

produce such changes in diet as indicate that the low nutritional-level of the major sections is more a function of economic conditions than of racial tradition or disposition. The exported food of the world as a whole shows a markedly erratic distribution: for example, the English-speaking countries and parts of Western Europe absorbed in times of peace almost the whole of the fruit and sugar which came on to the world markets. What is to be the policy of these favoured countries in a world governed by the principles of the Atlantic Charter?

Social and Industrial Environment and Disease

HIPPOCRATES, in a famous passage, said that in forming a judgment on the outcome of illness not only the individual nature of the patient but also his environment, physiological and psychological, must be considered. This formed the text for a Chadwick Public Lecture delivered on February 23 by Prof. M. Greenwood, who suggested practicable lines of study for the medical student. In the first place, some knowledge of the housing position of England and Wales, as it was and is, is necessary. It is easy to forget that, in some parts of the country, the housing position is still very bad, and that re-housing schemes have not always been successes. In the next place, although scientific study of the influence of occupation on health is hundreds of years old, the earlier work was mainly devoted to specific occupational hazards, the noxious dusts and fumes. More general work on environmental effects is a generation old, but has been greatly neglected in education. Evidence of this is that at the beginning of the present war, and indeed still, the work of the Health of Munition Workers Committee and its successor, the Industrial Health Research Board, has been very largely ignored. One reason for this is that medical students and practitioners, overburdened by the demands of an ever-lengthening curriculum, have neither the training nor the leisure to study papers often of a technical character written by research workers who are usually not members of the medical profession. To prepare the way for improvement it is desirable that all medical students should receive an elementary training in statistical method. Both epidemiology and general social hygiene, because they are concerned with groups rather than individuals, must employ methods of averaging, that is, statistical methods. It is also necessary that more serious attention should be paid to the study of psychology.

Institute of Chemistry

At the sixty-fifth annual general meeting of the Institute of Chemistry, Dr. J. J. Fox, the retiring president, said that the roll has increased to 8,250 fellows and associates and more than 950 students. The Institute has joined with the Institute of Physics and representatives of other sciences in forming a Joint Council of Professional Scientists to watch their common interests and give expression to the opinions of professional scientists as occasions arise. The Joint Council is in touch with the appropriate authorities in considering the probable position of scientific workers after the War. There has been much discussion among chemists on the future policy of the Institute and on the possibility of closer co-operation between the various organizations devoted to the science and profession. The main objects of the Institute are to promote the education and train-

ing of professional chemists, to hold examinations, to grant certificates of competency, to organize and register the competent, and to render every possible assistance to the Government, industry and commerce by encouraging the employment of chemists. Endeavours to promote co-operation at the present time by means of joint membership have not been so well supported as had been hoped by the Chemical Council, a body constituted under a deed of agreement between the Institute, the Chemical Society and the Society of Chemical Industry, which has now been asked to consider the possibility of co-ordinating the services performed by the various bodies for chemists and chemistry. Prof. Alexander Findlay, of the University of Aberdeen, has been elected president of the Institute.

University of London

THE title of professor emeritus of botany in the University of London has been conferred on Prof. R. Ruggles Gates on his retirement from the chair of botany at King's College.

The degree of D.Sc. has been conferred on: Mr. A. G. Gaydon (Imperial College of Science and Technology); Mr. S. H. Jenkins (Rothamsted Experimental Station); Mr. J. T. Martin (Rothamsted Experimental Station); Mr. C. B. Taylor (Rothamsted Experimental Station); Mr. A. F. B. Zeuner (Institute of Archaeology).

The William Julius Mickle fellowship has been awarded to Prof. E. C. Dodds, Courtauld professor of biochemistry in the Middlesex Hospital Medical School.

Foreign Books and Translations

MR. JOHN HAMPDEN, director of the Books and Periodicals Department of the British Council, is appealing for books of every type in Arabic, Chinese, Czech, Danish, Dutch, modern Greek, Norwegian, Polish, Serbo-Croat and Urdu for presentation to institutions and individuals in the British Empire, foreign countries and among men of the Allied fighting services and merchant seamen in Great Britain. Standard works, including advanced text-books, in French are also required. Translations into any of these languages of standard works in English would be particularly welcome. Offers should be addressed to the British Council (Foreign Books), The College, South Leigh, near Witney, Oxford.

Social Welfare in the Colonies

A COLONIAL Social Welfare Advisory Committee has been appointed by the Secretary of State for the Colonies to advise him on problems affecting the social welfare of urban and rural communities in the Colonies, on the training of social welfare workers, and on allied matters. The Committee consists of: The Duke of Devonshire, Parliamentary Under-Secretary of State (*chairman*); Sir Charles Jeffries, Assistant Under-Secretary of State (*vice-chairman*); Prof. A. M. Carr-Saunders, director, London School of Economics and Political Science; Miss Margery Fry, well-known authority on juvenile delinquency; Miss L. Harford, chief woman officer, National Council of Social Service; Mr. J. Longland, director of education, Dorset; Mr. E. H. Lucette, secretary, Dr. Barnardo's Homes; Miss Margaret Nixon, chief superintendent of welfare at the Admiralty; Mr. A.

Paterson, Prison Commissioner; Dr. Audrey Richards, Social Services Department, Colonial Office; and Miss Eileen Younghusband, principal officer for training and employment, National Association of Girls' Clubs.

Royal Society of Edinburgh: New Fellows

THE following have been elected ordinary fellows of the Royal Society of Edinburgh: Dr. A. T. Andreasen, principal of the Orissa Medical School, India; Mr. A. H. R. Ball, rector of the Royal High School, Edinburgh; Mr. J. G. Chalmers, Chemistry Department, University of Edinburgh; Mr. J. B. Crawford, treasurer of the Bank of Scotland, Edinburgh; Dr. R. G. M. Dakers, Heriot-Watt College, Edinburgh; the Right Hon. William Y. Darling, Lord Provost of the City of Edinburgh; the Right Hon. John Dewar, Baron Forteviot of Dupplin; Mr. N. Dobson, Ministry of Agriculture's Veterinary Laboratory, Weybridge, Surrey; Dr. A. Dunbar, Edinburgh; Dr. H. R. Fletcher, Government botanist, Edinburgh; Prof. R. Fürth, Dewar research fellow, University of Edinburgh; Prof. J. H. Gaddum, professor of *materia medica*, University of Edinburgh; Prof. A. C. Hardy, regius professor of natural history, University of Aberdeen; Mr. W. B. Hislop, Edinburgh; Mr. J. D. Imrie, City Chamberlain, Edinburgh; the Right Hon. Thomas Johnston, Secretary of State for Scotland; Mr. D. K. Kevan, secretary, Ministry of Supply (Timber Control), Edinburgh; Dr. Robert Kirk, Kitchener School of Medicine, Khartoum; Mr. C. C. Learmonth, secretary, Merchant Company, Edinburgh; Prof. C. H. Lobban, professor of civil engineering, King's College, University of London; Mr. Robert Lyon, principal, Edinburgh College of Art; Mr. W. W. McClelland, executive officer to the National Committee for the Training of Teachers; Mr. G. MacKenzie, general manager, British Linen Bank, Edinburgh; Colonel G. H. G. McLean, Glasgow; Mr. Duncan Macnaughton, Edinburgh; Dr. G. C. McVittie, King's College, University of London; Dr. D. M. Morison, Royal Hospital for Sick Children, Edinburgh; Dr. Charles Ockrent, Glasgow; Prof. J. M. Robertson, Gardiner professor of chemistry, University of Glasgow; Prof. W. M. Smart, regius professor of astronomy, University of Glasgow; Dr. W. J. Stuart, consulting surgeon, Royal Infirmary of Edinburgh; Mr. J. M. Thomson, secretary, Scottish Education Department; Dr. E. Warhurst, Heriot-Watt College, Edinburgh; Dr. T. S. Westoll, Department of Geology, University of Aberdeen; Dr. R. W. Wheldon, Department of Agriculture, University of Durham; Mr. H. H. Wood, Department of English Literature, University of Edinburgh.

Announcements

THE Council of the Royal Society of Edinburgh has awarded the Makdougall-Brisbane Prize for the period 1938-1942 to Sir William Wright Smith, regius professor of botany in the University of Edinburgh, for his papers within the period of the award, and in recognition of his valuable contributions to systematic botany.

DR. LESLIE H. LAMPITT, chief chemist and a director of Messrs. J. Lyons and Co., Ltd., has been awarded the Society of Chemical Industry's Medal, which is given for conspicuous services to the Society.

Dr. Lampitt has served on the Council of the Society for many years and has been its honorary foreign secretary and is now its honorary treasurer. He is also chairman of the Chemical Council. He has published many papers on foodstuffs research.

It was announced in the House of Commons on February 24 that the Secretary of State for the Colonies has appointed Prof. A. M. Carr-Saunders, director of the London School of Economics, Sir Hubert Henderson, research fellow in economics, All Souls College, Oxford, and Sir John Caulett, chairman of Barclays Bank (Dominion, Colonial and Overseas), to the Colonial Research Committee (see NATURE, July 4 and 11, 1942, pp. 17 and 51).

THE Council of the Institution of Naval Architects has awarded the Gold Medal of the Institution for the year 1942 to Mr. W. C. S. Wigley, for his paper "Calculated and Measured Wave Resistance of a Series of Forms Defined Algebraically, the Prismatic Coefficient and Angle of Entrance being Varied Independently". The Wakeham Prize for 1942 has been awarded to Mr. N. Hancock, for his paper "Blade Thickness of Wide-Bladed Propellers".

DR. ALASTAIR FRAZER, reader in pharmacology, has been appointed to the newly created chair of pharmacology in the University of Birmingham.

THE Coopers Hill War Memorial Prize and Medal, founded by members of the Royal Indian Engineering College, Coopers Hill, in commemoration of members of the College who fell during the War of 1914-18, is awarded annually by the Institution of Civil Engineers and triennially in turn by the Institution of Electrical Engineers, the School of Military Engineering, Chatham, and the School of Forestry, Oxford. The triennial award falls this year to the Council of the Institution of Electrical Engineers, which has decided to invite members to submit for consideration a paper on any subject coming within the scope of electrical science or electrical engineering and their applications. Only corporate members of the Institution less than thirty-five years of age on January 1, 1943, are eligible. Papers submitted must be specially written for the purpose of the competition and reach the Secretary of the Institution not later than September 1.

APPLICATIONS, which must be received not later than April 15, are invited for the following scholarships awarded by the Council of the Institution of Electrical Engineers. *Duddell Scholarship* (value £150 per annum, tenable for three years), open to British subjects who have passed the matriculation examination of a British university and wish to take up a whole-time day course in electrical engineering; *Silvanus Thompson Scholarship* (value £100 per annum and tuition fees, tenable for two years), for works employees who are British subjects and have served a minimum apprenticeship of three years at an approved electrical engineering works. In consequence of the present regulations of the Ministry of Labour and National Service, these awards can only be made to candidates who were born on or after January 1, 1925, and who could complete a degree course by the end of December 1945. Particulars can be obtained from the secretary of the Institution, Savoy Place, London, W.C.2.