

Islands Expedition, 6 Woodland Court, Woodlands, London, N.W.11.

Meres Senior Studentship for Medical Research, 1965

THE Council of St. John's College, Cambridge, is offering a Meres senior studentship for medical research. A candidate must be a graduate of a university, and may be of either sex. It is not a condition of election that he shall have been admitted to a degree in medicine or surgery. The student will be elected for a period of not less than one year or more than three years, as from a date not earlier than October 1, 1965, or later than April 1, 1966, to be approved by the Council. The student will be required to devote himself to medical research in any field approved by the Council. The research must be pursued in the University of Cambridge or in some place in the neighbourhood of Cambridge approved by the Council. The emolument of the studentship will be between £1,500 and £3,000 per annum depending on qualifications, seniority, and other circumstances of the applicant. The studentship is not, without the consent of the Council, tenable with a fellowship of any college or with any other studentship, scholarship or emolument, or with a salaried post; nor will the holder, without the consent of the Council, be permitted to undertake paid work, engage in private professional practice, or be a candidate for examinations for diplomas or professional qualifications. Applications must be sent, not later than November 1, to the Master, St. John's College, Cambridge, from whom further details of the studentship and the method of application can be obtained.

The Night Sky in July

NEW moon occurs on July 9d 11h 31m U.T. and full moon on July 24d 15h 58m. The following conjunctions with the Moon occur: July 5d 12h, Jupiter 3° N.; July 7d 06h, Mars 2° N.; July 27d 03h, Saturn 3° N. Mars is in conjunction with Aldebaran on July 1d 18h, Mars being 6° N., Mercury with Pollux on July 5d 18h, Mercury being 5° S., Venus with Mars on July 18d 07h, Venus being 5° S., and Mercury with Regulus on July 27d 02h, Mercury being 0.3° S. There is a partial eclipse of the Sun on July 9, invisible at Greenwich. Mercury is too close to the Sun for observation. Venus is a morning star, rising at 3h 00m, 2h 10m and 1h 30m on July 1, 15 and 31, respectively. Its stellar magnitude is -4.1; greatest brilliancy is attained on July 26. Its distance from the Earth increases during the month from 29 to 46 million miles and the visible portion of the apparent disk from 0.045 to 0.320. Mars rises three hours before the Sun on July 31, and is visible low in the east before sunrise. Jupiter rises at 1h 00m, 0h 10m and 23h 05m at the beginning, middle and end of the month, respectively. It is in Aries, its stellar magnitude is -1.8 and its distance from the Earth at the middle of the month is 500 million miles. Saturn rises at 22h 50m, 21h 50m and 20h 50m on July 1, 15 and 31, respectively. It is in Aquarius, its stellar magnitude is +0.9 and its distance from the Earth on July 15 is 838 million miles. There are no occultations of stars brighter than magnitude 6 visible at Greenwich. The δ Aquarid meteors are active during July 15–August 10, with a maximum on July 29, but they cannot be well observed in latitudes so far north as Britain. The Earth is at aphelion on July 5, when its distance from the Sun is 94.6 million miles.

Announcements

PROF. K. ZIEGLER, of the Max Planck Institute, Mulheim, has been awarded the Swinburne Medal of the Plastics Institute in recognition of his distinguished contributions to the field of olefine polymerization.

DR. M. W. HOLDGATE, of the Biological Unit, British Antarctic Survey, has been awarded the Dr. W. S. Bruce

Memorial Prize for 1964, for his work on the ecology of the islands of the Antarctic Seas. The Prize is awarded jointly by the Royal Scottish Geographical Society, the Royal Physical Society, and the Royal Society of Edinburgh.

MR. D. M. WARRINGTON, of the University of Otago, Dunedin, New Zealand, has been appointed by the Royal Society, under the terms of the scheme to commemorate the late Lord Rutherford of Nelson, to a Rutherford Scholarship for three years, to work at the Clarendon Laboratory, University of Oxford, in the field of the investigation of the properties of resonance radiation.

A CONFERENCE on "Air Pollution", arranged by the Council of Europe, will be held in Strasbourg during June 24–July 1. Further information can be obtained from the Information Officer, National Society for Clean Air, Field House, Brems Buildings, London, E.C.4.

A THREE-DAY residential summer school entitled "Progress in the Chemistry and Technology of Pigments" will be held in the University of Leeds during July 14–17. Further information can be obtained from Dr. D. Patterson, Department of Colour Chemistry and Dyeing, University of Leeds.

THE summer biological symposium of the University of Michigan on "Problems of Capillary Permeability in Health and Disease" will be held in the University during July 13–15. Further information can be obtained from the Symposium Co-ordinator, Department of Anatomy, University of Michigan, Ann Arbor.

A STUDY week on "Plasmas in Space and in the Stars", arranged jointly by the Departments of Astronomy and Radio Astronomy of the University of Manchester, will be held in the University during July 20–24. Further information can be obtained from Dr. F. D. Kahn, Astronomy Department, University of Manchester.

AN international symposium on "Organic Photochemistry", sponsored by the International Union of Pure and Applied Chemistry, will be held in Strasbourg during July 16–24. Further information can be obtained from Dr. G. S. Hammond, Gates and Crellin Laboratories of Chemistry, California Institute of Technology, Pasadena, California.

A SUMMER school, under the sponsorship of NATO, will be held at the University of Ghent during July 27–August 7. The subject of the school will be lasers, with special reference to non-linear phenomena. Further information can be obtained from Prof. W. Dekeyser, Laboratorium voor Kristallografie en Studie van Vaste Stoffen, Rozier 6, Ghent.

A COURSE of lectures on "Engineering Information Retrieval", arranged by the Institution of Chemical Engineering, will be delivered by Mr. B. E. Holm (E.I. Du Pont de Nemours and Co.) at the Imperial College of Science and Technology during June 29–July 2. Further information can be obtained from the Institution of Chemical Engineers, 16 Belgrave Square, London, S.W.1.

THE fourth International Congress of Photobiology, organized by the British Photobiology Group under the auspices of the Comité International de Photobiologie, will be held in Oxford during July 26–30. The programme will include discussions on the following topics: basic photochemistry in relation to photobiology; photochemistry of nucleic acids and its biological implications; human colour vision; photoreception; photoenvironment; energy conversion and the photosynthetic unit; micro-irradiation of cells. Further information can be obtained from the Congress Office, Blandford Site, Whiteknights Park, Reading.