

Museum (Natural History); Dr. R. G. R. Bacon, reader in organic chemistry, Queen's University, Belfast, to assist him to gain information on the application of new instrumental methods, particularly nuclear magnetic resonance and mass spectrometry, to the study of complex products from organic oxidation-reduction reactions, at Melbourne; Dr. A. J. Cawley, associate professor, division of small animal medicine and surgery, Ontario Veterinary College, to enable him to learn research techniques in the study of bone and bone diseases of both man and animals, at Bristol and Oxford; Prof. I. M. Goodbody, professor of zoology, University of the West Indies, to enable him to visit British Columbia from April to June 1965, to extend his knowledge of living ascidians (Tunicata) and their ecology by a study of Pacific coast species, and with particular reference to the ecology of closely related species; Dr. Janet E. Harker, university lecturer in zoology, Cambridge, to enable her to extend her studies on malignant cell proliferation, caused by upsetting the time-control of endocrine secretion, by working on the relationship between this phenomenon and the time-control of regeneration, at the University of New England, Armidale; Dr. H. H. Huang, lecturer in physical chemistry, University of Singapore, to enable him to study the apparatus and techniques used in the field of the Kerr effect, at Sydney; Dr. R. Kretz, senior lecturer in geology, University of Queensland, to enable him to obtain data on the diffusion of alkali elements in silicate crystals and especially in natural aggregates of silicate crystals, to elucidate the kinetics of mass transfer and solid-state reactions in metamorphic rocks, at the Imperial College of Science and Technology, London; Dr. A. Lazenby, university lecturer in agricultural botany, Cambridge, to assist him to study some problems in techniques in selection criteria in grass-breeding; Dr. A. W. J. Lykke, lecturer in pathology, University of Adelaide, to assist him to study experimental techniques applied to the study of inflammation, at St. Bartholomew's Hospital Medical School, London; Dr. Enid A. C. MacRobbie, university demonstrator in botany, Cambridge, to enable her to visit Australia and to work, at Adelaide, on light effects on ion transport in *Nitella* and to learn the techniques used there in the study of ion transport in plant mitochondria; Dr. D. C. T. Pei, assistant professor of chemical engineering, University of Waterloo, Ontario, to enable him to spend about one year, commencing May 1965, with the applied heat group at the Imperial College of Science and Technology, London; Dr. C. R. Twidale, senior lecturer in geography, University of Adelaide, to assist him to study the weathering and landforms of the granite areas of south-western England, at Exeter.

Mass Spectroscopy

A MASS SPECTROSCOPY GROUP has been set up for the principal purpose of arranging regular open meetings on the subject. The committee consists of: Dr. J. H. Beynon (Imperial Chemical Industries, Ltd., Manchester) (chairman); Dr. J. Cuthbert (United Kingdom Atomic Energy Authority, Harwell); Prof. A. Maccoll (University College, London); Prof. W. C. Price (King's College, London); Dr. J. D. Waldron (Associated Electrical Industries, Ltd., Manchester); R. M. Elliott (Associated Electrical Industries, Ltd., Urmston) (secretary). A meeting organized by the Group will be held at University College, London, during September 21-22. The meeting will be open to all and will cover all aspects of mass spectroscopy. Those interested are invited to submit titles of short papers on present work before February 26. The Committee will also be grateful to receive suggestions for topics of special interest which might be given prominence or generally discussed at the meeting. Further information can be obtained from the secretary, R. M. Elliott, Associated Electrical Industries, Ltd., Scientific Apparatus Department, Barton Dock Road, Urmston, Lancs.

Churchill College, Cambridge :

Junior Research Fellowships

CHURCHILL COLLEGE offers at least three junior research fellowships in arts, mathematics, science or engineering. Applicants must be under the age of thirty on July 1, 1965, and not have spent more than four years in research work by that date. Candidates should apply to the Senior Tutor, Churchill College, Cambridge, for an application form, which must be returned by February 1, or submit a copy of a thesis by March 1. The junior research fellowships are for an initial period of three years and are of the value of £750 a year. An accommodation allowance of £250 and a children's allowance of £100 for each child are also paid to Fellows not resident in College.

Gulbenkian Fellowship

THE College also offers a Gulbenkian Fellowship which is open to graduates of any university other than those in the United Kingdom who wish to carry out advanced work, and is of the same value as the junior research fellowships. The tenure is normally for one year but may be extended. Applicants must be under the age of thirty on July 1, 1965, and not have spent more than four years in research work by that date. Applications should be submitted in the same way as for junior research fellowships.

Announcements

PROF. JONATHAN W. UHR, director of the Irvington House Institute for Rheumatic Fever and Allied Diseases, and associate professor of medicine, New York University School of Medicine, was awarded on December 28 the Newcomb Cleveland Prize, the senior award of the American Association for the Advancement of Science, for his paper entitled "The Heterogeneity of the Immune Response". The prize, including an award of 1,000 dollars and a medal, is awarded annually for an outstanding scientific contribution to the author of a paper given at the previous year's meeting of the American Association for the Advancement of Science.

THE Pacific Science Center announces the institution of the Arches of Science Award, made possible through the financial support of the Pacific Northwest Bell Telephone Co., and consisting of a gold medal and a cash prize of 25,000 dollars. It will be awarded in 1965 to a citizen or a resident of the United States in recognition of "outstanding contributions to the better understanding of the meaning of science to contemporary man". Further information may be obtained from Pacific Science Center, Inc., 200, 2nd Avenue N., Seattle, Washington 98109.

THE sixth International Soil Mechanics Conference will be held in Montreal during September 8-15. Further information can be obtained from the secretary of the Organizing Committee, M. K. Ward, c/o National Research Council, Ottawa 2.

THE eighth European Congress on Molecular Spectroscopy will be held in Copenhagen during August 14-20. Further information can be obtained from H. C. Ørsted Institute, Chemical Laboratory Five, 5 University Park, Copenhagen Ø.

THE annual symposium on "Molecular Structure and Spectroscopy" will be held in the Ohio State University, Columbus, during June 14-18. Further information can be obtained from Prof. K. Narahari Rao, Molecular Spectroscopy Symposium, Department of Physics, Ohio State University, 174 West 18th Avenue, Columbus.

AN international conference on "Electron Diffraction and the Nature of Defects in Crystals" will be held in Melbourne during August 16-21. Further information can be obtained from Dr. R. I. Garrod, Aeronautical Research Laboratories, Box 4331, G.P.O., Melbourne, Victoria.