

University and Educational Intelligence.

BIRMINGHAM.—The first list of donations in response to the appeal of the University for 500,000*l.* has been published, showing gifts or promises to the amount of more than 250,000*l.* Nearly half of this amount, however, is given to the Petroleum Mining Endowment Fund, and, whilst making the University unique as a centre of instruction and research in this particular branch of engineering, it will not be directly available for relieving the general indebtedness. The largest single gift is an anonymous one of 50,000*l.* for the general fund. A sum of 5000*l.* is earmarked for a chair of Italian, and an equal amount is given by the James Watt Memorial Fund for a James Watt research chair in engineering. The Birmingham Small Arms Co. gives 6500*l.*, and the Daimler Co. 3500*l.* A gratifying feature of the list is the number of names of old students who have contributed. The Birmingham Chamber of Commerce has given 3200*l.*, and the Worcestershire Education Committee has made an additional grant of 200*l.* per annum. It is announced that a second list will be issued shortly, and it is to be hoped that more of the large firms in the city and neighbourhood will appear therein.

CAMBRIDGE.—Mr. A. F. R. Wollaston has been elected a fellow of King's College for his explorations in the Sudan, Ruwenzori, Pacific, and Dutch New Guinea.

DR. W. T. DAVID has been appointed professor of engineering at the University College of South Wales and Monmouthshire, Cardiff.

It is announced that Prof. H. MacLean, professor of chemical pathology in the University of London, has been appointed director of the clinical medical unit at St. Thomas's Hospital. The appointment of a physiologist and biochemist to be director of a clinical medical unit is significant as indicating the modern tendency of medicine towards recognition of the value of the work of the scientific investigator for purely medical fields.

THE University of Manchester has recently received a bequest of 30,000*l.*, free of duty, under the will of the late Mr. Jesse Haworth. The amount is to be used for the purpose of enlarging the present Jesse Haworth Building for Egyptology. Mr. Haworth, to whose generosity the University owes the greater part of its valuable Egyptological collection, was always a most generous benefactor to the museum, and shortly before his death subscribed 10,000*l.* to the University Appeal Fund, this amount being earmarked for museum purposes. The University Appeal Fund now stands at about 217,000*l.*

THE Toronto correspondent of the *Times* reports that complete success is anticipated in the centennial endowment campaign to raise 1,000,000*l.* for McGill University, Montreal. Up to November 16 ten individual subscriptions of 20,000*l.* each, one of 10,000*l.*, and nine of 5000*l.* had been received. Among the chief contributors are Lord Atholstan, Mr. R. B. Angus, Col. Molson, Mr. J. W. McConnell, Sir Herbert Holt, and the Dominion Textile Co. On November 20 it was reported that the endowment fund exceeded 800,000*l.* Among the later heavy subscriptions are 50,000*l.* each by the Canadian Pacific Railway, the Bank of Montreal, and the Royal Bank, and 25,000*l.* by the Merchants' Bank.

THE annual general meeting of the Science Masters' Association will be held at Oxford from the evening of Tuesday, January 4, 1921, to the morning of the following Friday. Lodging accommodation for

members of the association will be provided in the rooms of Balliol and Trinity Colleges. Meals will be served in Balliol College hall. Lectures, discussions, and demonstrations will take place in the lecture-rooms and laboratories of the University. The provisional programme includes the following addresses and lectures:—President's address: Some Aspects of Science and Education, A. Vassall; Indicators and the Law of Mass Action, Brig.-Gen. H. Hartley; The Study of Crystals, T. V. Barker; Glass Blowing, B. Lambert; Recent Advances in Genetics, J. S. Huxley; Spectroscopy, Prof. T. R. Merton; and The Hedjaz, Dr. D. G. Hogarth.

THE Hudson Bay Company, as one means of celebrating the 250th anniversary of its foundation and its long connection with Western Canada and with Winnipeg, recently offered the University of Manitoba a fellowship of the annual value of fifteen hundred dollars for the years 1920-29 inclusive. This fellowship, which the University has gratefully accepted, will be called the Hudson Bay Company Research Fellowship, and is open to graduates of any Canadian university. It is tenable at the University of Manitoba, and each fellow must devote his entire time to original research in some branch of pure or applied science (*i.e.* the natural and physical sciences, the medical sciences, engineering, and agriculture). Each fellow will be appointed for one year, and the first appointment will be made at an early date. The company and the University of Manitoba are to be congratulated upon the creation of this important research benefaction.

THE mayoral statement for 1920 of the Huddersfield Technical College has been issued. During the session there were 658 day and 2590 part-time students; the latter figure included some 300 apprentices who attended special afternoon classes. The total number of students enrolled showed an increase of 876 above the number for the previous year. Ex-Service students accounted in part for the large increase in numbers: those under the Board of Education scheme for the higher education of ex-Service students received training in industrial and general science; the remainder, under the Ministry of Labour industrial training scheme, had a more direct and practical training in numerous crafts and trades. The textile and the dye departments have been enlarged and a new research laboratory has been added to the chemical section, though the demand made by the increase in the numbers of students on the staff of the college has left little opportunity for the pursuit of such studies. External classes in non-vocational subjects have also been established. Two gifts have been received for the endowment of scholarships; one, to be known as the Joseph Blamires scholarship for chemical research, made by Mrs. Blamire, and another, a textile scholarship, made by Sir Charles Sykes.

Societies and Academies.

LONDON.

Zoological Society, November 2.—Sir Sidney F. Harmer, vice-president, in the chair.—Dr. A. Willey: A note on the respiratory movements of *Necturus* and *Cryptobranchus*.—J. H. Lloyd: Some observations on the structure and life-history of the common nematode of the dogfish, *Scyllium canicula*.—Mrs. O. A. Merritt Hawkes: Observations on the life-history, biology, and genetics of the lady-bird beetle, *Adalia bipunctata*, Mulsant.—Prof. H. R. Mehra: The sexual phase in certain Indian *Naïdidae* (*Oligochaeta*).