studies of the Organic Compounds of Nitrogen, Phosphorus and Arsenic."

R. M. Davies, D.Sc., lecturer in physics, University College, Aberystwyth, "Experimental Investigations on Turbulent Flow in an Air-tunnel."

R. Dennell, M.Sc., assistant lecturer in zoology, Imperial College of Science and Technology, London, "The Structure and Physiology of the Luminous Organs of Atlantic Deep-sea Crustacea."

R. W. Firth, M.A., Ph.D., reader in anthropology, University of London, "The Social Structure and Economic Organization of Rural Malays."

D. Ll. Griffiths, F.R.C.S., clinical assistant, Orthopedic Department, Manchester Royal Infirmary, "The Comparison of Radiological and Histological Features in Bone Tumors."

A. E. Ingham, M.A., university lecturer in mathematics, Cambridge, "The Analytical Theory of Numbers."

B. Jones, B.Sc., Ph.D., lecturer in chemistry, University of Sheffield, "A Study of Reaction Kinetics in Solution."

E. B. Maxted, D.Sc., Ph.D., special lecturer in catalysis, University of Bristol, "Studies in Catalyst Poisoning."

D. A. O'Duffy, B.Sc., research and development assistant, Bahrein Petroleum Company, Leverhulme Research Fellow, "Lubrication Problems at High Temperatures and Pressures.

L. F. Taylor, M.A., I.E.S. (Ret.), late research lecturer in Indo-Chinese ethnography and linguistics, University College, Rangoon, "An Ethnographical and Linguistic Survey of Burma."

Miss M. L. Tildesley, chairman of the Comité de Standardisation de la Technique authropologique, London, "The Definition, Measurements and Classification of Anthropometric Characters."

W. A. Waters, M.A., Ph.D., lecturer in chemistry, University of Durham, "Mechanisms of Reactions Involving Free Organic Radicals."

E. L. E. Wheatcroft, M.A., professor of electrical engineering, University of Leeds, "The Mechanism of Development of Electric Sparks with Reference to Lighting Discharges."

THE SEVENTEENTH CHEMICAL EXPOSITION

THE seventeenth Chemical Exposition will be held in the Grand Central Palace, New York City, during the week beginning on December 4, when it will celebrate the completion of its twenty-fifth year of service to the chemical and allied industries. Many of the exhibitors in the first exposition, which was held in 1915, have engaged space this year. It is now established on a biennial basis.

Three floors of the Grand Central Palace have been reserved for the exposition, which will include chemicals and chemical products, laboratory equipment and supplies, instruments of precision, materials handling equipment, brewing, distilling and bottling equipment, industrial chemical machinery and materials, containers and packaging machinery and materials of construction. At the last exposition more than 46,000 visitors attended, representing 45 states in the United States and 130 cities and towns in 47 foreign countries. Members of the Advisory Committee include the presidents of the principal chemical organizations. Its chairman is Dr. M. C. Whitaker, long a leading figure in the chemical industry. Charles F. Roth, who has been similarly responsible for the preceding expositions, will be personally in charge.

The student course in chemical engineering which has become an established feature of the exposition, will again be presented. Professor W. T. Read, dean of chemistry of Rutgers University, who has served as director in previous expositions, will this year again be in full charge. This course enables the selected college students who enroll to coordinate lectures by leading authorities with actual examination of the materials and chemical engineering equipment discussed.

Unit processes of chemical engineering will be represented by a broad range of exhibits. Combustion processes include furnaces, kilns, refractories and the recording instruments essential for regulation and control. Crushing, grinding and mechanical separation will be represented by sifters, agitators, classifiers and ball mills. Classification of materials based on magnetic properties also will be demonstrated. Advances in the processes of filtration, evaporation and drying will be illustrated by many exhibits. Apparatus will include filters of every type and evaporating equipment applicable not only to the chemical industries but also to the food industries. Drying equipment will be shown in its relation to every phase of the pharmaceutical industry, and there will be special reference to the processing of foods.

EXHIBITION OF THE AMATEUR ASTRONOMERS ASSOCIATION OF NEW YORK CITY

THE first national exhibition of the work of amateur astronomers was opened in the American Museum of Natural History on July 30 and will close on August 20. The exhibition is sponsored by the Amateur Astronomers Association of New York City and by other societies in the metropolitan area. It includes exhibits from more than two hundred amateur