

APPOINTMENTS VACANT

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

DEMONSTRATOR IN SOIL SCIENCE—The Registrar, Wye College, near Ashford, Kent (July 26).

ASSISTANT LECTURER IN GEOGRAPHY—The Secretary, University College, Gower Street, London, W.C.1 (July 28).

DEMONSTRATOR IN THE DEPARTMENT OF CHEMISTRY AND BIO-CHEMISTRY—The Dean, St. Thomas's Hospital Medical School, London, S.E.1 (July 28).

ASSISTANTS (2) (preferably with an honours degree in bacteriology, or equivalent qualification) **IN THE DEPARTMENT OF BACTERIOLOGY**, to take part in the lecturing and advisory work of the department—The Secretary, North of Scotland College of Agriculture, 41½ Union Street, Aberdeen (July 29).

DEMONSTRATOR (with a first- or second-class honours degree in chemistry) **IN THE DEPARTMENT OF ORGANIC CHEMISTRY**; and a **RESEARCH ASSISTANT** (with at least two or three years experience in postgraduate research work) for work on mold metabolites—The Registrar, The University, Liverpool (July 30).

LECTURER (preferably with some knowledge of statistics) **IN MATHEMATICS**—Secretary of University Court, The University, Glasgow (July 30).

LECTURER (with a good honours degree in botany or agricultural botany) **IN BOTANY**—The Secretary, Edinburgh and East of Scotland College of Agriculture, 18 George Square, Edinburgh (July 30).

ASSISTANT LECTURERS IN PHYSICAL CHEMISTRY, and **INORGANIC CHEMISTRY**—Prof. R. M. Barrer, Imperial College of Science and Technology, London, S.W.7 (August 5).

LECTURERS (2) (with a good honours degree and some teaching experience) **IN MATHEMATICS**—The Principal, Heriot-Watt College, Edinburgh (August 5).

ANALYTICAL CHEMIST (with a degree, A.R.I.C., or equivalent qualifications) to work on plant biochemistry and, in particular, on pigments—The Secretary, John Innes Horticultural Institution, Bayfordbury, Hertford (August 6).

ASSISTANT DIVISIONAL CHIEF SCIENTIST (with good academic qualifications in chemistry or physics, experience in research, a thorough knowledge of the work of a Scientific Department in the National Coal Board or similar industrial organization, and some experience of administration)—Divisional Chief Scientist, National Coal Board, Northern (N. and C. Division), The Grange, Grange Avenue, Longbenton, Newcastle-upon-Tyne (August 6).

LECTURER or SENIOR LECTURER (with an honours degree in science or engineering and satisfactory qualifications in physics and mechanics) **IN PHYSICS AND MECHANICS**, at Britannia R.N. College, Dartmouth—The Secretary, Civil Service Commission, 6 Burlington Gardens, London, W.1, quoting 4491-55 (August 6).

RESEARCH ASSISTANT (male or female, with experience in practical microscopy) **IN THE DEPARTMENT OF METALLURGY**—The Registrar, The University, Manchester (August 8).

RESEARCH ASSISTANT IN THE PHYSICS DEPARTMENT, to help supervise a group of students working on acoustics—The Registrar, King's College, Newcastle-upon-Tyne (August 15).

UNIVERSITY STUDENTS and FELLOWS for research in Experimental or Theoretical Nuclear and Elementary Particle Physics—Professor of Natural Philosophy, The University, Glasgow (August 15).

BACTERIOLOGISTS (2) (graduates in microbiology with postgraduate experience in microbiology or bacteriology) at the **ANIMAL RESEARCH STATION**, New Zealand Department of Agriculture, Wallaceville, for research into the bacteriological aspects of diagnosis or control of animal disease—The High Commissioner for New Zealand, 416 Strand, London, W.C.2, quoting Ref. No. A.3/4/37 (August 19).

LECTURER IN GEOLOGY, with special reference to petrology—Head of the Department of Geology, Imperial College of Science and Technology, Prince Consort Road, London, S.W.7 (August 19).

LECTURER (with a recognized qualification in mining, mine surveying or mechanical engineering) **IN THE DEPARTMENT OF MINING AND GEOLOGY**—The Principal, Wigan and District Mining and Technical College, Wigan (August 19).

CHAIR OF HYDRAULIC ENGINEERING at the University of the Witwatersrand, Johannesburg, South Africa—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (South Africa, August 20).

CHEMIST (Research Officer) (with a university honours or high degree in science, with chemistry as a major subject or equivalent qualifications) in the Plant Fibre Section of the Commonwealth Scientific and Industrial Research Organization, Highett, Victoria, Australia, to undertake research on the chemistry of fodder conservation with special reference to the protein content—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting 400/61 (August 20).

LECTURER (with special qualifications in physical chemistry) **IN CHEMISTRY**—The Secretary, The University, Aberdeen (August 20).

RESEARCH CHEMIST (with a university honours degree in chemistry and research experience in the field of surface chemistry or coal chemistry) in the Coal Research Section of the Commonwealth Scientific and Industrial Research Organization, North Ryde, Sydney, N.S.W., Australia, for investigations of the surface and electrical properties of Australian coals and cokes made therefrom, as part of a general programme of research into coal carbonization—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting 480/170 (August 20).

DEMONSTRATOR IN THE DEPARTMENT OF INORGANIC CHEMISTRY—The Registrar, King's College, Newcastle upon Tyne (August 31).

LECTURER IN THE DEPARTMENT OF CIVIL AND MECHANICAL ENGINEERING—Joint Clerk to the University Court, Queen's College Dundee (September 15).

CHAIR OF ANATOMY at the University of Cape Town, South Africa—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Cape Town, September 17).

ASSISTANT, Grade A (with a good honours degree) **FOR MATHEMATICS**—The Clerk to the Governors, South-East Essex Technical College and School of Art, Longbridge Road, Dagenham.

ASSISTANT LECTURER (with a degree or equivalent qualification) to teach Chemistry to the level of B.Sc. general degree and higher national certificate—The Registrar, Medway College of Technology, Maidstone Road, Chatham.

ENGINEERS and PHYSICISTS, Experimental Officer and Assistant Experimental Officer grades, in Royal Naval Scientific Service Experimental Establishments in the London, Portsmouth and Weymouth areas, Gloucestershire and Scotland—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A214/5A.

MASTER TO TEACH PHYSICS and some CHEMISTRY—The Director of Studies, The Nautical College, Pangbourne.

PHYSICAL CHEMISTS (graduates, with research experience and preferably of Ph.D. standing) for research on (a) thermodynamics of absorption (Ref. P.C.1); and (b) the mechanism of precipitation of high polymers from solution (Ref. P.C.2)—The Appointments Officer, British Rayon Research Association, Heald Green Laboratories, Wythenshawe, Manchester 22, quoting appropriate Ref. No.

RESEARCH ASSISTANTS (2) IN PHYSICAL CHEMISTRY, to work on problems connected with the combination of amino-acids with sugars—The Clerk to the Governors, South-West Essex Technical College and School of Art, Forest Road, Walthamstow, London, E.17.

SCIENTIFIC OFFICERS (with a first- or second-class honours degree in physics or mechanical engineering, and preferably with research experience in the field of mechanics) to assist in a group studying the effect of vibration and impulse stresses on weapon assemblies—Senior Recruitment Officer, Atomic Weapons Research Establishment, Aldermaston, Berks, quoting 703/WGE/34.

SENIOR SCIENTIFIC OFFICER (with a first- or second-class honours degree in physics and some experience in the theory, design and application of electric measurement or gauging instruments), to develop instruments for measuring thermal and mechanical distortion in weapon assemblies—Senior Recruitment Officer, Atomic Weapons Research Establishment, Aldermaston, Berks, quoting 702/WGE/34.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Commonwealth Agricultural Bureaux Conspectus. Pp. 50. (London: H.M. Stationery Office, 1954.) [275]

Department of Scientific and Industrial Research. Leaflets on the Methods for the Detection of Toxic Gases in Industry. Leaflet No. 7: Carbon Monoxide, Third edition. Pp. iv+6. (London: H.M. Stationery Office, 1955.) 9d. net. [16]

Kind Killing. Compiled by F. Jean Vinter. Third edition. Pp. 28. (London: Universities Federation for Animal Welfare, 1955.) 6d. [16]

Council for the Preservation of Rural England. Sheffield and Peak District Branch. Annual Report, May 1955. Pp. 30. (Sheffield: Council for the Preservation of Rural England, 1955.) [16]

Other Countries

Publications de l'Institut National pour l'Étude Agronomique du Congo Belge. Série Technique No. 44 (1955): Les propriétés des Copals du Congo Belge en relation avec leur origine botanique. Par Prof. L. Hellinckx. Pp. 43. (Bruxelles: Institut National pour l'Étude Agronomique du Congo Belge, 1955.) [245]

Bulletin of the Transvaal Museum. No. 1 (March, 1955). Pp. 8. (Pretoria: Transvaal Museum, 1955.) [245]

Bulletin of the American Museum of Natural History. Vol. 106, Article 3 (May 9, 1955): Observations on the Occurrence and Attributes of Pentagonal Symmetry. By C. M. Breder, Jr. Pp. 173-200 + plates 1 and 2. (New York: American Museum of Natural History, 1955.) 1.50 dollars. [245]

Publications de l'Institut National pour l'Étude Agronomique du Congo Belge. Carte des Sols et de la Végétation du Congo Belge et du Ruanda-Urundi. 3: Vallée de la Ruzizi, A et B. Notice explicative de la Carte des Sols et de la Végétation. Par E. Germain, J. Croegaert et C. Sys, avec la collaboration de E. Maldague et G. Kevers. Pp. 48+2 cartes. (Bruxelles: Institut National pour l'Étude Agronomique du Congo Belge, 1955.) 100 francs. [245]

Northern Rhodesia. Department of Geological Survey. Annual Report for the year 1954. Pp. 10+1 map. (Lusaka: Government Printer, 1955.) 2s. [245]

United States Department of Agriculture. Leaflet No. 383: Poultry Mites—How to Control Them. Pp. 8. Picture Sheet No. 4 (revised): Japanese Beetle. Pp. 2. (Washington, D.C.: Government Printing Office, 1955.) 5 cents each. [245]

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