

Cambridge; Dr. J. Gross, of McGill University, for work at the National Institute of Medical Research, London, on the mechanism of concentration of iodine in the thyroid gland; Dr. H. B. Stewart, of Toronto Western Hospital, for research at the School of Biochemistry, University of Cambridge; Dr. W. L. Holmes, of the University of Toronto, and at present a research assistant in the Department of Animal Nutrition, Ontario Agricultural College, Guelph, for work at the Department of Pharmacology, Western Reserve University, Cleveland, Ohio; Dr. L. Ouellet, of Laval University, for research at the Catholic University of America, Washington, D.C. The value of these fellowships is 3,600–4,500 dollars, which includes travel allowance and a grant of 500 dollars to the institution at which it is proposed to study. Funds for the fellowships are provided by Merck and Company, Ltd.

Colonial Service : Recent Appointments

THE following appointments in the Colonial Service have recently been announced: J. N. Clothier (senior agricultural officer, Northern Rhodesia), chief conservation officer, Northern Rhodesia; M. Halcerow (deputy director of agriculture (designate), Nyasaland), deputy director of agriculture, Northern Rhodesia; R. E. T. Hobbs (assistant director of agriculture (field services) (designate), Kenya), deputy director of agriculture, Kenya; K. R. S. Morris (entomologist, Gold Coast), director, Tsetse Control, Gold Coast; M. Milliken, agricultural economist, Northern Rhodesia; J. E. F. Douay, assistant conservator of forests, Sierra Leone; L. M. Bear, geologist, Kenya; R. G. Seal, geologist, British Guiana; A. F. S. Ohman, senior veterinary officer, Fiji; H. Bassett, mineralogist/chemist, Lands and Mines Department, Tanganyika; R. Kennard, agricultural survey officer, Gold Coast; B. R. Nettleton, assistant meteorological officer, Federation of Malaya; J. Weir, lecturer in agricultural engineering, Egerton School of Agriculture, Kenya; K. K. Zwilling, fish farmer, Nigeria.

Metals in the Service of Mankind

A SPECIAL exhibition, "Metals in the Service of Mankind", is being held at the Science Museum during July 7–September 30. The exhibition has been organised by the Institute of Metallurgists in conjunction with the Science Museum, the major research and development associations and firms working in highly specialized metallurgical fields. An introductory section includes some of the tools used by early man in the times when only such materials as wood, stone and bone were available. Further exhibits illustrate the period when bronze came into use; the artistic talents of the early metal workers are also emphasized. Modern practice in the extraction and refining of the common metals is fully illustrated, and some of the varied uses of such metals as iron and steel, aluminium, copper, tin, nickel, magnesium, cobalt and cadmium are shown by means of samples, models and finished products. Processes dealing with the after-treatment of metals such as electro-deposition, welding, surface finishing and powder metallurgy are included, as well as an exhibit dealing with magnets and their uses. A metallurgical laboratory and a metal testing section illustrate the various tests to which metals are subjected. The rarer metals, several of which are only just coming into production, are also shown.

Announcements

AT a special meeting of the Section of Science of the Royal Netherlands Academy of Sciences on June 24, the Bakhuis Roozeboom Medal was presented to Dr. W. Hume-Rothery, lecturer in metallurgical chemistry in the University of Oxford. This Medal is awarded once in every four or five years for fundamental work in the field of phase-theory. It was awarded for the first time in 1916 to Prof. Schreinemakers, and since then to Tammann, Van Laar, Bridgman and Day. The meeting, presided over by Prof. A. J. Kluyver, was attended by representatives of the Dutch Minister of Education, the British Ambassador in the Netherlands, the governor of the Province of North Holland, the burgomaster of Amsterdam, many Dutch men of science and members of the Academy and relations of the late Prof. Bakhuis Roozeboom.

ON the occasion of the celebration of Foundation Day of the University of London on November 24, honorary degrees will be conferred on the following, among others: D.Sc. on Sir John Cockcroft, director of the Atomic Energy Research Establishment, Harwell; LL.D. on Sir Hector Hetherington, vice-chancellor and principal of the University of Glasgow.

THE following appointments in the University of Sheffield have recently been announced: Dr. F. J. G. Ebling, lecturer in zoology; Dr. R. T. Ackroyd, lecturer in electrical engineering; and Dr. H. D. Turner, staff tutor in science in the Department of Extramural Studies.

HERBERT REICHNER (34 East 62nd Street, New York, 21) has issued a List (No. 14) of Reference Books and Bibliographies, containing some 1,463 entries, arranged alphabetically by subject and author, relating to astronomy, biography, chemistry, botany, geology, medicine, palæography, philosophy and printing, as well as to the fine and graphic arts, literature, music, etc.; some *incunabula* and manuscripts are also included.

THE Robert Roesler de Villiers Foundation, Inc., of 417 Park Avenue, New York, 22, is offering a prize of 500 dollars (or in special circumstances 1,000 dollars) for the most significant contribution to the knowledge of the nature, causes, origin, treatment and cure of acute leukaemia and allied conditions, published during January 1, 1950–October 20, 1951. The prize has been instituted in memory of Robert Roesler de Villiers, who died of acute leukaemia at the age of 16½ years. Further particulars may be obtained from the Foundation itself, from Dr. Sven Moeschlin, Kantonsspital, Zurich, Switzerland, or from Dr. S. Haberman, 3301 Junius Street, Dallas, Texas.

APPLICATIONS are invited from university graduates and certified teachers, less than thirty-six years of age and with qualifications in mathematics, science (physics, chemistry or metallurgy) or engineering, for commissions of three to five years service in the Instructor Branch, Royal Navy. Instructors serve both ashore and afloat, and their duties include technical instruction and general education. Officers with suitable qualifications may also be trained and appointed for full- or part-time meteorological and weather-forecasting duties. Further details may be obtained from the Director (P), Education Department, Admiralty, London, S.W.1.