

## APPOINTMENTS VACANT

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

**CURATOR** (with a degree in geology) IN THE GEOLOGY DEPARTMENT—Head of the Geology Department Imperial College, South Kensington, London, S.W.7 (July 23).

**LECTURER** (with special interests in animal husbandry) IN AGRICULTURE—The Registrar, The University, Nottingham (July 28).

**DEMONSTRATORS** (with an honours degree in chemistry) IN CHEMISTRY—The Registrar, College of Technology, Manchester (July 29).

**SCIENTIFIC OFFICER or SENIOR SCIENTIFIC OFFICER** (with a first- or second-class honours degree in physics or chemistry, and with several years experience in the study of surface chemistry), to work on problems associated with the surface chemistry of materials of interest in the nuclear energy field—The Establishment Officer, Atomic Energy Research Establishment, Harwell, Berks (July 29).

**LECTURERS** (with a good honours degree in electrical engineering) IN ELECTRICAL ENGINEERING—Head of the Electrical Engineering Department, City and Guilds College, London, S.W.7 (July 30).

**RESEARCH ASSISTANT** (with a good degree in botany and high qualifications in chemistry and with physics to at least introductory level) TO THE PROFESSOR OF PLANT BIOPHYSICS in the Department of Botany, to study problems in growth and senescence of apple cell walls using electron microscopy and other physical methods—The Registrar, The University, Leeds 2 (July 30).

**SENIOR LECTURER** (with high academic and research qualifications) IN ORGANIC CHEMISTRY—The Clerk to the Governors, Woolwich Polytechnic, London, S.E.18 (July 30).

**ASSISTANT IN MATHEMATICS, and an ASSISTANT IN STATISTICS**—The Secretary, The University, Aberdeen (July 31).

**CHAIR OF CHEMISTRY**—The Secretary, The University, Aberdeen (July 31).

**LECTURER** (preferably with an interest in low-temperature physics or in the theory of the solid state) IN PHYSICS, at St. Salvator's College—The Secretary, University of St. Andrews, College Gate, St. Andrews (July 31).

**DEMONSTRATOR** (with a good honours degree in chemistry or biochemistry, and prepared to engage in research in biochemistry with a view to obtaining a higher degree in this subject) IN THE DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY—The Dean, St. Thomas's Hospital Medical School, London, S.E.1 (August 3).

**SCIENTIFIC ASSISTANT** (with a knowledge of systematic zoology and/or foreign languages), for duties which will include abstracting, indexing and proof reading—Commonwealth Bureau of Agricultural Parasitology (Helminthology), Winches Farm Drive, Hatfield Road, St. Albans, Herts (August 4).

**PRINCIPAL SCIENTIFIC OFFICER** (with an honours degree in civil engineering or Corporate Membership of the Institute of Civil Engineers) AT THE ROAD RESEARCH LABORATORY, Harmondsworth, Middlesex, to take charge of full-scale experiments in bituminous road construction and occupy a senior position in the section dealing with research on bituminous materials—The Civil Service Commission, Scientific Branch, 30 Old Burlington Street, London, W.1, quoting S4355/54 (August 12).

**ASSISTANT IN RESEARCH IN ANIMAL PHYSIOLOGY; an ASSISTANT IN RESEARCH IN SOIL CHEMISTRY, and an ASSISTANT IN RESEARCH IN AGRICULTURAL ENGINEERING**—The Secretary, School of Agriculture, Downing Street, Cambridge (August 13).

**LECTURER or ASSISTANT LECTURER** (preferably with experience of University teaching and with special qualifications in petrology or geophysics) IN THE DEPARTMENT OF GEOLOGY—The Secretary and Registrar, The University, Southampton (August 13).

**SENIOR LECTURER IN EDUCATION** at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Australia, August 14).

**COLLEGE LECTURER IN ELECTRICAL ENGINEERING, and a COLLEGE LECTURER IN MECHANICAL ENGINEERING**—The Secretary, University College, Cork, Ireland (August 16).

**LECTURER** (with a good honours degree in mechanical engineering and practical experience in industry and teaching) IN MECHANICAL ENGINEERING—The Principal, Wigan and District Mining and Technical College, Wigan (August 16).

**ASSISTANT LECTURER or DEMONSTRATOR** (with a good honours degree in chemistry or biochemistry) IN CHEMICAL PATHOLOGY—The Registrar, The University, Manchester 13 (August 25).

**LECTURER** (preferably with qualifications in the fields of human and regional geography, and a special knowledge of the regional geography of Monsoon Asia and/or the South-West Pacific) IN GEOGRAPHY, at Victoria University College, Wellington, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (New Zealand, August 31).

**LECTURERS (2)** (with a special interest in one or more of the following fields: clinical psychology (with therapeutic experience), experimental and statistical, physiological, social, industrial) IN PSYCHOLOGY, at the University of Natal—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (South Africa, August 31).

**PROFESSOR OF PHILOSOPHY** at the University of Otago, Dunedin, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (New Zealand, August 31).

**SENIOR LECTURER IN PURE MATHEMATICS** at the University of the Witwatersrand, Johannesburg, South Africa—The Secretary Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Johannesburg, August 31).

**PLANT PATHOLOGIST** (with a good degree in botany, including mycology, and preferably with postgraduate research experience or equivalent training in plant pathology or mycology) for research on

fungal diseases of hops and fruit—The Secretary, East Malling Research Station, near Maidstone, Kent (September 1).

**LECTURER IN APPLIED PHARMACOLOGY AND THERAPEUTICS**—The Dean, St. Thomas's Hospital Medical School, London, S.E.1 (September 6).

**LECTURER** (well qualified in organic chemistry, and preferably with experience of the chemistry of vegetable tannins or synthetic dyestuffs) IN THE DEPARTMENT OF LEATHER INDUSTRIES—The Registrar, The University, Leeds 2 (September 13).

**W. J. REES RESEARCH FELLOWSHIP**, tenable in the Department of Refractory Metals in the Faculty of Metallurgy—The Registrar, The University, Sheffield (September 15).

**SENIOR TECHNICIAN** (with some training in zoology and experience in laboratory work, and preferably with a practical knowledge of taxidermy and modelling) IN ZOOLOGY, at Auckland University College, Auckland, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (New Zealand, September 30).

**AGRONOMIST/PLANT BREEDER** (with a degree in agriculture or botany, and preferably with some postgraduate experience) on the Research Staff of the Empire Cotton Growing Corporation, Aden, to work on general problems of agronomy and plant breeding, and selection work on the irrigated cotton crop, and to some extent on food crops; and a **SOIL CHEMIST or PHYSICIST**, to study the soils in Aden Protectorate and possibly Somaliland—The Secretary, Empire Cotton Growing Corporation, 12 Chantrey House, Ecclestone Street, London, S.W.1.

**ASSISTANT EXPERIMENTAL OFFICER** (with at least H.S.C. in science or mathematics) IN THE DEPARTMENT OF ATOMIC ENERGY, Risley, for technical information duties, which include preparation of bibliographies, bulletin of journal references, and maintenance of indexes—The Department of Atomic Energy, Industrial Group Headquarters, Risley, Warrington, quoting 638.

**ASSISTANT EXPERIMENTAL OFFICERS** (with at least H.S.C. in mathematics or science subjects, or equivalent) IN THE DEPARTMENT OF ATOMIC ENERGY, Capenhurst, near Chester, for (a) work in a small computing section (after a period of training); (b) theoretical investigations, under supervision, of problems arising in the development of power producing reactors and diffusion plant; (c) assisting in research concerned with development in fields such as fluid dynamics, mass spectrometry, heat transfer and general physics—The Department of Atomic Energy, Industrial Group Headquarters, Risley, Warrington, quoting 637.

**ASSISTANT LECTURER IN THE DEPARTMENT OF PURE MATHEMATICS**—The Registrar, University College of Wales, Aberystwyth.

**CHEMICAL ENGINEER** (with an honours degree, A.R.I.C., A.M.I. Chem.E., or equivalent qualifications, and at least three years experience in an industrial research organization) IN THE DEPARTMENT OF ATOMIC ENERGY, Sellafield, Cumberland, to lead a team working on chemical engineering problems connected with the development of new processes—The Department of Atomic Energy, Industrial Group Headquarters, Risley, Warrington, quoting 632.

**CHEMIST**, to work in the United Birmingham Hospitals Department of Clinical Endocrinology, on an investigation of protein hormones—The House Governor, Birmingham and Midland Hospital for Women, Showell Green Lane, Birmingham 11.

**ELECTRONICS TECHNICIAN**, to work on the 8 MeV. Linear Accelerator—The Director, Radiotherapeutic Research Unit, Hammersmith Hospital, Duane Road, London, W.12.

**LECTURER, Grade IIA** (with an honours degree or equivalent qualification, and preferably industrial and/or research experience) IN PHYSICS—The Principal, Paisley Technical College, Paisley.

**LECTURER IN MARKET GARDEN AND GLASSHOUSE CROPS**—The Clerk to the Governors, Essex Institute of Agriculture, Writtle, Chelmsford, Essex.

**LECTURER** (with special qualifications in pure mathematics) IN MATHEMATICS—Head of the Mathematics Department, Imperial College, London, S.W.7.

**MASTER TO TEACH PHYSICS** to Scholarship level—The Warden, The College, Llandovery, Carmarthenshire.

**PHYSICIST** (preferably experienced in instrumentation, with particular reference to the inspection and testing of metallic materials)—The British Non-Ferrous Metals Research Association, 81 Euston Street, London, N.W.1.

**PHYSICIST**, to continue fundamental research on surface electrification of polymers—The Secretary, British Rayon Research Association, Heald Green Laboratories, Wythenshawe, Manchester.

**PHYSICIST** (with a good honours degree) for technical assessment and development of inventions chiefly in the applied physics and scientific instrument field—The Secretary, National Research Development Corporation, 1 Tilney Street, London, W.1.

**PHYSICIST or ELECTRICAL ENGINEER** (with an honours degree in physics or electrical engineering), for work with a 1-million-volt cascade generator—Dr. J. F. Loutit, Medical Research Council Radio Biological Research Unit, Atomic Energy Research Establishment, Harwell, Didcot, Berks.

**RESEARCH ASSISTANTS IN CHEMISTRY, PHYSICS AND MATHEMATICS**—The Northern Polytechnic, Holloway, London, N.7.

**RESEARCH OFFICER** (with a first-class honours degree in a natural science and at least two years postgraduate research experience, preferably of freshwater fish and fisheries) with the East African Fisheries Research Organization, to carry out research into the ecology and/or physiology of fish—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting BCD.195/194/02.

**SCIENTIFIC ASSISTANT** (with a degree in agriculture or natural science, and a knowledge of French and German and ability to write clear concise abstracts in English), for duties which will include examining and abstracting world scientific literature on grassland and field-crop research—The Director, Commonwealth Bureau of Pastures and Field Crops, Hurley, near Maidenhead, Berks.

**TECHNICIAN or SENIOR TECHNICIAN** (with some experience of electronic equipment) in the Londonderry Laboratory for Radiochemistry—The Secretary, Science Laboratories, University of Durham, South Road, Durham.