

## FORTHCOMING EVENTS

Tuesday, September 25

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, Westminster, London, S.W.1), at 5.30 p.m.—Mr. F. R. Farmer: "The Problem of Liquid and Gaseous Effluent Disposal at Windscale".

SOCIETY OF INSTRUMENT TECHNOLOGY (at Manson House, Portland Place, London, W.1), at 6 p.m.—Presentation of Bowen Prize by Mr. G. A. Whipple. Dr. E. A. Spencer and Mr. A. T. J. Hayward: "The Accurate Calibration of Flowmeters".

Wednesday, September 26

BRITISH INSTITUTION OF RADIO ENGINEERS (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street London, W.C.1), at 6.30 p.m.—Dr. H. W. Loeb: "Some Aspect of Transistor Progress".

Friday, September 28

ASSOCIATION OF APPLIED BIOLOGISTS (in the Mining Lecture Theatre, Royal School of Mines, Prince Consort Road, London, S.W.7), at 10.30 a.m.—Symposium on "The Use of Antibiotics Against Plant Diseases".

## APPOINTMENTS VACANT

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

LECTURER or ASSISTANT, Grade B (with special qualifications in plant physiology and preferably teaching and research experience) IN BOTANY—The Clerk to the Governors, Chelsea Polytechnic, Manresa Road, London, S.W.3 (September 28).

BIOCHEMIST, Senior Grade (with a first- or second-class honours degree), for duties which include both routine hospital biochemistry and work connected with the investigations into the uses of radioactive isotopes in medicine—The Secretary, Liverpool Radium Institute Management Committee, 1 Myrtle Street, Liverpool 7 (September 29).

CHEMIST (with a first- or good second-class honours degree or equivalent qualification and at least three years experience, and preferably a knowledge of liquid fuels and lubricants) in the Central Laboratory, Chiswick—The Recruitment and Training Officer (E/EV. 597), London Transport, 55 Broadway, London, S.W.1 (September 29).

DEMONSTRATOR (with a first- or second-class degree in chemistry) IN THE DEPARTMENT OF ORGANIC CHEMISTRY—The Registrar, The University, Liverpool (September 29).

ENTOMOLOGISTS (with at least a second-class honours degree in entomology, and preferably a knowledge of botany and plant ecology techniques) IN THE DEPARTMENT OF TSETSE AND TRYPANOSOMIASIS CONTROL AND RECLAMATION, Federal Ministry of Agriculture, Federation of Rhodesia and Nyasaland, for duties which will include field studies and surveys in tsetse fly areas as a preliminary to land reclamation—The Public Service Attaché, Rhodesia House, 429 Strand, London, W.C.2 (September 29).

PHYSICS GRADUATE IN THE DEPARTMENT OF RADIOTHERAPY, for work which will include developments connected with rotation therapy, multicurie cobalt units and the use of radioactive isotopes—The Assistant Administrator, Churchill Hospital, Oxford (September 29).

SCIENTIFIC OFFICER (honours graduate) IN THE PLANT PATHOLOGY SECTION to work mainly on seed-borne diseases—The Secretary, National Vegetable Research Station, Wellesbourne, Warwick (September 29).

ASSISTANT LECTURER or LECTURER (with special qualifications in palaeontology) IN GEOLOGY—The Registrar, King's College, Strand, London, W.C.2 (October 1).

LECTURER (preferably with either (a) knowledge and experience of servo mechanisms or process control; or (b) research experience in some branch of electronics) IN APPLIED ELECTRICITY—The Secretary and Registrar, University College of North Wales, Bangor (October 1).

ASSISTANT (preferably with a special interest in vertebrates) IN ZOOLOGY—The Secretary of University Court, The University, Glasgow (October 5).

LECTURER IN THE DEPARTMENT OF METALLURGY—The Registrar, The University, Liverpool (October 6).

RESEARCH ASSISTANT (with a first- or second-class honours degree in chemistry) IN THE CHEMISTRY DEPARTMENT—The Principal, Derby and District College of Technology, Normanton Road, Derby (October 6).

ASSISTANT LECTURER (Grade III) or DEMONSTRATOR IN PHARMACOLOGY—The Registrar, The University, Bristol (October 8).

STAFF TUTOR IN THE DEPARTMENT OF ADULT EDUCATION—The Registrar, University College, Leicester (October 13).

VETERINARY BACTERIOLOGIST (with a university degree in science or veterinary science, with honours, together with postgraduate research experience in bacteriology, or equivalent qualifications) IN THE DIVISION OF ANIMAL HEALTH AND PRODUCTION, Commonwealth Scientific and Industrial Research Organization, Sydney, to participate in a research programme on the bacteriology of footrot and foot abscess, including studies on the pathogenesis and immunology of these diseases; investigations on mycotic dermatitis and fleece rot of sheep will also be undertaken—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting Appointment No. 202/115 (October 13).

LECTURER IN INORGANIC CHEMISTRY at the University College of Rhodesia and Nyasaland—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (October 15).

LECTURER (with a good honours degree, including heavy current subjects) IN ELECTRICAL ENGINEERING—The Secretary and Registrar, The University, Southampton (October 15).

LECTURER (CHEMIST) IN THE DEPARTMENT OF MUNICIPAL ENGINEERING—The Registrar, College of Science and Technology, Manchester 1 (October 20).

DIRECTOR OF THE COMPUTING UNIT—The Secretary of Faculties, University Registry, Oxford (October 30).

LECTURER or SENIOR LECTURER IN FLUID DYNAMICS at the University of Tasmania—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, October 31).

PROFESSOR (with high academic qualifications and considerable experience in research or development work in metallurgy or generally in the science of materials) OF MATERIALS AND METALLURGY—The Principal, College of Aeronautics, Cranfield, Bletchley, Bucks (October 31).

READER IN MARINE BIOLOGY in the Department of Biology, University of Hong Kong—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Hong Kong, October 31).

SENIOR LECTURER IN MINERAL ENGINEERING at the University of Otago, Dunedin, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (New Zealand, October 31).

DIRECTOR OF THE MEDICAL PHYSICS UNIT—The Secretary to the University, Old College, South Bridge, Edinburgh (November 1).

AGRONOMIST (preferably with a good honours degree and practical experience) AT GAMBIA RICE FARM (H.M. Oversea Civil Service), to undertake experiments in the cultivation of irrigated rice and of alternative crops suitable for dry-season cultivation under irrigation—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.63/12/08.

ASSISTANT CONSERVATOR OF FORESTS (with a university degree in forestry or a degree in natural science supplemented by at least one year's training in forestry) in Tanganyika (H.M. Oversea Civil Service)—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.61/8/01.

ASSISTANT (Grade B) IN THE DEPARTMENT OF PHYSICS—The Clerk to the Governors, Chelsea Polytechnic, Manresa Road, London, S.W.3.

ASSISTANT LECTURER IN AGRICULTURAL ZOOLOGY—The Registrar, The University, Nottingham.

BACTERIOLOGIST, Scientific Officer or Senior Scientific Officer grade, to assist in work on the nutritional significance of micro-organisms of the digestive tract—The Secretary, Rowett Research Institute, Bucksburn, Aberdeenshire.

TEACHERS' ASSOCIATION LIMITED FELLOW IN THE DEPARTMENT OF TEXTILE INDUSTRIES, for research on cellulosic fibres—The Registrar, The University, Leeds 2.

GRADUATE IN BIOLOGICAL SCIENCE, to assist in research on mass culture of marine algae—The Professor of Zoology, The University, Southampton.

LABORATORY TECHNICIAN (with experience and skill in general bacteriological methods, and preferably special experience in methods applicable to studies on viruses and tissue culture work)—The Secretary, The Research Institute (Animal Virus Diseases), Pirbright, Surrey.

LECTURER or ASSISTANT LECTURER (Grade B) IN THE DEPARTMENT OF MATHEMATICS—The Secretary, Sir John Cass College, Jewry Street, London, E.C.3.

LECTURERS (with an honours degree) IN ELECTRICAL ENGINEERING, PHYSICS AND MATHEMATICS—The Principal, Paisley Technical College, 28-40 George Street, Paisley.

LEVERHULME SENIOR RESEARCH FELLOW (preferably with experience of bio-assay or radioisotope techniques), to work on the effects of steroid hormones in ruminants, and in particular, to investigate the physiological bases for the improvement of growth-rate resulting from hormone treatment—The Registrar, The University, Nottingham.

PHYSICS TECHNICIAN (preferably with a knowledge of vacuum technique)—The Director, Radiobiological Research Unit, Medical Research Council, Atomic Energy Research Establishment, Harwell, Berks.

RECORDS OFFICER (with a university degree in natural science or agriculture or a related biological science, and preferably experience in publishing, collecting or abstracting scientific work) IN THE DEPARTMENT OF AGRICULTURE, Federation of Nigeria, to assist in the collection and dissemination of information on agricultural research within the Federation of Nigeria, and to assist in the preparation of scientific publications and memoranda—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.63/14/041.

RESEARCH OFFICER (CYTO-GENETICIST) (with a good honours degree and at least two years postgraduate experience in plant genetics, and preferably training and experience in cytology) with the East African Agriculture and Forestry Research Organization, Kenya, to undertake genetical studies of crop plants aimed at providing basic knowledge for the breeding of plants for disease resistance and other qualities—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.195/151/01.

RESEARCH WORKER (physics graduate), for investigations on physical properties of rubber-like materials—The Secretary, Research Association of British Rubber Manufacturers, Shawbury, Shrewsbury.

SCIENCE GRADUATE (metallurgy, chemistry) for administrative and technical duties—The Assay Master, Assay Office, Newhall Street, Birmingham 3.

SENIOR LABORATORY TECHNICIAN—The Secretary, Research Station, Long Ashton, Bristol.

SENIOR LECTURER (with a good honours degree and industrial or research experience) IN THE STRENGTH OF MATERIALS—The Secretary, The Royal Technical College, Glasgow.

SENIOR SCIENTIFIC OFFICER (with a first- or second-class honours degree in electrical engineering or physics, and three years postgraduate experience, and preferably some experience in any of the