

a numerous and representative corps of observers and to equip and maintain an efficient central organization in touch with all other relevant research associations, however different their methods. The observers will collect their data, which cover as wide a field as possible in order to provide sufficient cross-references to indicate the probable nature of the bias in any individual report. The scientific expert will be required not only as an observer himself but also in drawing up the plan of work, framing well-constructed hypotheses to be tested by mass-observation methods and in suggesting subjects for detailed inquiry, as well as in the interpretation of the data collected and in securing a more rigorous objectivity. The presentation of the results involves further problems, as not only must facts be collected over the widest possible field, but also they must be made known to the widest possible field. As soon as possible, pamphlets at present projected will deal with such questions as popular superstitions, reasons for watching birds, the meaning given to freedom, and will be based on the work of the observers. They will be followed by cheap editions of relevant scientific books, and a monthly bulletin designed for wide circulation is also contemplated. The central office and filing system is at 6 Grote's Building, Blackheath, London, S.E.3.

Mould and Bacteria Killed by New Lamp

In the *International Merchant*, a monthly pamphlet published by the Westinghouse Electric International Company at New York, a description is given of the 'Sterilamp', a gaseous conductor tube which produces very decided germicidal radiation at low temperature and low cost. It has taken nine years to develop. It is claimed that it prevents the growth of mould and bacteria on the surface of meat aged at high temperature and high humidity. It also retards the growth of mould on bakery products. Tests have shown that the lamp is useful in pasteurizing milk and beer. It is particularly useful in sterilizing conditioned air. The lamp generates radiant energy of a particular wave-length of which 90 per cent is in a region of the radiant spectrum which has been found to be strongly germicidal. It is made in lengths of 10, 20 and 30 inches, and the 20-inch size requires only 7 watts. Of great importance when making applications to food is the fact that the unit operates at a temperature only about 5° F. above that of the room. The lamp and auxiliary equipment is now on the market.

W. Watson and Sons, Ltd.

MESSRS. W. WATSON AND SONS, LTD., of 313 High Holborn, London, W.C.1, have issued a booklet detailing the history of the firm in celebration of its centenary. Founded in 1837 for the manufacture of optical instruments by William Watson at 71 City Road, the business continued at this address until 1861, when it moved to 313 High Holborn, where it has since remained, and has been continuously carried on by members of the Watson family. The microscope was becoming a feature of the Watson firm in the 'seventies of last century, together with

cameras and lenses, since when telescopes, X-ray equipment, cinematographs, projection lanterns and other optical instruments and apparatus have been manufactured. A pleasing portrait of William Watson, the founder, forms a frontispiece to the booklet, which concludes with a series of plates illustrating the products of the firm during the hundred years of its existence.

Gift to the Royal Cancer Hospital

MR. A. CHESTER BEATTY, who has recently been elected vice-president and a member of the committee of the Royal Cancer Hospital, has purchased the Freemasons' Hospital, Fulham Road, with the intention of presenting the building for conversion into the Research Institute of the Hospital, and Mr. Chester Beatty is equipping the building for this purpose in addition to presenting it to the Hospital. It is well known that the Royal Cancer Hospital has maintained a research institute for many years under the direction of Prof. E. L. Kennaway. Mr. Chester Beatty is also generously entirely re-equipping the Radio-therapeutic Department of the Royal Cancer Hospital, at a cost of some £13,000, with the latest modern high-voltage X-ray therapy apparatus embodying many new features which will prove of inestimable value, not only in the treatment of cancer but also in affording full and adequate protection to both patients and operators during the carrying out of the treatment. The Royal Cancer Hospital is a school of the University of London and, in order to encourage the study of radiology, Mr. Chester Beatty has provided a travelling scholarship which has been accepted by the senate of the University of London. The scholarship will enable a student of radiology, after obtaining the academic diplomas in medical radiology, to spend a year in one of the great radiological clinics of the United States of America.

The National Health Campaign

LAST week, November 1-6, marked the beginning of the second month of the National Health Campaign, which was recently inaugurated by the Prime Minister, and this period has been devoted to the general aspects of the campaign and has aroused considerable public interest. During November and December special emphasis is being laid on the services available for mothers and infants, while in January next the child at a later stage, the school age, will be considered, together with the value of co-operation between home and school. The medium of the campaign varies; numerous posters and leaflets have been issued, public meetings and films have been arranged, and the support of the Press and of the wireless is expected.

Announcements

MISS JEAN BATTEN has been awarded the Gold Medal of the Royal Aero Club in recognition of her many Empire flights.

DR. A. G. FRANCIS has been appointed deputy Government chemist in succession to Mr. Andrew More, who retired on November 3.

THE following appointments have recently been made in the Colonial Service: M. Akenhead, agricultural superintendent, Gold Coast; W. E. T. Bond, agricultural officer, Nigeria; J. S. P. Beard, assistant conservator of forests, Trinidad; R. M. Harley, assistant conservator of forests, Gold Coast; C. A. Banister, dairy bacteriologist, Malta; D. R. Buxton, entomologist, Sleeping Sickness Service, Nigeria; J. Cherry, air survey draughtsman, Tanganyika; K. E. Cowan, inspector of plants and produce, Gold Coast; D. E. Davis, assistant analyst, Medical Department, Hong Kong; W. G. Evans, sleeping sickness control officer, Nigeria; R. K. J. Gascoigne, field officer, Tsetse Research Department, Tanganyika; E. G. Harmer, sleeping sickness control officer, Nigeria; H. Hirst, adviser in animal husbandry, Malta; R. E. Hunter, chief fruit inspector, Palestine; R. R. E. Jacobson, geologist, Nigeria; F. Jones, sleeping sickness control officer, Nigeria; E. M. Kidner, sleeping sickness control officer, Nigeria; R. B. Stonehouse, assistant meteorologist, West African Meteorological Service; I. P. Tamworth, assistant superintendent, Botanical and Forestry Department, Hong Kong; P. E. Trevor, sleeping sickness control officer, Nigeria; E. A. Walters (agricultural superintendent, St. Lucia), agricultural superintendent, Gold Coast; R. Daubney (chief veterinary research officer), director of Veterinary Services, Kenya; J. R. Hudson (veterinary research officer), deputy director of Veterinary Services (Laboratory Services), Kenya; R. W. M. Mettam (veterinary pathologist, Uganda), veterinary pathologist, Nigeria; E. J. Mulligan (senior veterinary officer), deputy director of Veterinary Services (Field Services), Kenya; H. Atkinson (deputy government analyst, Ceylon), government chemist, Cyprus; R. J. Johnston (assistant surveyor general), deputy surveyor general, Ceylon; I. F. Wilson (superintendent of surveys), assistant surveyor general, Ceylon; L. G. Woodhouse (deputy surveyor general), surveyor general, Ceylon.

THE trustees of a fund raised to commemorate Sir William Simpson, the well-known authority on tropical diseases, have offered the London School of Hygiene and Tropical Medicine the fund for the establishment of a prize to be awarded annually to a student obtaining the highest marks at Part I of the January examination for the diploma of tropical medicine and hygiene.

THE Huxley Memorial Lectures of the Imperial College of Science and Technology are now held biennially, and a new series of lectures, commemorating other distinguished men who have served on the staff of the College, was inaugurated in 1936. The second of these lectures will be given on May 4, 1938, in memory of Sir Warington W. Smyth. Prof. S. J. Truscott has agreed to deliver the lecture, the title of which will be "Metal Mining Enterprise".

THE Home Secretary has appointed the following committee to consider lighting in factories and workshops and to advise about standards of sufficient and

suitable lighting as prescribed in the Factories Act, 1937: Mr. D. R. Wilson, chief inspector of factories (chairman), Mr. J. S. Dow, Mr. John A. Gregorson, Miss Florence Hancock, Prof. H. Hartridge, Dr. C. S. Myers, Sir John Parsons, Mr. William Scholes, Mr. G. W. Thomson, Dr. J. W. T. Walsh, and Mr. H. C. Weston. The secretary of the committee is Mr. R. W. Daniel, to whom all communications should be addressed at the Home Office, Whitehall, S.W.1.

A COURSE of training in the inspection of milk pasteurizing plants will be held at the Royal Sanitary Institute on Thursday, November 25, and Saturday, November 27. Members and associates should apply to the Institute, 90 Buckingham Palace Road, London, S.W.1.

THE British Institute of Adult Education and the National Institute of Industrial Psychology jointly have arranged a conference to discuss the problems of leisure, to be held at Queen Mary Hall, Central Club Buildings, Great Russell Street, London, W.C.1, on Thursday, November 18, at 3 p.m. Invitations are being extended to representatives of organizations engaged in educational, recreative and social work and to selected individuals.

THE portraits of Sir Albert Seward and Dr. F. F. Blackman by Mr. Harold Knight and Mr. Henry Lamb respectively, which were subscribed for by Cambridge friends and British botanists, have been kindly presented to the Botany School, Cambridge. Prof. Brooks and the staff of the School will be "At Home" to subscribers on November 23 at 3.30-5 p.m., when Sir Albert Seward and Dr. Blackman hope to be present.

DR. BERNARD NOCHT, emeritus professor of tropical diseases and tropical hygiene at Hamburg, celebrated his eightieth birthday on November 4.

THE fifteenth International Congress of Ophthalmology will be held in the Semiramis Hotel, Cairo, on December 8-14. The subscription is 50 Swiss francs, and for ladies 25 francs. Further information can be obtained from the secretary, Dr. M. Tewfik, P.O.B. 2001, Cairo.

PROF. M. POLANYI writes further with reference to the paragraph in our News and Views columns of October 30, p. 766, relating to his article on the recent international science congress in Paris. In that note we printed a statement as received from him in his original typescript, together with a correction by him of the editorial modification of it as published in NATURE of October 23. The two statements are contradictory; and Prof. Polanyi now asks us to say that this "was due to my error in sending the editor a typescript in which two symbols (half of a parenthesis and a plural forming 's') were left out. Eliminating these typing errors the text clearly has the sense which I stated in NATURE, October 30, page 766".