

## FORTHCOMING EVENTS

Friday, September 11

F. AND M. SCIENTIFIC EUROPA N.V. (at the School of Pharmacy, 29-39 Brunswick Square, London, W.C.1), at 7 p.m.—Dr. Charles C. Sweeley (University of Pittsburgh): "Advances in Gas Chromatography Techniques Applied to the Analyses of Carbohydrates and Related Polyhydroxy Compounds".

## APPOINTMENTS VACANT

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

DEMONSTRATOR (with B.Sc. honours degree in geography and a special interest in cartography and surveying) IN THE DEPARTMENT OF GEOGRAPHY—The Registrar, The University, Nottingham (September 10).

LECTURER IN MATHEMATICS; a LECTURER IN STATISTICS; a SENIOR LECTURER IN BIOCHEMISTRY; a SENIOR LECTURER IN CIVIL ENGINEERING; and an ASSISTANT LECTURER (Grade B) IN MECHANICAL ENGINEERING—The Principal, Nottingham and District Technical College, Burton Street, Nottingham (September 10).

LECTURER IN ORGANIC CHEMISTRY; a LECTURER IN INORGANIC AND PHYSICAL CHEMISTRY; an ASSISTANT LECTURER (Grade "B") IN INORGANIC AND PHYSICAL CHEMISTRY; and an ASSISTANT LECTURER (Grade "A") IN GENERAL CHEMISTRY at Birkenhead Technical College—The Director of Education, Birkenhead Education Committee, Education Offices, 63 Hamilton Square, Birkenhead (September 14).

LECTURER (preferably with a special interest in medical statistics) IN THE DEPARTMENT OF STATISTICS—The Secretary, The University, Aberdeen (September 14).

LECTURER OR ASSISTANT LECTURER (preferably with experience or special interest in one or more of the following fields: production engineering, nuclear engineering, thermodynamics and mechanics of fluids, and preferably an interest in design) IN MECHANICAL ENGINEERING—The Registrar, The University, Leeds, 2 (September 14).

SENIOR LECTURER (well qualified academically and considerable experience in teaching and/or industry and/or research) IN PHYSICS OR APPLIED PHYSICS—The Secretary, Welsh College of Advanced Technology, Cathay's Park, Cardiff (September 14).

LECTURER (preferably with a good honours degree in geography) IN THE DEPARTMENT OF GEOGRAPHY, University of Ghana, to teach biogeography or climatology as well as the regional geography of North America, Europe or Asia—The Assistant Registrar, University of Ghana Overseas Office, 15 Gordon Square, London, W.C.1 (September 15).

RESEARCH FELLOW (specializing in water chemistry and bacteriology) to undertake research work on the waters of the developing Volta Lake (University of Ghana, Volta Basin Research Project)—The Assistant Registrar, University of Ghana Overseas Office, 15 Gordon Square, London, W.C.1 (September 15).

SCIENCE LIBRARIAN (professionally qualified graduate or Fellow of the Library Association, and experience in a special library or in the science section of a university library) IN THE BALME LIBRARY, University of Ghana—The Assistant Registrar, University of Ghana Overseas Office, 15 Gordon Square, London, W.C.1 (September 15).

ASSISTANT LECTURERS (2) (candidates for the one post should have special interests in the evolutionary field studies, and for the other in physiology) IN ZOOLOGY—The Registrar, The University, Manchester, 13 (September 18).

RESEARCH ASSOCIATE OR SENIOR RESEARCH ASSOCIATE (with an honours degree in engineering and some experience in research in the field of structures, or alternatively experience in the analysis and design of structures) IN ENGINEERING (Civil), for work on the application of computer methods to structural analysis and design—The Registrar, The University, Manchester, 13 (September 18).

COLLEGE LECTURER (with an honours degree in agricultural chemistry, chemistry or biochemistry, with postgraduate experience in soil chemistry, plant biochemistry or other related field) IN THE SOILS DIVISION, Department of Agricultural Chemistry and Soil Science—The Professor of Agricultural Chemistry, University College, Glasnevin, Dublin, Republic of Ireland (September 19).

NEWTON DRUM CHAIR OF FUEL TECHNOLOGY AND CHEMICAL ENGINEERING—The Registrar, The University, Sheffield, 10 (September 19).

LECTURER (with experience either in reaction mechanisms or in the application of infra-red spectroscopy) IN ORGANIC CHEMISTRY; an ASSISTANT LECTURER (with experience in instrumental and general analysis) IN ANALYTICAL CHEMISTRY; and a RESEARCH FELLOW for work involving investigations into polymer technology—The Assistant Registrar (Science), The University of Birmingham, Birmingham, 15 (September 21).

GRADUATE (with a strong background in physical chemistry) IN THE DEPARTMENT OF CHEMISTRY, to engage on research on nuclear magnetic resonance of simple nitrogen-15 compounds of biological importance—The Registrar, Queen Mary College (University of London), Mile End Road, London, E.1 (September 25).

LECTURER IN THE DEPARTMENT OF PSYCHIATRY—The Registrar, The University, Leeds, 2 (September 26).

READER IN MICROBIAL GENETICS—The Registrar, University of Newcastle upon Tyne, 6 Kensington Terrace, Newcastle upon Tyne (September 26).

ASSISTANT LECTURER (Demonstrator) IN THE DEPARTMENT OF ANATOMY (Prof. J. Z. Young), to undertake teaching and research—The Secretary, University College, Gower Street, London, W.C.1 (September 30).

CHAIR OF APPLIED MATHEMATICS—The Registrar, The University, Manchester, 13 (September 30).

CHAIR OF ELECTRICAL ENGINEERING at the University of Canterbury, Christchurch, New Zealand—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (New Zealand and London, September 30).

SENIOR LECTURER IN CYTOGENETICS AND TAXONOMY (including the development of the Herbarium) IN THE DEPARTMENT OF BOTANY, University of Ife, Nigeria—The Secretary, Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (September 30).

SENIOR LECTURER, LECTURER OR ASSISTANT LECTURER IN BOTANY, MATHEMATICS, PHYSICS (2 posts), THE DEPARTMENT OF EDUCATION, AND THE INSTITUTE OF EDUCATION, University College of Rhodesia and Nyasaland—The Secretary, Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (September 30).

PLANT PHYSIOLOGIST (with a good degree or equivalent in biology, botany or horticulture and an interest in physics, and preferably some research experience), for work on the use of CO<sub>2</sub>, water and energy by glasshouse crops—The Secretary, N.I.A.E., Wrest Park, Silsoe, Bedford (October 1).

RESEARCH ASSISTANT IN THE DEPARTMENT OF CHEMISTRY to work on the isolation of the glucose transport system from red blood cells—The Registrar, The University, Manchester, 13 (October 1).

LECTURER/SENIOR LECTURER IN BIOMETRY; and a LECTURER/SENIOR LECTURER (with special interests in either the physical aspects of geography and, in particular, specific qualifications in climatology or in economic geography and quantitative methods) IN GEOGRAPHY 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, October 5).

RESEARCH FELLOW (biochemist or physical chemist) IN THE DEPARTMENT OF MICROBIOLOGY, John Curtin School of Medical Research, Institute of Advanced Studies, Australian National University, to work on the nucleic acids of animal cells and animal viruses—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, October 12).

CHAIR OF MECHANICAL ENGINEERING IN THE FACULTY OF ENGINEERING, University of Malaya, Kuala Lumpur—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Malaya and London, October 15).

LECTURER IN GEOPHYSICS at the University of Sydney, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia, October 15).

RESEARCH FELLOW (graduate with experience in immunology) IN THE HUGH ADAM DEPARTMENT OF CANCER RESEARCH, University of Otago—The Registrar, University of Otago, P.O. Box 56, Dunedin, New Zealand (October 15).

LECTURER IN THE DEPARTMENT OF MECHANICAL ENGINEERING, University of Cape Town—The Secretary, 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 (London and Cape Town, October 19).

CHAIR OF VETERINARY SURGERY 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, October 23).

LECTURER OR ASSISTANT LECTURER (with a degree in electrical engineering, and an interest or postgraduate experience in the field of electronics, preferably microwaves or semi-conductors) IN THE DEPARTMENT OF ELECTRICAL ENGINEERING, University of Melbourne, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (October 24).

PROFESSOR OF ORGANIC CHEMISTRY—The Registrar (Room 22, O.R.B.), The University, Reading (October 24).

CHAIR OF PATHOLOGY at the University of Tasmania, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, October 30).

DIRECTOR (with an honours degree in forestry or its equivalent, considerable experience of research in several branches of forestry, administrative experience, a sound knowledge of two or more modern languages, preferably including German, ability to write good concise English, and preferably editorial experience) of the Commonwealth Forestry Bureau, Oxford—The Secretary, Commonwealth Agricultural Bureaux, Farnham House, Farnham Royal, Bucks (October 31).

POST-DOCTORAL FELLOWS (2) (physical chemists or physicists) to carry out research on atomic reactions—The Registrar, University of Canterbury, Private Bag, Christchurch, New Zealand (November 30).

BIOCHEMIST (interested in studying for a higher degree, and preferably with some enzymological experience) for work on isoenzyme purification and properties—Prof. D. N. Baron, Department of Chemical Pathology, Royal Free Hospital, Gray's Inn Road, London, W.C.1.

DEMONSTRATOR (Nigerian, with a good first degree in physics), for duties which will include the preparation and testing of undergraduate experiments, laboratory supervision, and organization of tutorials—The Registrar, University of Ife, Ibadan Branch, Ibadan, Nigeria.

ENTOMOLOGIST (between 23-44 years, with a degree in botany, zoology or entomology, and relevant postgraduate experience in applied entomological research) in Northern Rhodesia, to carry out research into the life history and control of pests of agricultural and horticultural importance—The Appointments Officer, Room 301, Department of Technical Co-operation, Eland House, Stag Place, London, S.W.1, quoting Ref. RC 213/132/03.

ENTOMOLOGIST (national of the United Kingdom or the Republic of Ireland, with a degree in biology and at least two years' postgraduate research) with the East African Common Services Organization, to study ways of improving methods of controlling or eradicating tsetse flies by insecticides and chemosterilants including both laboratory and field studies—The Appointments Officer, Room 301, Department of Technical Co-operation, Eland House, Stag Place, London, S.W.1, quoting Ref. RC 213/214/07.

HEAD OF THE ELECTRONICS SHOP IN THE NEW YORK MEDICAL COLLEGE, to be responsible for the design and maintenance of research and teaching equipment—Dr. V. B. Brooks, Professor of Physiology, New York Medical College, Fifth Avenue at 106th Street, New York, N.Y., U.S.A.

LECTURER IN THE DEPARTMENT OF ORGANIC CHEMISTRY—The Registrar, The University, Liverpool, quoting Rev. CV/266/N.

LECTURER OR ASSISTANT LECTURER IN DAIRY AND FOOD TECHNOLOGY with particular reference to quality control—The Registrar (Room 22, O.R.B.), The University, Reading.

LEUKAEMIA RESEARCH FELLOW (non-medical graduate with experience in cytogenetics) to study the cytogenetics of acute leukaemia in children—The Secretary, Institute of Child Health, Great Ormond Street, London, W.C.1.

PHYSICIST (with a good honours degree in physics and preferably some experience in medical physics) to work jointly in the University Department of Medical Physics and the Hospital Department of Nuclear Medicine on problems associated with applications of radio-isotopes to clinical medicine—The Secretary to the Board, The General Infirmary, Leeds, 1.

PROFESSOR OF ANATOMY AND HEAD OF THE DEPARTMENT—The Dean, Faculty of Medicine, University of Manitoba, Cor. Bannatyne and Emily Streets, Winnipeg, Manitoba, Canada.

RESEARCH FELLOW OR SENIOR RESEARCH FELLOW (with a good honours degree in psychology and experience of research in experimental psychology or ergonomics) IN EXPERIMENTAL PSYCHOLOGY/ERGONOMICS, to assist a team working on the effect of variations in job content and design on productivity—The Registrar, Bradford Institute of Technology, Bradford, 7.

SENIOR RESEARCH ASSISTANT IN PHYSICS to work on electron spin resonance and relaxation in compounds which exhibit co-operative magnetism—The Registrar, The University, Sheffield.

SENIOR TECHNICIAN (preferably with a special interest in microbiology) IN THE APPLIED BIOLOGY DEPARTMENT—The Registrar, Brighton Technical College, Richmond Terrace, Brighton, Sussex.