

APPOINTMENTS VACANT

APPLICATIONS are invited for the following appointments on or before the dates mentioned.

EXPERIMENTAL OFFICER (with a degree or diploma in chemistry and appropriate experience) in the CHEMISTRY DEPARTMENT, for handling and analysis of crop and soil samples and to develop analytical methods for nitrogen—The Secretary, Rothamsted Experimental Station, Harpenden, Hertfordshire (December 24).

LECTURER IN CHEMISTRY to teach in O.N.C. and G.C.E. "A" level courses and to assist in the organization of the Science Department; and an **ASSISTANT LECTURER, Grade B, FOR BIOLOGY**, to teach G.C.E. "O" and "A" level biology mainly to full-time courses—The Principal, North-East Essex Technical College and School of Art, Sheepen Road, Colchester, Essex (December 26).

ADMINISTRATIVE SECRETARY (man or woman, with administrative experience, and preferably a degree or qualification in geography or education) to take general charge of the headquarters in Sheffield—The Honorary Secretary, The Geographical Association, 343 Fulwood Road, Sheffield, 10 (December 30).

ENTOMOLOGIST to the Citrus Research Unit, University of the West Indies, Kingston, Jamaica—The Secretary, Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (December 30).

LECTURER or ASSISTANT LECTURER IN LOGIC and METAPHYSICS; and a **LECTURER or ASSISTANT LECTURER IN MORAL PHILOSOPHY**—The Secretary, The University, Aberdeen (December 30).

D.S.I.R. RESEARCH ASSISTANT (honours graduate in engineering or physics) in the DEPARTMENT of MECHANICAL ENGINEERING, to carry out investigations in the field of electrostatic precipitation—Prof. H. E. Rose, King's College (University of London), Strand, London, W.C.2 (December 31).

LECTURER or ASSISTANT LECTURER IN THE SCHOOL of BIOLOGICAL SCIENCES—The Registrar, University of East Anglia, Earlham Hall, Norwich, NOR 05G (December 31).

LECTURER or ASSISTANT LECTURER (or, exceptionally, Senior Lecturer) in **SOCIOLOGY**—The Assistant Registrar, University of Sussex, Stanmer House, Stanmer, Brighton, Sussex (December 31).

LECTURER (with an honours degree with specialization in modern algebra or analysis, and three years teaching experience, preferably at university level) in **MATHEMATICS** at the University of Nigeria, Nsukka, Eastern Nigeria—The London Representative, University of Nigeria, 33 Craven Terrace, London, W.2 (December 31).

SENIOR LECTURER (with high academic qualifications and relevant teaching or industrial or research experience) in **MAMMALIAN PHYSIOLOGY** IN THE DEPARTMENT of **BIOLOGICAL STUDIES**—The Principal, Lanchester College of Technology, Priory Street, Coventry (December 31).

SENIOR LECTURERS, LECTURERS or ASSISTANT LECTURERS IN MATHEMATICS—The Secretary, University of Lancaster, Bailrigg House, Lancaster (December 31).

CHAIR OF PHYSICS—The Registrar and Secretary, University of Sussex, Stanmer House, Stanmer, Brighton, Sussex (January 1).

UNIVERSITY LECTURER IN SOIL SCIENCE—The Secretary of Faculties, University Registry, Oxford (January 1).

LECTURER IN CLINICAL PSYCHOLOGY IN THE DEPARTMENT of **PSYCHOLOGICAL MEDICINE**—The Secretary of the University Court, The University, Glasgow (January 4).

LECTURERS (3) (with a degree in physiology, biochemistry, pharmacology, chemistry, medicine or zoology and postgraduate research experience of Ph.D. or equivalent standard) in **PHYSIOLOGY or BIOCHEMISTRY**—The Deputy Secretary, The University, Southampton (January 8).

SENIOR LIBRARY ASSISTANTS (2), one to take charge of the Library of the Faculty of Agriculture, and one for duties in the David Keir Science Library—The Secretary, The University, Belfast, Northern Ireland (January 8).

ENGINEER or PHYSICIST (with a good honours degree in engineering or physics and either research experience of Ph.D. standard or good practical civil engineering experience) in **THE BUILDING SCIENCE LABORATORIES**, to work under the direction of Dr. G. H. Tattersall, on work connected with industrialized building and compaction of concrete by vibration—The Registrar, The University, Sheffield (January 9).

LECTURER or ASSISTANT LECTURER IN MATHEMATICAL STATISTICS, to work with an existing group of five members of staff—The Registrar, The University, Manchester, 13 (January 9).

LECTURER (preferably with main interests in the field of inorganic or theoretical chemistry) in **THE DEPARTMENT of CHEMISTRY**—The Assistant Registrar (Science), The University of Birmingham, Birmingham, 15 (January 11).

UNIVERSITY LECTURER IN GEOCHEMISTRY IN THE DEPARTMENT of **GEOLOGY AND MINERALOGY**—The Professor of Geology, Department of Geology and Mineralogy, University Museum, Oxford (January 11).

ASSISTANT LECTURER IN PHYSIOLOGY at the University of Hong Kong—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Hong Kong and London, January 15).

ASSISTANT LECTURERS (3) in **PHILOSOPHY**—The Registrar, Room (T), The University, Hull (January 15).

CHAIR of CROP HUSBANDRY and HORTICULTURE at the University of Ghana—The Assistant Registrar, University of Ghana Overseas Office, 15 Gordon Square, London, W.C.1; or The Registrar, University of Ghana, P.O. Box 25, Legon, Accra, Ghana (January 15).

LECTURER IN ENGINEERING SCIENCE—The Registrar and Secretary, University of Durham, Old Shire Hall, Durham (January 15).

LECTURERS or ASSISTANT LECTURERS (with a recognized honours degree in civil, mechanical or electrical engineering, experience in research, and preferably practical experience and experience of teaching at degree level) in **THE DEPARTMENT of ENGINEERING**, University of Malaya—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Kuala Lumpur and London, January 15).

SENIOR LECTURER IN THE DEPARTMENT of **ANATOMY** at the University of the Witwatersrand, Johannesburg, South Africa—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (South Africa and London, January 15).

SENIOR LECTURER or LECTURER IN THE DEPARTMENT of **ZOOLOGY**, University of Khartoum—The Registrar, University of Khartoum, c/o Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (January 15).

SENIOR LECTURER or LECTURER (qualified veterinarian with postgraduate clinical teaching and research experience) in **THE DEPARTMENT of VETERINARY MEDICINE, TOXICOLOGY and THERAPEUTICS**, at the University of Khartoum—The Registrar, University of Khartoum, c/o The Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (January 15).

SENIOR TECHNICIAN or TECHNICIAN IN THE DEPARTMENT of **BIOCHEMISTRY AND SOIL SCIENCE**, University of Khartoum—The Registrar, University of Khartoum, c/o Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (January 15).

LECTURER IN PHILOSOPHY—The College Secretary, Balliol College, Oxford (January 16).

ASSISTANT RESEARCH FELLOW IN **SOCIOLOGY, ANTHROPOLOGY or SOCIAL PSYCHOLOGY** at Makerere University College, Uganda—The Secretary, Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (January 20).

LECTURER IN PSYCHOLOGY at the University of Cape Town—The Secretary-General, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1; and The Registrar, University of Cape Town, Private Bag, Rondebosch, Cape Town, South Africa (January 20).

READER IN EXTRACTION METALLURGY at Imperial College—The Academic Registrar, University of London, Senate House, London, W.C.1 (January 20).

LECTURER (with an honours degree in pharmacy, and preferably Registered Pharmacist with a higher degree and teaching or industrial experience) in **PHARMACY** at the University of Queensland, Australia—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (London and Brisbane, January 22).

SENIOR LECTURER or LECTURER IN APPLIED MATHEMATICS—The Registrar, Room (T), The University, Hull (January 26).

LECTURER or ASSISTANT LECTURER (with interests in soil mechanics) in **ENGINEERING**—The Registrar, The University, Manchester, 13 (January 30).

LECTURER (preferably interested in numerical analysis or a related field) in **PURE MATHEMATICS** in the Faculty of Science—The Registrar, The University, Manchester, 13 (January 30).

RESEARCH FELLOW IN MATHEMATICS—The Secretary of the University Court, The University, Glasgow (January 30).

TUTORIAL FELLOW IN BIOCHEMISTRY—The Senior Tutor, University College, Oxford (January 30).

UNIVERSITY LECTURER IN BIOCHEMISTRY—Professor Sir Hans Krebs, F.R.S., Department of Biochemistry, South Parks Road, Oxford (January 30).

AGRICULTURAL ENGINEER (with a degree in agricultural engineering or mechanical engineering with postgraduate qualifications in agricultural engineering, and some practical experience) in Mauritius, to design or modify machinery and equipment for agricultural use in the Colony, to design and install pilot mechanical plants relating to indigenous agricultural development and for general consulting and engineering work—The Appointments Officer, Room 301, Ministry of Overseas Development, Eland House, Stag Place, London, S.W.1, quoting R.F. RC 213/111/01.

AGRICULTURAL OFFICERS (national of the United Kingdom or the Republic of Ireland, with a degree in agriculture or natural science, plus at least two years experience of tropical agriculture) in Sarawak, for the administration of an Agricultural Division, comprehensive advisory and supervisory duties and supervision of experiment stations and staff training—The Appointments Officer, Room 301, Ministry of Overseas Development, Eland House, Stag Place, London, S.W.1, quoting RC 213/155/04.

ASSISTANT LECTURER (with a good honours degree in biology or zoology) in **BIOLOGY**—The Registrar, University of Strathclyde, George Street, Glasgow, C.1.

CHAIR of PHYSIOLOGY—The Registrar and Secretary, The University, Bristol.

LECTURER IN OPERATIONAL RESEARCH and APPLIED STATISTICS—The Academic Registrar, Loughborough College of Technology, Loughborough, Leicestershire, quoting Ref. 27/G.

LECTURER IN THE DEPARTMENT of PHYSICS, University of the Witwatersrand, Johannesburg, South Africa—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1.

LECTURERS or SENIOR LECTURERS (with a first- or second-class honours degree or equivalent) in **PHYSICS**—The Registrar, Royal Military College of Science, Shrivenham, Swindon, Wilts.

MASTER to take charge of Biology; and a **CHEMISTRY MASTER** to teach up to G.C.E. "A" level and scholarship—The Rector, The Edinburgh Academy, Edinburgh, 3.

PHYSICISTS and PHYSICAL CHEMISTS (preferably with a minimum of three years research experience) to work on various problems in the fields of membrane permeation, polymer structure and its relation to electrical behaviour; and **ORGANIC CHEMISTS** to work on interesting problems in the carbohydrate field in connexion with the utilization of natural products—The Director, Arthur D. Little Research Institute, Inveresk, Musselburgh, Midlothian, Scotland.

PHYSICS TECHNICIAN (with G.C.E. "A" levels in mathematics or physics), or a **RADIOGRAPHER** IN THE **RADIOTHERAPY DEPARTMENT** for work on clinical application of isotope techniques—The Assistant Secretary, University College Hospital, Gower Street, London, W.C.1.

PLANT PHYSIOLOGIST (national of the United Kingdom or the Republic of Ireland, with a good second-class honours degree in botany, with particular emphasis on physiology, ecology, and preferably postgraduate experience in plant physiology research, with particular reference to water shortage on plant growth) with the East African Common Services Organization, to carry out research on agreed problems in the physiology of root development and growth in some East African economic plants, with particular reference to the effects of water stress—The Appointments Officer, Room 301, Ministry of Overseas Development, Eland House, Stag Place, London, S.W.1, quoting RC 213/214/010.

RESEARCH ASSISTANT (with an honours degree or a Diploma in Technology, and preferably some familiarity with semi-conductor circuits, optics or the design of small instruments) in **THE DEPARTMENT of MATHEMATICS** for daylight star detection—The Secretary and Registrar, Bristol College of Science and Technology, Ashley Down, Bristol, 7, quoting Ref. CST 64/111.

RESEARCH FELLOW (with the degree of Ph.D. or about to submit a Ph.D. thesis in organic chemistry) in **THE DEPARTMENT of CHEMISTRY** for an investigation concerned with the synthesis of heterocyclic compounds of potential therapeutic interest—The Professor of Chemistry, Room (T), The University, Hull.

SENIOR LABORATORY TECHNICIAN (with specialized skill in either botany or zoology and a general familiarity with the techniques in the other subject for supervision purposes) in **THE DEPARTMENT of BOTANY and ZOOLOGY**—The Secretary, Sir John Cass College, Jewry Street, London, E.C.3.

SENIOR TECHNICIAN (with extensive experience of machine tools) to assist in construction of a vacuum system, magnets and associated equipment for a 15 MeV Linear Accelerator—The Secretary, The Medical College of St. Bartholomew's Hospital, West Smithfield, London, E.C.1.

TEACHING and RESEARCH ASSISTANTS leading to M.Sc. and Ph.D. degrees—Head, Department of Biochemistry, University of Alberta, Edmonton, Alberta, Canada.