

APPOINTMENTS VACANT

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

LECTURER IN INORGANIC AND PHYSICAL CHEMISTRY IN THE SCIENCE DEPARTMENT, Birkenhead Technical College—The Director of Education, Education Offices, 63 Hamilton Square, Birkenhead (November 9).

UNIVERSITY LECTURER (with a special interest in genetics, including microbial genetics) IN **BOTANY**—The Administrator, Department of Botany, The University, South Parks Road, Oxford (November 10).

LECTURER and an ASSISTANT LECTURER IN THE DEPARTMENT OF APPLIED MATHEMATICS and THEORETICAL PHYSICS—The Secretary of the Appointments Committee of the Faculty of Mathematics, The University, Arts School, Bene't Street, Cambridge (November 11).

UNIVERSITY DEMONSTRATOR IN THE DEPARTMENT OF ANIMAL PATHOLOGY, to assist with teaching and research in virology or morbid anatomy—Dr. T. D. Kellaway, Department of Pathology, The University, Tennis Court Road, Cambridge (November 11).

LECTURER or SENIOR LECTURER (with a science degree specializing in geophysics or related discipline and some research experience) IN **GEOPHYSICS IN THE DEPARTMENT OF GEOLOGY and MINERALOGY, University of Queensland, Australia**—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Brisbane and London, November 13).

LECTURER/SENIOR LECTURER IN APPLIED MATHEMATICS at the University of Sydney, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, November 20).

DEMONSTRATOR (with a degree in science, agricultural science, veterinary science or rural science) IN **PHYSIOLOGY** at the University of New England, Armidale, New South Wales, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, November 27).

CHAIR OF GEOGRAPHY at the University College, Dar es Salaam, University of East Africa—The Secretary, Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (November 30).

LECTURER IN MATHEMATICS and a LECTURER IN STATISTICS at the University of Otago, Dunedin, New Zealand—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (New Zealand and London, November 30).

LECTURER (preferably with research interest in geophysics) IN **PHYSICS** at the University College, Dar es Salaam, University of East Africa—The Secretary, Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (November 30).

LECTURER or ASSISTANT LECTURER IN BIOCHEMISTRY at the University of Singapore—The Secretary, Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (November 30).

SENIOR LECTURER and a LECTURER IN THE DEPARTMENT OF MATHEMATICS University of the Witwatersrand, Johannesburg, South Africa—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (South Africa and London, November 30).

SENIOR LECTURER or LECTURER (inorganic chemist) IN THE DEPARTMENT OF CHEMISTRY, University of the Witwatersrand, Johannesburg, South Africa—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (South Africa and London, November 30).

LECTURER (agricultural scientist with a sound knowledge of the Australian environment and with postgraduate training and research experience in ecology and plant physiology) IN **AGRONOMY** at the University of Sydney, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, December 4).

LECTURER IN PHARMACOLOGY at the University of Sydney, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, December 4).

LECTURERS (3) IN PHYSICS at the University of Sydney, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, December 4).

READER IN CHEMICAL PATHOLOGY at Westminster Medical School—The Academic Registrar, University of London, Senate House, London, W.C.1 (December 7).

CHAIR OF PSYCHOLOGY—The Secretary, University of St. Andrews, College Gate, St. Andrews, Fife, Scotland (December 31).

ASSISTANT DIRECTOR (with an honours degree in botany, a sound knowledge of two or more modern languages, the ability to write good English, and preferably some editorial experience) of the Commonwealth Bureau of Plant Breeding and Genetics—The Director, Commonwealth Bureau of Plant Breeding and Genetics, School of Agriculture, Downing Street, Cambridge (January 15).

AGRICULTURAL OFFICERS (with a degree in agriculture with, if possible, experience in agricultural extension work overseas, or a degree in agriculture including agricultural economics with, if possible, experience in economic investigations into peasant farming) in Bechuanaland, for agricultural extension work in African and European farming areas or economic investigations into peasant farming—The Appointments Officer, Room 301, Department of Technical Co-operation, Eland House, Stag Place, London, S.W.1, quoting Ref. RC. 213/19/01.

BIOCHEMIST or CHEMIST (with a good honours degree and preferably two or three years' research experience) for research on the nutritional value, in animal feed, of wheat and wheat products—The Director, The Research Association of British Flour Millers, Cereals Research Station, Old London Road, St. Albans, Hertfordshire.

GRADUATE RESEARCH ASSISTANT (with an interest and preferably experience in steroid work) to assist a team investigating endocrinology of human growth (Dr. J. M. Tanner)—The Secretary, Institute of Child Health, Great Ormond Street, London, W.C.1.

PHYSICS TECHNICIAN (with G.C.E. "A" levels in mathematics or physics) or **RADIOGRAPHER** for work on the clinical application of isotope techniques—The Assistant Secretary, University College Hospital, Gower Street, London, W.C.1.

RESEARCH FELLOW (graduate with experience in the field of steroid biochemistry and preferably a knowledge of gas chromatography) IN **STEROID BIOCHEMISTRY** IN THE DEPARTMENT OF ZOOLOGY, St. Bartholomew's Hospital Medical College, to participate in research on the male reproductive system and the effects of various agents such as exogenous hormones and ionizing radiation—The Clerk to the Governors, St. Bartholomew's Hospital, London, E.C.1, quoting Ref. AC/979.

SCIENTIFIC OFFICER (with a good honours degree in physics or engineering) to study dynamics of air and droplets in and around foliage—The Secretary,

National Institute of Agricultural Engineering, Wrest Park, Silsoe, Bedford, quoting Ref. N/64/ECD/25/6.

SENIOR LECTURER or LECTURER IN NUMERICAL ANALYSIS—The Academic Registrar, Hatfield College of Technology, Hatfield, Hertfordshire.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Department of Scientific and Industrial Research. Visualizing the Facts. Pp. 16. (London: Library, Department of Scientific and Industrial Research, 1964.) [89]

Tin-Alloyed Grey Iron Cylinder Blocks. By A. J. Tache and R. M. Cagg. (Publication No. 342.) Pp. 16. (Perivale, Greenford: Tin Research Institute, 1964.) [89]

British Medical Bulletin, Vol. 20, No. 3 (September 1964): Symposium on Fibrinolysis. Pp. viii+173-250. (London: The British Council, 1964.) 30s. [89]

Ministry of Labour; Ministry of Labour and National Insurance, Northern Ireland. Code of Practice for the Protection of Persons Exposed to Ionising Radiations in Research and Teaching. Pp. iv+63. (London: H.M. Stationery Office, 1964.) 4s. 6d. net. [89]

National Institute of Industrial Psychology. Report No. 16: Statistical Records about People at Work. By R. B. Buzzard and J. L. Radforth. Pp. i+22. (London: National Institute of Industrial Psychology, 1964.) [89]

The Association of the British Pharmaceutical Industry. Attitudes towards the Pharmaceutical Industry amongst Family Doctors and the General Public, 1962 and 1964. Pp. 12. Attitudes towards the National Health Service amongst Family Doctors and the General Public, 1962 and 1964. Pp. 8. (London: The Association of the British Pharmaceutical Industry, 1964.) [89]

An Exploratory Study of the Perception of Causality. By Dr. Lambros Houssiadis. (*The British Journal of Psychology*, Monograph Supplements, No. 36.) Pp. vi+88. (Cambridge: At the University Press, 1964.) 22s. 6d. net. [89]

The Journal of Applied Ecology, Vol. 1, No. 1 (May 1964). Edited by A. H. Bunting and V. C. Wynne-Edwards. (Journal of the British Ecological Society.) Pp. vi+1-218. Published twice a year 70s. net. Annual subscription, post free, 120s.; U.S. and Canada 20 dollars. (Oxford: Blackwell Scientific Publications, 1964.) [89]

Incorporated Association of Headmasters. Honours Courses in Mathematics in the Universities of Great Britain. By A. P. Rollett. Pp. ii+61. 3s. 6d. Honours Courses in Mathematics in the Universities and Colleges of Advanced Technology in Great Britain, Supplement, No. 1. Pp. 28. 1s. 6d. (London: Incorporated Association of Headmasters, 1963 and 1964.) [89]

Other Countries

University of California Publications in Geological Sciences. Vol. 47: Cenozoic Chronology of the Sierra Nevada, California. By G. Brent Dalrymple. Pp. 41. (Berkeley and Los Angeles: University of California Press; London: Cambridge University Press, 1964.) 1.25 dollars. [89]

Biosynthesis of DNA. By Prof. Arthur Kornberg. (Notes on the Thirtieth Annual Priestley Lectures. Edited and Sponsored by Mu Chapter, Phi Lambda Upsilon and Associated Departments.) Pp. x+134. (University Park, Pennsylvania: The Pennsylvania State University, 1964.) 3.25 dollars. [89]

Annual Report of the Surgeon General, United States Army, Fiscal Year 1963. Pp. x+165. (Washington, D.C.: Office of the Surgeon General, Department of the Army, 1964.) [89]

Canada: Department of Mines and Technical Surveys. Geological Survey of Canada. Geological Maps. Map 1143A: McQuesten, Yukon Territory. Map 1144A: Ymir (Nelson, East Half), British Columbia. (Ottawa: Director, Geological Survey of Canada, 1964.) [89]

Northern Rhodesia: Ministry of Natural Resources. Annual Report of the Department of Water Affairs for the year 1963. Pp. 9. (Lusaka: Government Printer, 1964.) 2s. 6d. [89]

Reactor Centrum Nederland. Summary of Activities, July 1963—July 1964. Pp. 15. (The Hague: Reactor Centrum Nederland, 1964.) [89]

Smithsonian Miscellaneous Collections. Vol. 146, No. 6: A Revision of the American Vultures of the Genus *Cathartes*. By Alexander Wetmore. Pp. 18. (Publication No. 4539.) (Washington, D.C.: Smithsonian Institution, 1964.) [89]

Tanganyika: Department of Geological Survey. Geological Maps. Quarter Degree Sheet 90 and 90M: Mnazi (Kalimawe). Quarter Degree Sheet 143: Meia Meia. Quarter Degree Sheet 234: Chombe. (Dodoma: Department of Geological Survey, 1963.) [89]

Metropolitan Life Insurance Company. Statistical Bulletin, Vol. 45, (July, 1964): Large Accident Toll Among Men at the Working Ages. Mortality Trends for Major Types of Heart Disease. Slight Decrease in Longevity of Policyholders in 1963. Rise in Frequency of Suicide. Pp. 12. (New York: Metropolitan Life Insurance Company, 1964.) [89]

Arctic Institute of North America. Technical Paper No. 14: Eskimo Administration: II—Canada. By D. Jenness. Pp. 186. (Montreal, Washington, D.C., and New York: Arctic Institute of North America, 1964.) [89]

Editorial and Publishing Offices of "NATURE"

MACMILLAN (JOURNALS) LIMITED

57, MARTIN'S STREET, LONDON, W.C.2

Telephone Number: Whitehall 0081. Telegrams: Phisus London W.C.2

Annual subscription: Inland £13, 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, October 31, 1964