

FORTHCOMING EVENTS

Wednesday, September 20

INSTITUTE OF PETROLEUM (at 61 New Cavendish Street, London, W.1), at 5.30 p.m.—Dr. W. Domzalski: "Airborne Techniques in Petroleum Exploration".

Thursday, September 21—Friday, September 22

ROYAL ENTOMOLOGICAL SOCIETY OF LONDON (at the Imperial College of Science and Technology, South Kensington, London, S.W.7)—Symposium on "Insect Polymorphism".

APPOINTMENTS VACANT

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

MYCOLOGIST (with an honours degree in botany, with specialization in plant pathology) at the States' Experimental Station (Department of Agriculture)—The Establishment Officer, States' Greffe, Jersey, C.I. (September 23).

RESEARCH DEMONSTRATOR (graduate in botany) to engage in research, preferably in plant physiology and biochemistry, plant pathology and ecology; and a RESEARCH ASSISTANT (graduate in botany or graduating this year), to assist the Professor in the establishment and maintenance of a collection of plant organ and tissue cultures and in research involving these cultures—The Registrar, University College, Singleton Park, Swansea (September 23).

LECTURER IN THE DEPARTMENT OF ELECTRICAL ENGINEERING—The Registrar, The University, Leeds (September 25).

PROFESSORS OF CROP HUSBANDRY AND HORTICULTURE; ANIMAL HUSBANDRY AND HEALTH; and AGRICULTURAL ECONOMY at the University of Ghana—The Assistant Registrar (London), University of Ghana, 15 Gordon Square, London, W.C.1 (September 25).

SCIENTIFIC OFFICER or SENIOR SCIENTIFIC OFFICER (physicist, chemical or mechanical engineer), to join a group studying the growth and spread of fire in and between buildings—The Director, Fire Research Station (D.S.I.R.), Borehamwood, Elstree, Herts (September 25).

LECTURER (with at least an honours degree in geology, together with special qualifications to teach geomorphology to the fourth year (honours) level in the Department of Geography) IN GEOGRAPHY AND GEOLOGY at the University of Natal, Pietermaritzburg—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (South Africa and London, September 30).

RESEARCH ASSISTANT (graduate or postdoctoral), to work on rapid high temperature reaction kinetics, fundamental flame properties, flame spectroscopy and allied subjects—Dr. G. Dixon-Lewis, Houldsworth School of Applied Science, The University, Leeds 2 (September 30).

RESEARCH ASSISTANT (with a degree in botany or equivalent qualifications) IN THE DEPARTMENT OF BOTANY—Dr. A. G. Smith, Department of Botany, The Queen's University of Belfast, Belfast 7 (September 30).

SCIENTIFIC OFFICER or SENIOR SCIENTIFIC OFFICER (with research experience in enzymology and/or protein chemistry, and some knowledge of, and interest in, fundamental genetic problems), initially to assist in current research on the effects of mutation on the structure of specific proteins in the mould *Neurospora crassa*—The Secretary, John Innes Institute, Bayfordbury, Hertford, Herts (September 30).

VICE-PRINCIPAL (with a good university degree and preferably higher qualifications and Associate Membership of one of the engineering institutions, and a sound technical background and experience in a similar capacity) of the Khartoum Technical Institute, Sudan—The Appointments Section, Sudan Embassy, 3 Cleveland Row, St. James's, London, S.W.1 (September 30).

VOKES RESEARCH FELLOW (preferably with a special interest in fluids or elastic theory) IN THE DEPARTMENT OF MECHANICAL ENGINEERING—The Secretary and Registrar, The University, Southampton (September 30).

LECTURER or ASSISTANT LECTURER (preferably with special qualifications and interests in cytology and genetics, or in protozoology, or in the ecology of terrestrial animals) IN THE DEPARTMENT OF ZOOLOGY, University of Ghana—The Assistant Registrar (London), University of Ghana, 15 Gordon Square, London, W.C.1 (October 2).

LECTURER IN BOTANY AND ASSISTANT CURATOR OF THE BOLUS HERBARIUM, University of Cape Town, South Africa—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (South Africa and London, October 4).

LECTURER IN PHILOSOPHY; and a LECTURER IN PSYCHOLOGY at the University of Kong Hong—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Hong Kong and London, October 13).

CHAIR OF CHEMISTRY in the Royal College, Nairobi—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (October 15).

LECTURER (with a science degree specializing in geology and research experience to Ph.D. or comparable level, and well trained in modern mineralogical techniques) IN GEOLOGY at the University of Queensland, Australia—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, October 15).

READER IN HUMAN GENETICS IN THE DEPARTMENT OF ZOOLOGY, University of Melbourne, Australia—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (October 15).

LECTURER (with a veterinary qualification) IN ANIMAL HUSBANDRY IN THE SCHOOL OF VETERINARY MEDICINE—The Registrar, Trinity College, Dublin, Republic of Ireland (October 16).

READER IN MICROBIOLOGY at the University of Adelaide, Australia—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia, October 16).

SENIOR LECTURER IN PHYSICS at the Australian National University, Canberra—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, October 21).

SENIOR LECTURER (preferably with research experience in low temperature physics) IN PHYSICS at the University of Western Australia—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, October 21).

SCIENTIFIC OFFICER (with a first- or second-class honours degree in physics), to work on transmission of sound through panels and solid structures—The Director, Building Research Station (D.S.I.R.), Garston, near Watford, Herts, quoting Ref. BRS.32Y (October 24).

TEACHING FELLOWS (with an appropriate honours degree) IN THE DEPARTMENT OF BIOCHEMISTRY (two appointments); and in the DEPARTMENT OF BOTANY (one appointment), University of New South Wales, Australia—The Agent-General for New South Wales, 56 Strand, London, W.C.2, and the Appointments Section, University of New South Wales, Box 1, Post Office, Kensington, New South Wales, Australia (October 31).

LECTURER IN EDUCATION in the University of Otago, Dunedin, New Zealand—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1, or The Registrar, University of Otago (London and New Zealand, November 20).

ASSISTANT LECTURER (graduate in chemistry or agricultural chemistry) IN SOIL SCIENCE—The Registrar, Massey Agricultural College (University of New Zealand), Palmerston North, New Zealand (November 22).

LECTURER or SENIOR LECTURER IN PHYSIOLOGY at Monash University, Melbourne, Australia—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1, or The Registrar, Monash University (Australia and London, December 4).

AGRONOMIST (Soils) (male, between 26–40, with an honours degree in agricultural or horticultural science with agricultural chemistry as the main subject, experience in field experimental work on soil fertility, and a knowledge of tropical soils and crops) IN THE DEPARTMENT OF AGRICULTURE, Sarawak, to design and conduct field experiments with tropical crops on selected soils to assess the potentiality of the soils—The Director of Recruitment, Department of Technical Co-operation, Carlton House Terrace, London, S.W.1, quoting RC.213/128/01/T.

ASSISTANT LECTURER, Grade B (well qualified in physics and an interest in the development of some branch of applied physics) IN PHYSICS—The Clerk to the Governors, South-East Essex Technical College, Longbridge Road, Dagenham, Essex.

ASSISTANT (preferably with previous training), for work in cytogenetics—The Registrar (BX), Queen Mary College (University of London), Mile End Road, London, E.1.

PHYSICAL CHEMIST, Senior Scientific Officer grade (at least 26, with a degree or Dip. Tech. with first- or second-class honours degree in chemistry or equivalent qualification, and at least three years post-graduate research experience) at the Rocket Propulsion Establishment, Westcott, Bucks, to lead a small team investigating properties of materials at very high temperature with special emphasis on high temperature-resistant ceramics—The Ministry of Labour, Technical and Scientific Register (K), 28 King Street, London, S.W.1, quoting Ref. F.531/A.

POSTDOCTORAL FELLOW IN ORGANIC CHEMISTRY—Dr. J. I. G. Cadogan, Department of Chemistry, King's College (University of London), Strand, London, W.C.2.

PROFESSOR OF ANALYTICAL CHEMISTRY at Peshawar University—The Department of Technical Co-operation, 26/28 King Street, London, S.W.1, quoting TCS/PAK/529.

READER IN APPLIED MATHEMATICS; a SENIOR LECTURER IN MATHEMATICAL STATISTICS; and a SENIOR LECTURER or LECTURER IN ANY BRANCH OF PURE OR APPLIED MATHEMATICS at the University of Adelaide, Australia—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1, or The Registrar, University of Adelaide.

RESEARCH ASSISTANT (science or engineering graduate), to work on problems related to food processing or food engineering, and to undertake some teaching—The Principal, National College of Food Technology, St. George's Avenue, Weybridge, Surrey.

RESEARCH TECHNICIAN (with some experience in a biochemical research laboratory) IN THE DEPARTMENT OF CHEMISTRY AND FOOD TECHNOLOGY, for work on the isolation and chemical studies of lipoproteins from cereals and oilseeds—The Secretary, Borough Polytechnic, Borough Road, London, S.E.1.

SENIOR RESEARCH ASSISTANT and a RESEARCH ASSISTANT IN THE CHEMISTRY DEPARTMENT, to work on optical rotatory dispersion—Prof. W. Klyne, Westfield College (University of London), Hampstead, London, N.W.3.

TECHNICIANS and JUNIOR TECHNICIANS (young men or women with an interest in synthetic organic chemistry or in biochemistry)—The Secretary (LA), Imperial Cancer Research Fund, Lincoln's Inn Fields, London, W.C.2.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Royal Observatory Bulletins. No. 34 : Design and Tests of a Mirror Transit Circle Axis. By R. d'E. Atkinson. Pp. A51–A70. (London : H.M. Stationery Office, 1961.) 4s. net. [127

Memoirs of the Royal Astronomical Society. Vol. 68, Part 3 : Classification and Radial Velocities of Bright Southern Galaxies. By Gerard de Vaucouleurs and Antoinette de Vaucouleurs. Analysis