

terms and during the long vacation in the summer they will investigate a special topic and submit a thesis. The qualification for admission is an honours degree in one of the physical or biological sciences, or in agriculture, forestry or geography where appropriate foundation subjects have formed part of the degree. Applicants will normally be expected to have obtained first- or second-class honours. Further information can be obtained from the Reader in Soil Science, Department of Agriculture, Oxford.

### Productivity—the Next Five Years

THE National Productivity Year conference, "Productivity—the Next Five Years", will be held at Eastbourne during November 26–28. Its general aim is to indicate the probable development of those factors likely to lead to higher productivity during the next five years, and thus to sum up and project into the future the lessons of the Year itself. Its organization has been a co-operative effort by some forty of the national bodies supporting the Year. It is divided into five main streams, for each of which one body has taken chief responsibility, as follows: (1) research and development—the Department of Scientific and Industrial Research; (2) production—the British Productivity Council; (3) retail distribution—the Retail Distributive Trades Conference; (4) marketing—the Federation of British Industries; (5) education and training—the City and Guilds of London Institute. The British Productivity Council has also accepted general administrative charge of the conference. Further information can be obtained from the British Productivity Council, Vintry House, Queen Street Place, London, E.C.4.

### The Wellcome Trust: Awards

A TOTAL of more than £800,000 was allocated by the Wellcome Trustees for medical and veterinary research projects during the year ended August 31. In the six months prior to August 31, the Trust made the following major awards overseas: the Tata Institute for Fundamental Research, Bombay, £40,000 for the purchase of equipment to establish a molecular biology research unit; the Central Food Technological Research Institute, Mysore, £11,000 to Dr. Sreenivasan for the purchase of items of equipment for his research on protein biochemistry; the Beilinson Hospital, Petah Tikva, Israel, £26,000 for the construction of laboratories for biological research; the Harvard School of Public Health, Boston, Mass., £26,000 towards the cost of laboratories for experimental pathology, with especial reference to research on schistosomiasis; Makerere University College Medical School, Uganda, £13,800 to Prof. D. Allbrook, for the purchase of an electron microscope; Monash University, Melbourne, £5,300 to Prof. B. Hudson, for the purchase of equipment to assist his work on steroid hormones; Trinity College, Dublin, £25,150 to extend the Department of Pharmacology under Prof. G. W. Pennington.

In the United Kingdom, during the same period, major awards included: University of Leeds School of Medicine, Department of Physiology, £53,000 for equipment to assist the programme of Prof. A. Hemingway and Dr. R. J. Linden on cardiac physiology; University College, London, Department of Anatomy, £20,000 to provide additional laboratory accommodation for Prof. J. Z. Young's Department, and permit the extension of research on the electron microscopy of nervous tissue; Institute of Ophthalmology, London, £14,000 for the purchase of an electron microscope for studies of the pathology of eye diseases, under Prof. Norman Ashton; Royal Dental Hospital, London, School of Dental Surgery, £13,250 for the purchase of an electron microscope for the study of dental anatomy and pathology; University of Liverpool, £11,000 to provide a research laboratory and equipment for a new Department of Veterinary Clinical Studies under Prof. R. J. Fitzpatrick; Institute of

Dermatology, London, £10,000 to increase facilities for research on the immunology of skin diseases; London Hospital Medical College, £9,500 to build laboratory accommodation for work on respiration in the new-born, under Prof. K. W. Cross.

### The Ramsay Memorial Fellowships Trust: Fellowships for Advanced Students of Chemistry

APPLICATIONS for two Ramsay Memorial fellowships for advanced students of chemistry will be considered in February 1964. One of the fellowships will be limited to candidates educated in Glasgow, but they can apply to be considered for both fellowships. The value of each fellowship will be £750 per annum, to which may be added a grant for expenses of research not exceeding £150 per annum, and will normally be tenable for two years.

### Travel Grants

APPLICATIONS for three Ramsay travel grants for the year 1964–65 will be considered in February 1964. No travel grant will exceed £500. Two of the travel grants will be limited to junior academic chemistry staff of universities and colleges of technology or advanced technology in England, Wales and Northern Ireland. One travel grant will be limited to junior academic chemistry staff of universities in Scotland.

Further information concerning fellowships and grants can be obtained from the Joint Honorary Secretaries, Ramsay Memorial Fellowships Trust, University College, London, Gower Street, London, W.C.1. Applications must reach them not later than January 15, 1964.

### Announcements

DR. R. A. SAWYER, vice-president for research and dean of the Horace H. Rackham School of Graduate Studies at the University of Michigan, has been awarded the Frederic Ives Medal of the Optical Society of America, for his work in optics, particularly in spectroscopy.

A SYMPOSIUM on "Nucleic Acids—Structure, Biosynthesis and Function" will be held at the Regional Research Laboratory, Hyderabad, during January 16–23, 1964. Further information can be obtained from Dr. P. M. Bhargava, Regional Research Laboratory, Hyderabad 9.

A MEETING of the Welsh Soils Discussion Group on "Land Unit Classification in Relation to Productivity" will be held in Aberystwyth on November 20. Subjects under discussion will include: marling experiments in relation to the productivity of Lancashire mossland; preliminary studies on the agricultural significance of soil series; site, species and forest profitability. Further information can be obtained from C. B. Crampton, c/o the National Agricultural Advisory Service, Government Buildings, Llanishen, Cardiff.

A SYMPOSIUM on "The Utilization of Grass by Ruminants", arranged jointly by the Nutrition Society and the British Grassland Society, will be held at the Federation of British Industries, London, on December 5. Topics under consideration will include: technical aspects of the utilization of grass; volatilization of the metabolizable energy of grass; ruminal volatile fatty-acid production in relation to animal production from grass; factors affecting the voluntary intake of grass; efficient utilization of fresh grass; efficient utilization of conserved grass. Further information can be obtained from Dr. I. Macdonald, Physiology Department, Guy's Hospital Medical School, London, S.E.1.

ERRATUM. In the communication entitled "Anti-anaphylactic Action of Acetylsalicylate in Guinea Pig Lung", by H. O. J. Collier *et al.*, which appeared on p. 176 of the October 12 issue of *Nature*, line 10 of the second paragraph should read "treated with sodium acetylsalicylate 1–16 mg acid/kg" and not ". . . 1 or 8 mg acid/kg" as printed.