

FORTHCOMING EVENTS

Thursday, December 28

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 3 p.m.—Sir Lawrence Bragg, F.R.S.: "Electricity". The One Hundred and Thirty-second Course of six lectures adapted to a Juvenile Auditory. Further lectures on December 30, January 2, 4, 6 and 9.)

Thursday, December 28—Friday, December 29

WORLD UNIVERSITY SERVICE (at B.M.A. House, Tavistock Square, London, W.C.1), at 10.30 a.m. on Thursday and 10 a.m. on Friday—Conference on "The Student and Mental Health".

Friday, December 29

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 2.30 p.m.—Dr. A. D. Booth: "Machines that Think" (Mann Lecture).

APPOINTMENTS VACANT

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

PHYSICIST (preferably with experience in isotope techniques, including autoradiography and physical methods for microanalysis) in THE DEPARTMENT OF PREVENTIVE DENTISTRY, to engage in research into the mechanism of the action of fluorides in preventing dental caries, in co-operation with a research team including chemists and dental pathologists and histologists—Prof. J. L. Hardwick, Turner Dental School, The University, Manchester 13 (December 28).

LIBRARIAN—The Secretary, University of East Anglia, City Hall, Norwich, Norfolk (December 30).

JUNIOR LECTURER (interested in stratigraphy and sedimentation) in GEOLOGY—The Registrar, Trinity College, Dublin, Republic of Ireland (January 1).

LECTURER or ASSISTANT LECTURER (medically or non-medically qualified) in THE DEPARTMENT OF HISTOLOGY—The Registrar, The University, Liverpool, quoting Ref. No. CV/5/2/N (January 1).

LECTURER in APPLIED MATHEMATICS, to take charge of the Electronic Computation Laboratory—The Registrar, University College, Singleton Park, Swansea (January 5).

LECTURER (medically qualified, and with special experience in histopathology) in PATHOLOGY—The Registrar, Trinity College, Dublin, Republic of Ireland (January 15).

LECTURER in GEOLOGY (Mineralogy and Petrology) at the University of New England, Australia—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, January 15).

LECTURER in MICROBIOLOGY in THE DEPARTMENT OF AGRICULTURE, University of Sydney—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, January 19).

SENIOR LECTURERS (2) in ANATOMY at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, January 19).

ASSISTANT LECTURER in BOTANY—The Registrar, The University, Manchester 13 (January 20).

SENIOR LECTURER/LECTURER in BACTERIOLOGY at the University College, Ibadan, Nigeria—The Secretary, Senate Committee on Colleges Overseas in Special Relation, University of London, Senate House, London, W.C.1 (January 22).

SENIOR LECTURERS or LECTURERS (with at least an honours degree or equivalent qualifications, with experience and research interests in pure mathematics) in MATHEMATICS at the University of New South Wales—The Agent-General for New South Wales, 56-57 Strand, London, W.C.2, and The Appointments Section, The University of New South Wales, Box 1, Post Office, Kensington, N.S.W., Australia (January 26).

LECTURER in ENGINEERING, for duties which will include teaching and research in applied mechanics and one or more of the usual civil engineering subjects—The Secretary, The University, Aberdeen (January 31).

LECTURER in PHYSICS—The Registrar, The University, Hull (January 31).

READER 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, January 31).

RESEARCH FELLOWS (2) in HYDROBIOLOGY, to work on fundamental problems in Lake Kariba at the Nuffield Kariba Research Station (University College of Rhodesia and Nyasaland)—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (January 31).

LECTURER (with special qualifications or experience in inorganic chemistry or in some branch bearing on inorganic chemistry) in CHEMISTRY at the University of Canterbury—The Registrar, University of Canterbury, P.O. Box 1471, Christchurch, New Zealand (February 28).

ROBERT BLAIR FELLOWSHIP in APPLIED SCIENCE AND TECHNOLOGY tenable for one year of advanced study or research abroad—The Education Officer (WA.14/N/3316/12), County Hall, London, S.E.1 (March 12).

ASSISTANT BIOCHEMIST, Basic grade (preferably holding the A.R.I.C., the Grad.Mem.R.I.C. or B.Sc. (Hons.) in chemistry), in the Group Laboratory at Crumpsall Hospital—The Hospital Administrator, Crumpsall Hospital, Manchester 8.

ASSISTANT EXPERIMENTAL OFFICER (with a pass degree, H.N.C., or equivalent, or, if under 22, G.C.E. "A" level, O.N.C. or equivalent) in THE CHEMISTRY DEPARTMENT, to help with research on the forms of combinations of magnesium, calcium and phosphate in cattle diets and ingesta, and on the development of the analytical methods used—The Secretary, National Institute for Research in Dairying (University of Reading), Shinfield, Reading, quoting Ref. 61/15.

ASSISTANT EXPERIMENTAL OFFICER (with a pass degree, H.N.C. or equivalent, or, if under 22, G.C.E. "A" level, I.N.C. or equivalent) in THE PHYSICS DEPARTMENT, for work on the flow and coagulation of blood—The Secretary, National Institute for Research in Dairying (University of Reading), Shinfield, Reading, quoting Ref. 61/19.

BRITISH PETROLEUM RESEARCH STUDENT (with experience in microbiological techniques) in THE DEPARTMENT OF CHEMICAL ENGINEERING, for research on the conversion of petroleum hydrocarbons into fatty acids—The Secretary, University College London, Gower Street, London, W.C.1.

GRADUATE ASSISTANTS in BIOCHEMISTRY—Dean, Faculty of Graduate Studies, University of Alberta, Edmonton, Alberta, Canada.

HEAD OF THE SCIENCE DEPARTMENT; HEAD OF THE MATHEMATICS DEPARTMENT; and ASSISTANT MASTERS TO TEACH SCIENCE, MATHEMATICS AND BIOLOGY—The Secretary, Atlantic College (U.K.), Ltd., Denmark House, 71/72 Piccadilly, London, W.1.

PHYSICIST, for teaching and fundamental research—Head of the Department of Physics, Victoria College, Victoria, B.C., Canada.

PHYSICS LABORATORY TECHNICIAN (man or woman, with experience of work in a teaching laboratory)—The Secretary, Royal Holloway College, Englefield Green, Surrey.

PRINCIPAL LECTURER in CLOTH MANUFACTURE AND APPLIED TEXTING; a SENIOR LECTURER in TEXTILE PHYSICS, with particular emphasis on the structure of natural and man-made fibres; a SENIOR LECTURER in GENERAL TEXTILES AND TEXTING METHODS; a SENIOR LECTURER in DESIGN AND COLOUR; a LECTURER (physicist or mathematician) for statistical work in textile engineering; and a LECTURER in PHYSICAL CHEMISTRY, for the application of chemistry in textile processing—The Registrar, Bradford Institute of Technology, Bradford 7.

PRINCIPAL VETERINARY RESEARCH OFFICER (member of the Royal College of Veterinary Surgeons, or with an equivalent qualification) with the Federal Government of Nigeria—The Recruitment Attaché, Nigeria High Commission, 9 Northumberland Avenue, London, W.C.2, quoting Ref. Z.5/3.

SENIOR LECTURER in AUTOMATIC CONTROL in THE DEPARTMENT OF PRODUCTION TECHNOLOGY AND CONTROL ENGINEERING—The Secretary, Northampton College of Advanced Technology, St. John Street, London, E.C.1.

SPECIALIST OFFICER (Plant Nematologist) (with a first- or second-class honours degree in natural science (botany or zoology) plus two years postgraduate experience) with the Federal Government of Nigeria—The Recruitment Attaché, Nigeria High Commission, 9 Northumberland Avenue, London, W.C.2, quoting Ref. B.16/2.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Science or Sanity: We Cannot Retain Both. By Thomas Brennan. Pp. 5. (Roydon, Harlow: Thomas Brennan, 7 Temple Mead, 1961.) 410

Society for Analytical Chemistry. Monograph No. 1: Methods for the Analysis of Non-soapy Detergents (NSD) Products. By G. F. Longman and J. Hilton. Pp. ii+30. (London: Society for Analytical Chemistry, 1961.) 15s. 410

National Central Library. 45th Annual Report of the Executive Committee, 1 March 1960 to 31 March 1961. Pp. 24. (London: National Central Library, 1961.) 410

Ministry of Agriculture, Fisheries and Food: National Agricultural Advisory Service. Experimental Husbandry Farms and Experimental Horticulture Stations—Progress Report 1961. Pp. v+55+4 plates. (London: H.M. Stationery Office, 1961.) 4s. net. 410

Universities Council for Adult Education. The Universities and Adult Education: a Report prepared by a Working Party of the Universities Council for Adult Education. Pp. 32 (Bristol: Mr. W. E. Salt, Hon. Secretary, Universities Council for Adult Education, 1961.) 2s. 6d. 410

University Grants Committee. Returns from Universities and University Colleges in receipt of Treasury Grant, Academic Year 1959-60. Pp. 76. (Cmd. 1489.) (London: H.M. Stationery Office, 1961.) 4s. 6d. net. 410

West of Scotland Agricultural College. Research Bulletin No. 29: Comparison of Production from Three Varieties of Tall Fescue and Three Varieties of Meadow Fescue. By I. V. Hunt. Pp. 48. (Auchincruive, by Air: West of Scotland Agricultural College, 1961.) 1s. 410

Titles of Dissertations approved for the Ph.D., M.Sc., and M.Litt. Degrees in the University of Cambridge during the Academic Year 1960-1961. Pp. v+23. (Cambridge: Board of Research Studies, The University, 1961.) 410

Imperial College of Science and Technology (University of London). Calendar 1961-62. Pp. xi+396. Prospectus, 1962-63. Pp. viii+63+4 plates. (London: Imperial College of Science and Technology, 1961.) 410

Society for the Promotion of Nature Reserves. Handbook 1961: Forty-fourth Annual Report, year ending 31st March, 1961. Pp. 44+2 plates. (London: Society for the Promotion of Nature Reserves, British Museum (Natural History), 1961.) 10s. 410

Proceedings of the Royal Irish Academy. Vol. 61, Section A, No. 8: Statistical Efficiency of Different Methods of Estimation of Coefficients in a Very Simple System of Equations. By R. C. Geary. Pp. 67-76. 1s. 6d. Vol. 61, Section B, No. 14: The Lee Basin, Part 2: The Drainage Pattern. By S. Farrington. Pp. 233-254+plate 13. 2s. 6d. Vol. 61, Section B, No. 15: The Dalradian Successions and their