

APPOINTMENTS VACANT

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

LABORATORY SUPERVISOR (preferably with a pass degree or equivalent qualification, and experience in running biology or biochemistry laboratories) IN THE DEPARTMENT OF BIOLOGY—The University Secretary, University House, Bailrigg, Lancaster, quoting Ref. L.183/B (December 12).

ASSISTANT (with a degree in pharmacy) IN PHARMACY—The Registrar, The University, Manchester, 13, quoting Ref. 245/66 (December 14).

STAFF TUTOR (with a good honours degree in physics) IN THE PHYSICAL SCIENCES—The Registrar, University College of South Wales and Monmouthshire, Cathays Park, Cardiff (December 14).

SENIOR LECTURER or LECTURER IN SOCIOLOGY—The Registrar, The University, Hull (December 15).

SENIOR LECTURER IN PHARMACEUTICAL CHEMISTRY—The Registrar, University of Strathclyde, George Street, Glasgow, C.1, quoting Ref. 67/66 (December 16).

LECTURER or ASSISTANT LECTURER (preferably with research interests in mathematical physics) IN MATHEMATICS—The Deputy College Secretary, Westfield College (University of London), Kidderpore Avenue, Hampstead, London, N.W.3 (December 17).

LECTURER IN MEDICINE—The Registrar, The University, Sheffield (December 21).

ASSISTANT LECTURER IN PHILOSOPHY—The Registrar, The University, Hull (December 30).

LECTURER or ASSISTANT LECTURER (preferably with research interests in the application of computers) IN THE COMPUTING CENTRE—The Registrar, University of East Anglia, Earlham Hall, Norwich, NOR 88C (December 31).

LECTURER or ASSISTANT LECTURER (with a good degree, preferably in the social sciences, together with an advanced professional qualification in social work) IN THE DEPARTMENT OF APPLIED SOCIAL STUDIES, University of Singapore—The Inter-University Council, 33 Bedford Place, London, W.C.1 (December 31).

LECTURER (preferably with experience in either palaeontology and stratigraphy, or engineering geology and hydrogeology) IN THE DEPARTMENT OF GEOLOGY, University of Ibadan, Nigeria—The Inter-University Council, 33 Bedford Place, London, W.C.1 (December 31).

PROFESSOR OF MATHEMATICS; ASSOCIATE PROFESSOR OF MATHEMATICS; and an ASSISTANT PROFESSOR OF MATHEMATICS—The Dean of Arts and Science, Brock University, St. Catharines, Ontario, Canada (December 31).

ASSISTANT DIRECTOR OF RESEARCH IN THE DEPARTMENT OF ANIMAL PATHOLOGY in the School of Veterinary Medicine—G. R. Anderson, General Board Office, University of Cambridge, The Old Schools, Cambridge (January 14).

CHAIR OF PHYSICAL CHEMISTRY—The Registrar, University of Strathclyde, George Street, Glasgow, C.1 (January 14).

LABORATORY SUPERINTENDENT (of Lecturer Status) IN THE DEPARTMENT OF CHEMISTRY, to undertake teaching and research in some branch of chemistry, as well as administrative duties—The Secretary, University of Edinburgh, Old College, South Bridge, Edinburgh (January 15).

LECTURER (preferably with a medical degree, but the holder of a degree in pharmacology will be considered) IN PHARMACOLOGY 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 16).

SENIOR LECTURER or LECTURER (preferably with special interests in classical or functional analysis) IN MATHEMATICS in St. Salvador's College—The Secretary, University of St. Andrews, College Gate, St. Andrews, Fife, Scotland (January 28).

LECTURER (preferably with special interests in physical chemistry) IN CHEMISTRY; and a **LECTURER IN ORGANIC CHEMISTRY** at the University of Otago, Dunedin, New Zealand—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (New Zealand and London, January 31).

READER IN THE BIOCHEMISTRY OF CANCER IN THE DEPARTMENT OF CLINICAL BIOCHEMISTRY—The Registrar, University of Newcastle upon Tyne, 6 Kensington Terrace, Newcastle upon Tyne, 2 (January 31).

ASSISTANT PROFESSOR IN THE DEPARTMENT OF ZOOLOGY—The Head, Department of Zoology, University of Western Ontario, London, Ontario, Canada.

BIOCHEMIST (with at least a first- or second-class honours degree or equivalent, and preferably a knowledge of bacteriology) initially for research into the behaviour of proteins in milk and during cheesemaking—The Secretary, National Institute for Research in Dairying (University of Reading), Shinfield, Reading, Berks, quoting Ref. 66/36.

GRADUATE RESEARCH ASSISTANT to participate in a research project concerned with platelet behaviour and blood chemistry in arterial thrombosis and myocardial infarction—The Secretary, St. Mary's Hospital Medical School, Paddington, London, W.2.

MASTER to take charge of physics teaching throughout the School—The Master, Wellington College, Crowthorne, Berkshire.

POSTDOCTORAL RESEARCH ASSISTANT (with previous experience in the field of glycogen metabolism or in the fractionation of particulate cellular constituents) IN THE DEPARTMENT OF BIOCHEMISTRY for work on the ultrastructural aspects of glycogen metabolism—Prof. W. J. Whelan, Royal Free Hospital School of Medicine, Hunter Street, London, W.C.1.

RESEARCH ASSISTANT IN THE CHEMISTRY DEPARTMENT for full-time research into the radiation hazards presented by artificial radioactivity in the environment—Dr. A. Walton, Chemistry Department, The University of Glasgow, Glasgow, W.2.

RESEARCH ASSISTANT (preferably with previous experience in biochemistry, biophysics or physiology and in the use of isotopes) IN THE METABOLIC UNIT—The Medical Superintendent, Western General Hospital, Edinburgh.

RESEARCH ASSISTANT, RESEARCH FELLOW or RESEARCH STUDENT (with an honours degree in a relevant subject such as applied mathematics, physics or numerical analysis) at the Tidal Institute and Observatory, to participate in a two year research project to study the generation, propagation and methods of forecasting storm surges and related tidal phenomena in the North Sea and adjacent areas—The Registrar, The University, Liverpool, quoting Ref. 302.

RESEARCH ASSISTANT (with a degree or equivalent qualification, and preferably experience in the measurement of the properties of dielectrics or high-voltage engineering) IN THE DEPARTMENT OF ELECTRICAL ENGINEERING, for research into dielectric phenomena relating to high-voltage, direct-current power transmission—The Registrar, Queen Mary College (University of London), Mile End Road, London, E.1.

RESEARCH ASSOCIATE (post-doctoral or equivalent experience) to complete a 3-year project already commenced involving micro-biological and biochemical investigations of the breakdown of pyridine- and nitroaromatic-

based herbicides—Dr. R. B. Cain, Department of Botany, The University, Newcastle upon Tyne, 1.

TECHNICIAN IN THE DEPARTMENT OF CHEMISTRY to assist in the routine operation of two mass spectrometers (A.E.I. type MS. 12 and MS. 9)—The Laboratory Superintendent, Department of Chemistry, The University, Oxford Road, Manchester, 13.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Industrial Pest Control Association. *Pest Control Products and Services*. Pp. 72. (London: Industrial Pest Control Association, 1966.) 5s. [199]

Ministry of Technology. *Building Research 1965: The Report of the Building Research Station Steering Committee with the Report of the Director of Building Research*. Pp. ix + 149 + 12 plates. (London: H.M. Stationery Office, 1966.) 14s. 6d. net. [199]

Introductory Practical Metallography: a Basic Course of Microstructures with 37 Specimens. By Dr. A. R. Bailey. Second edition. Pp. vi + 33. 12s. 6d. *The Role of Microstructure in Metals: an Introductory Volume*. By Dr. A. R. Bailey. Pp. v + 65. 16s. 6d. (Betchworth, Surrey: Metallurgical Services, 1966.) [199]

BBC Engineering Monograph No. 63: *The Design of Transmission Lines and Single-State Switching Circuits for a Line-Store Standards Converter*. By E. R. Rout, W. K. E. Geddes and A. H. Jones. Pp. 27. (London: British Broadcasting Corporation, 1966.) 5s. [199]

The National Council for the Unmarried Mother and Her Child. *Annual Report, April 1965—March 1966*. Pp. 56. (London: The National Council for the Unmarried Mother and Her Child, 1966.) [199]

Ministry of Power. *Safety in Mines Research 1965: Forty-fourth Annual Report of the Safety in Mines Research Establishment*. Pp. 88 + 4 plates. (London: H.M. Stationery Office, 1966.) 8s. net. [209]

The Fildu Test for Folic Acid Deficiency. Pp. 7. (Poole: The British Drug Houses, Ltd., 1966.) [219]

Planning, Vol. 32, No. 497 (September 1966): *Trends in Psychogeriatric Care*. Pp. 159-194. (London: Political and Economic Planning, 1966.) 6s. [219]

Ministry of Health; Scottish Home and Health Department. *Radiological Hazards to Patients: Final Report of the Committee*. Pp. v + 33. (London: H.M. Stationery Office, 1966.) 3s. 6d. net. [219]

Other Countries

World Health Organization. *Public Health Papers, No. 30: Noise—An Occupational Hazard and Public Nuisance*. By Alan Bell. Pp. 131. (Geneva: World Health Organization; London: H.M. Stationery Office, 1966.) 6 Sw. francs. 10s.; \$2. [199]

Publications de l'Institut National pour l'étude Agronomique du Congo. *Série Technique No. 74: Plantation de Pins dans le Haut-Katanga*. Par A. Schmitz. Pp. 104 + 13 photographs. (Bruxelles: Institut National pour l'étude Agronomique du Congo, 1966.) 150 francs. [199]

Pacific Science Association. *Bibliography of Symposium Papers, 10th Pacific Science Congress, Honolulu, Hawaii, 1961*. Pp. 95. (Honolulu, Hawaii: Bishop Museum Press, 1966.) \$1. [199]

Institute of Sera and Vaccines, Praha. *Collection of Summaries, Vol. 5: Papers Published by the Scientific Workers of the Institute in 1965*. Pp. 35. (Praha: Institute of Sera and Vaccines, 1966.) [209]

On the Nature of Universal Cross-Action. By Mason M. Taylor. Pp. 70. (New York: Dodd, Mead and Company, 1966.) [209]

Report of the International Clearinghouse on Science and Mathematics Curricular Developments 1966. Compiled under the direction of J. David Lockard. (A Joint Project of the American Association for the Advancement of Science and the Scientific Teaching Center, University of Maryland.) Pp. xvii + 291. (College Park, Maryland: A.A.A.S. International Clearinghouse of Science Teaching Center, University of Maryland, 1966.) [209]

Commonwealth of Australia: Bureau of Mineral Resources, Geology and Geophysics. *Department of National Development. 1: 250,000 Geological Series. Explanatory Notes*. Cooktown, Qld., Sheet SD/55-13, International Index. Compiled by K. G. Lucas and F. de Keyer. Pp. 52. (Parkes, A.C.T.: Bureau of Mineral Resources, Geology and Geophysics, 1965.) [209]

Annals of the New York Academy of Sciences. Vol. 136, Article 2: *The Laminar Flow of a Composite Fluid—An Approach to the Rheology of Blood*. By Yves Nubar. Pp. 33-58. (New York: New York Academy of Sciences, 1966.) \$2. [219]

Ceylon: National Museums Department. *Administration Report of the Director of National Museums for 1963-64*. Pp. 23. *Administration Report of the Director of National Museums for the Financial Year 1964-65*. Pp. 28. (Colombo: National Museums Department, 1965 and 1966.) [229]

Annals of the Transvaal Museum. Vol. 25, No. 3: *A Check-List, with Synoptic Keys, to the Snakes of Southern Africa*. By V. Fitzsimons. Pp. 35-80. Vol. 25, No. 4: *New African Butterflies—3*. By G. Van Son. Pp. 81-90 + plates 7-9. Vol. 25, No. 5: *On Equus (Hippotigris) cf. Burchelli (Gray) from "Sterkfontein Extension"*. Transvaal, South Africa. By C. Mendez. Pp. 91-98. Vol. 25, No. 6: *Notes on Non-Marine Molluscs from Mozambique and Bechuanaland, with a Checklist of Bechuanaland Species*. By A. C. Van Bruggen. Pp. 99-112 + plate 10. Vol. 25, No. 7: *New Species of Lamiinae (Coleoptera: Cerambycidae) from Southern Africa*. By J. W. Hunt and Stephan Breuning. Pp. 113-116. (Pretoria: Transvaal Museum, 1966.) [229]

Editorial and Publishing Offices of "NATURE"

MACMILLAN (JOURNALS) LIMITED

4 LITTLE ESSEX STREET, LONDON, W.C.2.

Telephone Number: Temple Bar 6633. Telegrams: Phisus London W.C.2.

Annual subscription: Inland £14, Overseas £13 15s., payable in advance, postage paid to any part of the world.

Advertisements only should be addressed to

T. G. Scott & Son, Ltd., 1 Clement's Inn, London, W.C.2.

Telephone Number: Holborn 4743

Registered as a newspaper at the General Post Office

Copyright © Macmillan (Journals) Limited, December 3, 1966