

Junior Moulton medal and prize of books, and the Osborne Reynolds medal, all of which were instituted in 1929. The Moulton medal, which commemorates the chemical engineering work of the late Lord Moulton at the Department of Explosives Supply, is awarded for the best paper of each year presented before the Institution. Papers by non-members of the Institution are eligible for this medal. For 1933 the award is made for the following papers: "The Mechanical Properties of some Austenitic Stainless Steels at Low Temperatures", by Messrs. E. W. Colbeck, W. E. MacGillivray and W. R. D. Manning; and "The Mechanical Properties of Metals at Low Temperatures. (2)—Non-Ferrous Materials", by Messrs. E. W. Colbeck and W. E. MacGillivray. The Junior Moulton medal is given for the best paper of the year read before the Graduates and Students Section of the Institution. Only papers by graduates and students of the Institution are considered for this medal and prize. For 1933 the award is made for the paper: "The Solvent Extraction of Sulphur from Sicilian Ores", by Dr. E. H. T. Hoblyn. The Osborne Reynolds medal commemorates the fundamental investigations of the late Prof. Osborne Reynolds, and is awarded for meritorious service for the advancement of the Institution. For 1933 the award is made to Mr. H. W. Cremer. Mr. Cremer acted as honorary secretary of the Institution during the illness of the late Prof. J. W. Hinchley in 1931, and was appointed to succeed Prof. Hinchley in that office on the latter's death.

Announcements

H.R.H. THE PRINCE OF WALES has consented to become patron of the London School of Hygiene and Tropical Medicine, with which is incorporated the Ross Institute.

THE Catherine Wolfe Bruce gold medal of the Astronomical Society of the Pacific for the year 1934 has been awarded to Prof. Alfred Fowler, Yarrow research professor of the Royal Society and professor of astrophysics in the University of London (Imperial College of Science), for his distinguished service in the field of astronomy.

THE council of the Institution of Electrical Engineers has made the twelfth award of the Faraday medal to Sir Frank E. Smith, secretary of the Department of Scientific and Industrial Research. The Faraday medal is awarded either for notable scientific or industrial achievement in electrical engineering or for conspicuous service rendered to the advancement of electrical science, without restriction as regards nationality, country of residence, or membership of the Institution. Dr. R. Thury, of Geneva, has been elected an honorary member of the Institution.

MR. C. S. WRIGHT, superintendent of the Admiralty Research Laboratory at Teddington, has been appointed as from July 8 to be director of scientific research, Admiralty, in succession to Dr. C. V. Drysdale.

PROF. HANS FISCHER, professor of organic chemistry and *Privatdozent* in plant physiology in the Bavarian Technical High-school, Munich, will deliver the fourth Pedler lecture before the Chemical Society on Thursday, February 22, at 8 p.m., in the lecture theatre of the Royal Institution. The title of Prof. Fischer's lecture will be "Chlorophyll". Admission to the lecture will be free without ticket.

A CONFERENCE on "Problems of Potato Growing" will be held at the Rothamsted Experimental Station, on Tuesday, February 20, at 11.30 a.m. The chair will be taken by Capt. J. Mollett, chairman of the Potato Marketing Board. Papers on problems in potato cultivation will be read by Drs. G. H. Pethybridge, R. T. Leiper, H. E. Woodman, E. M. Crowther, and Mr. H. V. Garner. Further information can be obtained from the Secretary, Rothamsted Experimental Station, Harpenden.

WITH the issue on January 5, the *Deutsche Medizinische Wochenschrift* entered the sixtieth year of its existence. It contains several important articles, notably one on rheumatic diseases by Prof. Aschoff, and another by Prof. Heine on inflammatory conditions of the iris, with an excellent coloured plate.

A VOLUME of "Abstracts of Dissertations approved for the Ph.D., M.Sc. and M.Litt. Degrees in the University of Cambridge during the Academical Year 1932-1933" (Cambridge University Press, 1933) has been issued, the summaries having been approved by the examiners or by the student's supervisor. By this means, the nature of research work which might otherwise be overlooked for a time is made easily accessible, and copies of the dissertations can be consulted if desired in the University Library or at the University Registry.

APPLICATIONS are invited for the following appointments, on or before the dates mentioned:—An agricultural chemist at the Imperial Institute of Agricultural Research, Pusa—The High Commissioner for India, General Department, India House, Aldwych, London, W.C.2 (Feb. 12). A curator of the Wakefield Museum and Art Gallery—The Town Clerk, Town Hall, Wakefield (Feb. 17). A borough engineer to the Metropolitan Borough of Hackney—The Town Clerk, Town Hall, Hackney, E.8 (Feb. 17). An inspector in connexion with agricultural and horticultural education and research—The Secretary, Ministry of Agriculture and Fisheries, 10, Whitehall Place, S.W.1 (Feb. 26). A temporary veterinary officer to the Lancashire County Council—The Clerk of the County Council, County Offices, Preston (Feb. 28). A bacteriologist and clinical pathologist at Queen's Hospital, Birmingham—The House Governor (March 5). A City bacteriologist to the City Council and professor of bacteriology in the University of Liverpool (joint appointment)—The Registrar, The University, Liverpool (April 14). An assistant in the Museum at the Royal Botanic Garden, Edinburgh—The Regius Keeper.