

APPOINTMENTS VACANT

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

JUNIOR RESEARCH FELLOW IN PURE MATHEMATICS—The Registrar, The University, Sheffield (August 4).

TECHNICAL OFFICER IN THE DEPARTMENT OF ORGANIC AND INORGANIC CHEMISTRY, to assist the Superintendent of the Laboratory in his duties, which include responsibility for assistant staff, financial and stores administration, buildings and the application of new and existing laboratory techniques and instrumentation—Dr. P. Maitland, Secretary of the Faculty Board of Physics and Chemistry, Chemical Laboratory, The University, Lensfield Road, Cambridge (August 4).

RESEARCH STUDENT (with a good honours degree in engineering, metallurgy or physics, or expecting to obtain such before 1st October, 1965) for work on surface breakdown friction and wear between unlubricated metal surfaces in sliding contact at speeds up to 250 ft/s.—The Registrar, Queen Mary College (University of London), Mile End Road, London, E.1 (August 6).

SENIOR LECTURER; a **LECTURER**; and an **ASSISTANT LECTURER** IN THE DEPARTMENT OF SOCIOLOGY—The Registrar, University of Strathclyde, George Street, Glasgow, C.1 (August 7).

FELLOW IN THE DEPARTMENT OF STATISTICS OF THE RESEARCH SCHOOL OF SOCIAL SCIENCES, Institute of Advanced Studies, Australian National University, to engage in some branch of statistical research related to the social sciences, to advise other members of the Research Schools of Sciences and Pacific Studies on sampling and other statistical techniques, and to help in the training of students in such techniques—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, August 9).

LECTURER IN COMPUTER SCIENCE IN THE DEPARTMENT OF MATHEMATICS—The Registrar, Queen Mary College (University of London), Mile End Road, London, E.1 (August 13).

LECTURER IN THE DEPARTMENT OF MEDICAL PHYSICS—The Secretary, Royal Free Hospital School of Medicine (University of London), Hunter Street, London, W.C.1 (August 13).

LECTURERS (2) IN THE DEPARTMENT OF EPIDEMIOLOGY AND PREVENTIVE MEDICINE—The Secretary of University Court, The University, Glasgow (August 13).

SENIOR SCIENTIFIC OFFICER/SCIENTIFIC OFFICER (with an honours degree in dairying, agriculture, science or food science, preferably with postgraduate experience in bacteriology) IN THE AGRICULTURAL BACTERIOLOGY DIVISION OF THE MINISTRY OF AGRICULTURE (successful candidate may be required to undertake teaching duties in the Faculty of Agriculture, Queen's University, Belfast)—The Secretary, Civil Service Commission, Stormont, Belfast, 4, Northern Ireland (August 13).

AGRONOMIST (with a degree, preferably with honours, in science or agriculture, and some postgraduate experience in experimental techniques), for work mainly on the control of weeds in sugar beet and other arable crops—The Director, Norfolk Agricultural Station, Sprowston, Norwich, Norfolk (August 14).

CHAIR OF CONTROL ENGINEERING—The Deputy Secretary, The University, Southampton (August 14).

LECTURER IN AGRICULTURAL ZOOLOGY—The Secretary, The University, Aberdeen (August 14).

LECTURER IN BIOLOGICAL CHEMISTRY—The Registrar, The University, Manchester, 13, quoting Ref. 140/65/Na (August 14).

LECTURER (with a special interest in radio chemistry) IN THE DEPARTMENT OF CHEMISTRY—The Secretary, The University, Aberdeen (August 14).

SENIOR LECTURER (honorary consultant status) IN THE DEPARTMENT OF ORTHOPAEDIC SURGERY—The Secretary, The University, Edinburgh (August 14).

STUDENT (man or woman) IN THE CHEMISTRY DEPARTMENT FOR RESEARCH IN INFRA-RED SPECTROSCOPY—The Secretary, Royal Holloway College (University of London), Englefield Green, Surrey (August 14).

RESEARCH FELLOW IN THE SCHOOL OF MATHEMATICAL AND PHYSICAL SCIENCES to join a research group working on defects of solids; both point defects and dislocations are being studied in a wide ranging programme, which includes the use of an electron microscope with liquid helium stage facilities—The Assistant Registrar (Establishment), University of Sussex, Stanner House, Stanner, Brighton, Sussex (August 15).

RESEARCH FELLOW (preferably with research interests in the field of theoretical solid state, nuclear or elementary particle physics) IN THE DEPARTMENT OF MATHEMATICAL PHYSICS—The Assistant Registrar (Science), University of Birmingham, Birmingham 15 (August 15).

JUNIOR RESEARCH FELLOW IN BOTANY—The Registrar, The University, Sheffield (August 21).

SENIOR LECTURER IN MATHEMATICS; a **SENIOR LECTURER IN STATISTICS**; a **LECTURER OR ASSISTANT LECTURER IN MATHEMATICS**; a **LECTURER OR ASSISTANT LECTURER IN STATISTICS**; a **LECTURER OR ASSISTANT LECTURER IN NUMERICAL ANALYSIS AND COMPUTING**; and a **LECTURER OR ASSISTANT LECTURER IN OPERATIONAL RESEARCH**—The Registrar, Ref. 114Y/E, Bradford Institute of Technology, Bradford, 7 (August 23).

LECTURER OR ASSISTANT LECTURER IN PSYCHOLOGY at the University of Otago, Dunedin, New Zealand—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (August 25).

RESEARCH AGRONOMIST; a **SENIOR LECTURER/LECTURER IN AGRICULTURAL BOTANY**; a **RESEARCH BOTANIST/PLANT BREEDER**; a **PLANT INTRODUCTION OFFICER**; and a **PLANT PATHOLOGIST** AT ARMADU BELLO UNIVERSITY, NORTHERN NIGERIA—The Secretary, Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (August 26).

SENIOR LECTURER IN SURGERY—The Registrar, The University, Sheffield (August 28).

ASSISTANT LECTURER (mathematician with qualifications in probability theory and statistics) IN THE DEPARTMENT OF MATHEMATICS—The Secretary, University of Lancaster, Bailrigg House, Lancaster (August 31).

EXPERIMENTAL OFFICER (interested in the design and construction of equipment for a wide range of psychological experiments) IN THE DEPARTMENT OF PSYCHOLOGY—The Registrar, The University, Manchester, 13, quoting Ref. 130/65 (August 31).

LECTURER (graduate, with a good honours degree in sociology, anthropology, or rural sociology) IN SOCIOLOGY IN THE FACULTY OF AGRICULTURAL ECONOMICS, UNIVERSITY OF NEW ENGLAND, ARMIDALE, NEW SOUTH WALES, AUSTRALIA—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, August 31).

SENIOR EXPERIMENTAL OFFICER IN CHARGE OF THE ELECTRON MICROSCOPY LABORATORY—The Deputy Secretary to the Academic Council, University of Belfast, Northern Ireland (August 31).

SENIOR LABORATORY TECHNICIAN (with a knowledge of biophysics) IN THE DEPARTMENT OF PHYSIOLOGY—The Assistant Secretary, Royal Veterinary College, Royal College Street, London, N.W.1 (August 31).

ASSISTANT LECTURER IN BOTANY—The Secretary, The Queen's University, Belfast, Northern Ireland (September 1).

LECTURER OR ASSISTANT LECTURER (graduate in medicine, veterinary science, dentistry or biology) IN THE DEPARTMENT OF HISTOLOGY—The Registrar, The University, Liverpool, quoting Ref. CV/195 (September 1).

LECTURER IN MATHEMATICS AT THE UNIVERSITY OF NEW SOUTH WALES (Broken Hill Division)—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, September 4).

READER (with a special interest in either experimental reactor physics, fluid dynamics or heat transfer) IN NUCLEAR ENGINEERING AT QUEEN MARY COLLEGE—The Academic Registrar, University of London, Senate House, London, W.C.1 (September 13).

KEEPER (with museum experience, a British university degree or equivalent, and preferably the Diploma of the Museums Association) OF THE DEPARTMENT OF NATURAL HISTORY—The Director, City Museum and Art Gallery, Congreve Street, Birmingham 3 (September 20).

LECTURER (with a degree in pure science or agricultural science, and taken zoology to an advanced level) IN AGRICULTURAL ZOOLOGY at Lincoln College (University of Canterbury), New Zealand—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (New Zealand and London, September 25).

MYCOLOGIST (with a good honours degree) to work on soil-borne diseases of cereals—The Secretary, Rothamsted Experimental Station, Harpenden, Herts (September 30).

ASSISTANT LECTURER (with a degree in physiology, pharmacology or pharmacy) IN THE DEPARTMENT OF OPHTHALMIC OPTICS—The Academic Registrar, Northampton College of Advanced Technology, St. John Street, London, E.C.1.

BIOCHEMIST (national of, and permanently resident in, the United Kingdom or the Republic of Ireland, with an honours degree in biochemistry or Association of the Royal Institute of Chemistry, and at least two years postgraduate experience in medical biochemistry in a hospital laboratory) in Uganda, to take charge of the Biochemistry Division of the Laboratory services located in Kampala and serving all parts of the country and all races—Appointments Officer, Ministry of Overseas Development, Room 404, Eland House, Stag Place, London, S.W.1, quoting Ref. RC/205/183/06.

CHAIR OF CHEMICAL ENGINEERING—The Academic Registrar, Loughborough College of Technology, Loughborough, Leicestershire, quoting Ref. 32/G.

POST-DOCTORAL FELLOW IN SOLID STATE PHYSICS for work on the transport and optical properties of molecular crystals—The Registrar, The University, Leicester.

POST-DOCTORAL FELLOW IN THE DEPARTMENT OF PURE AND APPLIED CHEMISTRY, to assist Prof. M. Gordon in fundamental studies on new reproducible covalently linked gels, rubbers and highly branched liquids—Prof. M. Gordon, University of Strathclyde, George Street, Glasgow, C.1.

PRINCIPAL SCIENTIFIC OFFICER (with a good honours degree in a biological subject and considerable experience in ecological research), to assist in the scientific administration of the Council's activities, with particular responsibility in the biological field—The Natural Environment Research Council, Establishments Division, State House, High Holborn, London, W.C.1.

RESEARCH ASSISTANT for investigation of the chemistry of caeruloplasmin and other metallo-proteins—The Secretary, Chemical Pathology Department, St. George's Hospital Medical School, London, S.W.1.

RESEARCH ASSISTANT (with a Ph.D. or B.Sc. or equivalent in chemistry, mathematics or physics, and interested in the application of computer techniques to molecular theory) IN THEORETICAL CHEMISTRY—The Secretary, Royal Holloway College (University of London), Englefield Green, Surrey.

RESEARCH FELLOW OR SENIOR RESEARCH FELLOW (graduate or equivalent, with several years of research experience in ferrous metallurgy, and preferably a knowledge of electron microscopy and fracture mechanics) IN THE DEPARTMENT OF MATERIALS, to participate in a research programme supported by the Science Research Council, into the relationship between metallurgical structure and properties in the weld heat affected zone in low alloy steels, with particular reference to brittle fracture resistance—The Registrar, The College of Aeronautics, Cranfield, Bedford.

RESEARCH STUDENT IN GEOGRAPHY—The Registrar, The University, Hull.

SCIENTIFIC OFFICER OR SENIOR SCIENTIFIC OFFICER (honours graduate, preferably in chemistry, agricultural chemistry or biochemistry) IN THE CHEMISTRY DEPARTMENT, to take part in a research programme on ruminant nutrition concerned mainly with the relationship of the feeding, digestion and metabolism of the cow to the secretion of fat, protein or lactose in milk—The Secretary, National Institute for Research in Dairying (University of Reading), Shinfield, Reading, quoting Ref. 65/N/10.

SCIENTIFIC OFFICER (with a good honours degree in biochemistry or chemistry, and with a particular interest in lipid metabolism) to investigate the interrelationship between sterol and fatty acid metabolism in animals—The Secretary, National Institute for Research in Dairying (University of Reading), Shinfield, Reading, quoting Ref. 65/N/11.

SENIOR ANIMAL TECHNICIAN (male, 25 years of age or over, and at least an Associate of the Animal Technicians Association, and experience or interest in SPF and germ-free techniques) for interesting work in modern, well equipped laboratory animal houses—The Director, Laboratory Animals Centre, M.R.C. Laboratories, Woodmansterne Road, Carshalton, Surrey.

SENIOR LECTURER (veterinary graduate with postgraduate qualifications or an honours graduate with a science degree majoring in anatomy and physiology or biochemistry) IN ANIMAL HUSBANDRY (Meat Production) at the University of Queensland, Australia—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1.

SENIOR RESEARCH ASSOCIATE IN THE SCHOOL OF CHEMICAL SCIENCES for work in the preparation and spectroscopic study of dissymmetric aromatic molecules or coordination compounds.—Prof. S. F. Mason, School of Chemical Sciences, University of East Anglia, Wilberforce Road, Norwich, NOR 7TH.

S.R.C. POSTDOCTORAL FELLOW (spectroscopist, physicist or physical chemist) for a research project (already partially completed) concerned with the scattering of light in liquids and gases using a laser source.—Dr. A. J. Hyde, Department of Pure and Applied Chemistry, University of Strathclyde, George Street, Glasgow, C.1.

REPORTS and other PUBLICATIONS

Great Britain and Ireland

- Annual Report of the Birmingham University Appointments Board for 1964. Pp. 8. (Birmingham: The University, 1965.) [46]
 Smith Kline and French Foundation. Second Annual Report 1964. Pp. 8. (Welwyn Garden City, Herts: Smith Kline and French Foundation, 1965.) [46]
 Fifth Special Report from the Estimates Committee, Session 1964-65—Temporary Technical or Scientific Assistance for Sub-Committees. Pp. 4.