

the former, the paper by Pincus and Merrill on the role of steroids in the control of mammalian ovulation.

Taken as a whole the book is a most valuable addition to the literature on this complicated and still imperfectly understood subject. Much of it is rather heavy going for the clinician, though of great interest to the experimental worker in this field.

G. I. M. SWYER.

### PSYCHODYNAMIC THEORY

*Personality Structure and Human Interaction. The Developing Synthesis of Psychodynamic Theory.* By Harry Guntrip, Ph.D. (Pp. 456. 45s.) London: The Hogarth Press Ltd.

The author is a lay psychotherapist with a background of philosophy, theology, and social studies. He has been profoundly influenced by Fairbairn, the distinguished Edinburgh psychoanalyst. He presents a historical survey of the psychoanalytic contribution to the study of personality, beginning with Freud and leading through Melanie Klein to Fairbairn, whose views he fully accepts.

The value of the book lies in the thorough and fair presentation of the various views and their pros and cons. Not being a medical man the author is not biased in favour of a biological foundation of human behaviour, which is so characteristic a feature of Freudian theory and which has made psychoanalysis so attractive to many doctors. Fairbairn has dissociated himself from Freudian psychobiology and has evolved an "object-relation" theory according to which psychology resolves itself into a study of the relationships of the individual to his objects, external and internalized. Libido and aggression, which according to psychoanalysis are the driving forces of human behaviour, are held to be subservient to the need for object-relations. It is this need which is supposed to govern the personality. Neurotic, depressive, and schizoid behaviour are regarded as being due to unsatisfactory early object-relationships.

A theory such as this creates many more psychological and philosophical difficulties than it undertakes to solve. The mind becomes once again a closed system producing its own energy, independent of the body. The book is nevertheless worthy of interest because it grapples seriously with a fundamental problem and highlights some of the shortcomings of the theories it sets out to supersede. But as an attempt at disposing of the psychobiological approach to the study of personality it is unconvincing and unlikely to succeed.

E. STENGEL.

### BOOKS RECEIVED

*Review is not precluded by notice here of books recently received.*

**Progress in Liver Diseases.** Volume 1. Edited by Hans Popper, M.D., Ph.D., and Fenton Schaffner, M.D., M.S. With 36 contributors. (Pp. 363+x; illustrated. \$13.75.) New York and London: Grune and Stratton. 1961.

**Potassium in the Animal Organism.** Proceedings of the Sixth Congress of the International Potash Institute, Amsterdam, 1960. (Pp. 828; illustrated. No price.) Berne: International Potash Institute. 1961.

**Travaux Scientifiques.** By J. Nicolesco. (Pp. 616; illustrated. No price.) Bucharest: Éditions de l'Académie de la République Populaire Roumaine. Paris: Masson et Cie. 1959.

**Scoliozele.** By Al. Radulescu. (Pp. 293; illustrated. Lei 25.) Bucharest: Academiei Republicii Populare Romine. 1961.

**The Toadstool Millionaires.** A Social History of Patent Medicines in America before Federal Regulation. By James Harvey Young. (Pp. 282+xii. 48s.) Princeton: University Press. London: Oxford University Press. 1961.

**Die Supervolttherapie. Grundlagen, Methoden, und Ergebnisse der Therapie mit Energierichen Teilchen und Ultraharten Strahlen.** Edited by J. Becker and G. Schubert. (Pp. 584+xvi; illustrated. DM 145.) Stuttgart: Georg Thieme Verlag. 1961.

**Basic Neuropathological Technique.** By G. Gasser, F.I.M.L.T. Introduction by A. L. Woolf, M.D. (Pp. 74+x; illustrated. 20s.) Oxford: Blackwell Scientific Publications. 1961.

**Hemodynamics of Aortic and Mitral Valve Disease. Transbronchial Studies.** By Alvin J. Gordon, M.D., Paul A. Kirschner, M.D., and Howard L. Moscovitz, M.D. (Pp. 136+vi; illustrated. \$5.75.) New York and London: Grune and Stratton. 1961.

**The Chromatography of Steroids.** By I. E. Bush, M.A., Ph.D., M.B., B.Ch. (Cantab.) (Pp. 437+xxii; illustrated. 80s.) Oxford, London, New York, Paris: Pergamon Press. 1961.

**Advances in Genetics.** Volume 10. Edited by E. W. Caspary and J. M. Thoday. (Pp. 429+x; illustrated. 80s.) New York and London: Academic Press. 1961.

**Body Composition of Newborn Infants of Diabetic Mothers.** By Mogens Osler. (Pp. 79; illustrated. No price.) Copenhagen: Aarhuus Stiftsbogtrykkerie. 1961.

**Asylum to Community: The Development of the Mental Hygiene Service in Victoria, Australia.** By E. Cunningham Dax. (Pp. 229; illustrated. 30s.) Melbourne, Canberra, Sydney: F. W. Cheshire for the World Federation for Mental Health. 1961.

**International Review of Neurobiology.** Volume 3. Edited by Carl C. Pfeiffer and John R. Smythies. (Pp. 402+xi; illustrated. 86s.) New York: Academic Press Inc. 1961.

**Cumulative Book Index. World List of Books in the English Language.** January-July, 1961. Edited by Nina R. Thompson. (Pp. 1,062+viii. No price.) New York: The H. W. Wilson Company. 1961.

**Measurements in Medicine. Some Epidemiological Contributions to the Etiology and Control of Infection.** By Robert Cruickshank, M.D., F.R.C.P., D.P.H. (Pp. 46. No price.) Edinburgh: Royal College of Physicians. 1961.

**Some Recent Developments in the Chemistry of Phosphate Esters of Biological Interest.** By H. Gobind Khorana. (Pp. 141+x; illustrated. 40s.) New York and London: John Wiley and Sons, Inc. 1961.

**The Dictionary of National Biography. The Concise Dictionary Part II: 1901-1950.** Being an Epitome of the Twentieth Century D.N.B. down to the end of 1950. (Pp. 528. 42s.) London: Oxford University Press. 1961.

**The Thymus, Myasthenia Gravis, and Manganese. Incorporating Myasthenia Gravis, Manganese, and THF Thymus.** By Emanuel M. Josephson, M.D. (Pp. 124+ii; illustrated. \$7.50 clothbound, \$5 paperbound.) New York: Chedney Press. 1961.

**Langenbecks Archiv für Klinische Chirurgie.** Kongressorgan der Deutschen Gesellschaft für Chirurgie. 298 Band. Kongressbericht. Edited by W. Block. (Pp. 1,006+cxxiii; illustrated. DM. 98.) Berlin, Göttingen, Heidelberg: Springer-Verlag. 1961.

**The Mammalian Egg.** By C. R. Austin, B.V.Sc., D.Sc. (Pp. 183+xiii; illustrated. 42s.) Oxford: Blackwell Scientific Publications. 1961.

**Miscellaneous Notes.** Thirteenth Series. By F. Parkes Weber, M.D., F.R.C.P., F.S.A. (Pp. 8. 2s. 6d.) London: H. K. Lewis. 1961.

**Handbuch der Haut- und Geschlechtskrankheiten.** Volume IV, part 2. *Die Viruskrankheiten der Haut und die Hautsymptome bei Rickettsiosen und Bartonellosen.* Edited by A. Marchionini and Th. Nasemann. (Pp. 620+xvi; illustrated. DM. 210.) Berlin, Göttingen, Heidelberg: Springer-Verlag. 1961.

**Radioactive Isotopes in Physiology Diagnostics and Therapy.** Edited by H. Schwiegk and F. Turba. In two volumes. Second edition. (Vol. I: Pp. 1,327+xliv; illustrated. Vol. II: Pp. 1,248+xxii; illustrated. Price for 2 vols., DM. 398.) Berlin, Göttingen, Heidelberg: Springer-Verlag. 1961.

## Universities and Colleges

### UNIVERSITY OF ST. ANDREWS

At a Graduation Ceremonial held on January 12 the following degrees were conferred:

M.B., Ch.B.—Christeen Barnabas, D. M. Bowman, D. C. Dixon, Patricia A. Turner (or Forder), P. Freeman, Uglia Sa'd Haddad, A. L. Hamilton, M. Joyce, S. B. F. Laing, D. H. Macdougall, Patricia M. Marshall, C. T. Methven, Fiona C. Raitt, M. Tayabali, T. A. Travis.

### ROYAL COLLEGE OF SURGEONS IN IRELAND

On December 1, 1961, the Fellowship of the College was conferred on Wray Ellis.

### ROYAL COLLEGE OF SURGEONS OF ENGLAND

At a meeting of the Council of the College held on January 11, with Sir Arthur Porritt, President, in the chair, Dr. Owen H. Wangensteen, of the University of Minnesota Medical Center, was admitted to the Honorary Fellowship.

The deaths of the Rt. Hon. Sir Earle Page and Dr. Richard Lewisohn, Honorary Fellows, were recorded with deep regret.

The Court of Examiners attended and Sir Arthur Porritt presented to them a badge of office for the use of the Chairman.

Diplomas of Fellowship were granted to R. W. M. Frater, of Capetown, and R. A. Elson, of Ilford.

A Diploma of Membership was granted to J. R. Robson, of Cardiff.

The following diplomas were granted, jointly with the Royal College of Physicians of London:

DIPLOMA IN LARYNGOLOGY AND OTOLARYNGOLOGY.—A.-F. M. Allam, A. G. Ambegaokar G. C. Bhattacharjee, T. D. Carter, V. C. Dalal, I. Eisenberg, S. K. Ghosh, Z. A. Hamdi, S. A. Jaleli, C. F. Kops, D. G. Mackie, B. M. Makim, M. Y. Najjar, N. S. Shah, J. R. Shoeth, B. Singh, K. Veeranna, V. Viswachandra Kumar, J. M. Wilson.

DIPLOMA IN ANAESTHETICS.—Sanyogita N. Allahbadia, H. Alsfine, Jane E. Anwan, A. H. Atkinson, H. R. Bassam, Elizabeth S. Bates, H. E. Bentley, V. B. Bhardwaj, Margaret A. Branthwaite, P. J. Breen, Janette J. Brown, H. E. R. Chew, B. A. Choudhary, R. C. Clark, T. K. Clarke, J. A. I. T. Clement, R. J. Cole, L. Cook, W. G. Cooper, J. Crook, D. J. Dallas, L. A. Davis, Ann V. Daws, A. K. Deb, Susan J. de Graaff-Hunter, Vasumathi N. Divekar, D. J. de S. Ekanayake, A. J. H. Ellison, J. Ellul, I. M. Evans, A. Fortuna, Jane M. Foster, Ruth Frank, R. W. Gabriel, G. R. Gerson, W. R. Gibson, E. O. Goonetilleke, N. D. Gripper, A. W. Grogono, S. R. Gupte, J. G. Halverstam, Lesley K. Harness, R. G. Harrison, B. Hill, D. J. Hill, P. McN. Hill, G. L. Horsfall, V. S. Iyer, J. Jacobson, S. A. Janmohamed, Margaret B. Jones, M. Jooste, Prabha R. Kangle, M. G. Kellock, Patricia E. Kennedy, S. K. Kothari, C. R. Lattimore, Helen M. J. Lawn, A. P. Lees, Enid S. Legrange, J. J. Maher, Valerie Major, Sandur Malathi, R. D. Marshall, M. N. Mhaskar, L. J. Miller, Geneva M. Mitchell, P. Morris, W. Murdoch, P. V. Murphy, A. P. Nasser, R. E. Needs, Janet E. Page, G. N. Penlington, D. Polak, R. Pouliadis, V. Promtavethi, J. L. Rae, P. M. Rainsford, B. W. Rasiah, Anne L. Riffkin, N. W. Sargent, Olive P. Sharp, J. Silver, Barbara G. Smith, R. G. Smith, J. W. Soper, G. B. Sutton, S. G. Sutton, E. B. Tagoe, J. B. Thomas, P. J. Thompson, Edith M. Varley, L. R. Walker, Franca Warrington, Margaret J. Watt, Ann Whitfield, C. J. F. Li. Williamson, Susan M. Wilson, Jean A. Wright.

DIPLOMA IN MEDICAL RADIO-DIAGNOSIS.—J. B. Abdullah, B. B. Aggarwal, S. K. Aggarwal, N. Ballai, Ching Fun Chan, Doris Pui-Lai Chan, Let Kong Chin, M. V. Choksi, B. Eddleston, P. J. Engelbrecht, T. B. Ferguson, A. D. Gough, P. D. Harkness, G. Hartley, R. E. D. Harvey-Samuel, J. Hyland, G. C. Jhaveri, J. K. Johnson, Eugene Wei-Yu Kao, Darling Shih-Min Lee, R. K. Levick, F. M. Low, R. S. McDonald, W. E. McEvoy, A. M. Macleod, M. S. Malik, E. W. A. Malone, J. S. Mehta, Chong Lin Oon, J. B. Penry, M. J. Raphael, J. Shnier, S. B. Sinha, D. A. Smith, A. R. Watson, Mary C. Wood.

DIPLOMA IN MEDICAL RADIOTHERAPY.—J. H. R. Allen, S. D. Archimandritis, Vivien E. Basco, Jeannette M. V. Burgers, S. Chander, Jane B. Davey, M. L. Fenner, Saisudhai Gojaseni, A. S. MacKenzie, M. K. Mitter, J. M. Pinto, E. H. Porter, A. M. Quraishi, V. K. M. Rao, T. L. Ringrose, S. P. Singh, D. B. L. Skeggs, Kawee Tungsutbura.

DIPLOMA IN PSYCHOLOGICAL MEDICINE.—R. N. Antebi, L. Arenillas, Hazel B. Baker, R. V. Berry, Camilla B. P. Bosanquet, Diana Bovill, J. R. G. Carrie, I. G. Christie, C. J. Collins, Stella M. Conway, M. H. Davies, Elaine C. Donoghue, P. T. d'Orban, Nancy Egerton, A. Hakki, W. D. S. Hepburn, H. Hunter, F. John, D. M. H. Jones, R. G. Lascelles, K. Leddy, E. Lewis, D. W. McIntosh, A. Minto, M. F. El-I. Abd El-F. Mohamed, A. M. F. Okasha, M. Riahinejad, P. D. Rohde, T. A. L. Smith, D. A. Stephens, P. G. Todd, M. Vallance, J. Varsamis, J. W. Warburton, Maidie E. Wilson, M. Wright, Ruth E. Young.

DIPLOMA IN PATHOLOGY.—H. Allison, W. de C. Baker, M. E. J. Beard, E. W. Colley, Maung Ko, S. T. H. H. Pilbeam, D. S. Smith, R. G. Stark, Kheng Khoo Tan, D. Tavarie.

DIPLOMA IN PUBLIC HEALTH.—H. A.-W. Al-Barzangi, W. H. G. Batham, Margaret E. Broughton, Gwyneth E. Carey, H. J. P. Diggory, Gabrielle J. M. Grasset-Molloy, M. M. Hossain, T. B. Jenevizian, D. A. H. Johnson, B. Kalcev, J. S. Mathur, I. B. O. Ogun, R. Prakash, Aileen B. Ridout, Isabel G. Smith, A. H. Snaith, P. M. Twist, T. H. White.

DIPLOMA IN TROPICAL MEDICINE AND HYGIENE.—M. Abbas, Lillemor M. Eriksson, F. Y. Jazrawi, S. H. Khan, O. P. Sharma, A. Woldesemait.

DIPLOMA IN INDUSTRIAL HEALTH.—D. J. Patel.

DIPLOMA IN CHILD HEALTH.—G. J. Bench.

After the meeting the Watson-Jones Lecture was delivered by Mr. F. W. Holdsworth on "Fractures, Dislocations, and Fracture Dislocations of the Spine."

## Vital Statistics

### Smallpox Outbreak

Up to the beginning of this week there had been 16 confirmed cases of smallpox in England and Wales and these included 6 deaths. In addition 2 patients were suspected of having the disease.

Since the beginning of the outbreak there had been 5 deaths in the Bradford area (3 adults, 2 children). Six patients were in the Oakwell Smallpox Hospital (a doctor, a nurse, and 4 children), and 2 suspected cases there were found not to have the disease. In Witton Smallpox Hospital, Birmingham, there were 3 cases (2 Pakistani and 1 doctor). At Cardiff there was 1 case in hospital (a Pakistani). One patient (Pakistani) from St. Pancras, London, had died.

The Argentine has sent one million doses of vaccine as a free gift. Half a million doses have been imported from Canada, and one and a half million from the U.S.A.

### Influenza

Deaths from influenza rose from 531 in the week ending January 6 to 741 in the week ending January 13, and deaths from pneumonia from 2,079 to 2,421. Preliminary figures for deaths from bronchitis show, subject to correction, a fall from 2,520 to 2,322. The corresponding figures for the second week in 1961 were influenza 246; pneumonia 1,149; and bronchitis 1,372. Admissions to hospital through the London Emergency Bed Service began to fall after a peak reached on January 4. During the week ending January 9 new claims on the Ministry of Pensions and National Insurance in England, Wales, and Scotland rose to 477,347, an increase of 135,741 over the previous week. The widely prevalent respiratory illnesses throughout England and Wales are to some extent associated with influenza virus B infection, but a substantial proportion are of undetermined origin.

### Infectious Hepatitis in Canada

The number of cases of infectious hepatitis notified in Canada in 1961—12,000—was a record, being nearly double the number in 1960. The reason for the increase is being studied, but Dr. E. W. R. Best, of the Federal Health Department, is reported to have said that contamination of well-water from sewage-disposal systems in some rural areas is a matter of concern.

Infectious hepatitis is not notifiable in England and Wales except in East Anglia (nine counties), where jaundice attributable to various causes is notifiable. It is not possible to say how many of these cases are due to infectious hepatitis, but it is presumed to be a high proportion. In 1960 837 notifications were received (Essex, with 264, had the highest number of cases). Deaths from infectious hepatitis in England and Wales numbered 308 in 1960, with 19 in East Anglia. There has been little variation in the number of deaths during the past 10 years. (Report of the Ministry of Health for the Year 1960, Part II.)

### Records of Notifiable Diseases

Because of delays in the post the *Registrar-General's Weekly Return for England and Wales* is being published later than usual. We are therefore unable this week to publish the table of infectious diseases and vital statistics and information about areas where notifiable diseases are particularly prevalent.

Swiss border and that from Vienna to Italy via Klagenfurt. (*Sunday Telegraph*, January 14.)

#### People in the News

- Professor R. LLEWELYN DAVIES has been appointed consulting architect for the Federation of Rhodesia's multi-racial medical school and teaching hospital in Salisbury, which is estimated to cost in the region of £1,800,000.
- Dr. B. SPOCK, the American paediatrician, is to receive the honorary D.Sc. of Durham University in July.
- Professor K. MATHER, professor of genetics and vice-principal of Birmingham University, is undertaking a 10-day British Council tour of Italy to meet Italian specialists in his field and hold seminars at the Institutes of Genetics at five universities.

#### COMING EVENTS

**Institute of Dermatology.**—Exhibition, "Moniliasis," February 1-23, by Dr. R. W. RIDDELL.

**Milroy Lectures.**—Dr. R. F. L. LOGAN, "The Quality of Medical Care," February 6, 8. See advertisement p. 65.

**Proposed British Geriatric Nurses Association.**—All nurses and others interested are invited to discuss this project at a preliminary meeting, February 23, 2 p.m., St. John's Hospital, Battersea, London W.11.

**University of London.**—Professor ROBERT E. OLSON (professor of biochemistry and nutrition, Graduate School of Public Health, University of Pittsburgh), "An Ecologic View of Atherosclerosis," March 16, 5.30 p.m., main lecture theatre, London School of Hygiene and Tropical Medicine, Keppel Street, London W.C.1. Admission free, without ticket.

**University of Cambridge Postgraduate Medical School.**—Symposium, "Halothane," March 17, Postgraduate Lecture Room, Addenbrooke's Hospital, Cambridge. Details from Secretary of Medical School, Tennis Court Road, Cambridge.

#### NEW ISSUES OF SPECIALIST JOURNALS

*The Journals listed below are obtainable from the Publishing Manager, B.M.A. House, Tavistock Square, London W.C.1.*

##### JOURNAL OF CLINICAL PATHOLOGY

- Sarcoma of Breast, with Particular Reference to its Origin from Fibro-adenoma. R. C. Curran and O. G. Dodge.
- Pulmonary Cytomegalic Inclusion-body Disease in a Diabetic. Brian E. Heard, A. M. Hassan, and Stephanie M. Wilson.
- Pulmonary Nodular Granulomatosis Caused by Inhaled Vegetable Particles. L. Crome and J. C. Valentine.
- Histological Changes in the Thyroid in Cirrhosis of the Liver. A. Nicol and G. Sclare.
- Bilateral Renal Cortical Necrosis Associated with Calcification: Report of a Case and a Review of Aetiology. M. J. Phillips.
- Lymphocyte Glycogen Content in Various Diseases. R. Vaughan Jones, G. P. Goffi, and M. S. R. Hutt.
- Precipitin Reaction Between Serum and Lysed Erythrocytes. J. F. Wilson and Gillian Warren.
- Control of Blood Haemoglobin Determinations by a Simple Effective Method. Irwin Schoen and Morris Solomon.
- The Application of the Capillary-papain Technique to the Rapid Matching of Blood for Transfusion. B. E. Gilbey and Joan M. Lindars.
- An Experiment in the Prevention of Meningococcal Meningitis in Nigeria. R. L. Vollum and P. W. W. Griffiths.
- A Haemagglutination Test for Staphylococcal Anti-leucocidin. N. P. Markham.
- Lactate Dehydrogenase Activity in the Diagnosis of Malignant Effusions. J. E. Horrocks, J. King, A. P. B. Waind, and J. Ward.
- The Diagnostic Value of Faecal Trypsin Estimation in Chronic Pancreatic Disease. G. K. McGowan and M. R. Wills.
- Serum Sialic Acid Levels in Health and Disease. Ann Carter and N. H. Martin.
- Isolation of a Protective Gamma-globulin Fraction Interfering with the Zinc Sulphate Turbidity Test. B. Nagamma, B. Rama Rao, K. R. Venkaiah, and P. Lakshmana Rao.
- A Method for the Determination of Free  $^{131}\text{I}$  in Radio-Iodinated Lipids. A. G. Cox and Zena Hinchliffe.
- A Colorimetric Method for the Determination of Carboxyhaemoglobin Over a Wide Range of Concentrations. P. Trinder and F. E. Harper.
- Technical Methods:

  - The Use of Papain-EDTA for Rh Typing with "Incomplete" Antisera. B. P. L. Moore.
  - An Improved Plasma Recalibrated Clotting Test and its Modification as a Simple Rapid Heparin Retarded Clotting Test. R. D. Eastham.
  - A Modified Toxicogenic Test for *Corynebacterium diphtheriae*. S. Hayden-Smith and L. Schrire.

The Association of Clinical Pathologists: 67th General Meeting. Book Reviews.

Volume 15, No. 1. (Bi-monthly; £4 4s. annually.)

#### SOCIETIES AND LECTURES

A fee is charged or a ticket is required for attending lectures marked ●. Application should be made first to the institution concerned.

##### Monday, January 29

- LONDON UNIVERSITY.**—At Wright-Fleming Theatre, St. Mary's Hospital Medical School, London W.1, 5 p.m., special university lecture in human anatomy and morphology by Professor C. P. Leblond (McGill University): Sites of Protein Synthesis as Shown by Radiautography.
- MARLBOROUGH DAY HOSPITAL.**—8.15 p.m., Dr. D. W. Liddell: Some of the Problems Related to Geriatric Psychiatry.
- POSTGRADUATE MEDICAL SCHOOL OF LONDON.**—4 p.m., Dr. B. Ackner: Modern Drug Treatment of Mental Disorder.

##### Tuesday, January 30

- BRITISH POSTGRADUATE MEDICAL FEDERATION.**—At London School of Hygiene and Tropical Medicine, 5.30 p.m., Professor F. W. R. Brambell, F.R.S.: The Transmission of Immunity from Mother to Young.
- INSTITUTE OF DERMATOLOGY.**—5.30 p.m., Dr. Y. M. Clayton: Microsporum and Epidemophyton Infections.
- MANCHESTER MEDICAL SOCIETY.**—At Large Anatomy Theatre, Manchester University Medical School, 4 for 4.30 p.m., University Lecture on the History of Medicine by Professor R. A. McCance: Breads White and Brown. Their Place in Thought and Social History.
- ROYAL ARMY MEDICAL COLLEGE.**—5 p.m., Professor Robert Kark: Proteinuria.
- ROYAL COLLEGE OF SURGEONS OF ENGLAND.**—5 p.m., Arris and Gale Lecture by Mr. A. Naylor: The Biophysical and Biochemical Basis of Intervertebral Disk Herniation and Degeneration.
- ROYAL STATISTICAL SOCIETY: MEDICAL SECTION.**—At Manson Theatre, London School of Hygiene and Tropical Medicine, Keppel Street, London W.C.1, 5.15 p.m., address by chairman, Mr. M. P. Curwen: Hospital Statistics in the Nineteenth Century.
- ST. MARY'S HOSPITAL MEDICAL SCHOOL.**—At Wright-Fleming Institute Theatre, 5 p.m., Dr. Doreen Rothman: The Hazards of Irradiation in Pregnancy.

##### Wednesday, January 31

- BROOK GENERAL HOSPITAL.**—5.15 p.m., Dr. Jack Colover: C.S.F. Proteins in Relation to Neurological Disease.
- INSTITUTE OF DERMATOLOGY.**—5.30 p.m., Dr. P. D. Samman: The Pathogenesis of Acne Vulgaris.
- INSTITUTE OF DISEASES OF THE CHEST.**—5 p.m., Mr. O. S. Tubbs: Surgery in Pleural Disorders.
- INSTITUTE OF UROLOGY.**—4.30 for 5 p.m., Mr. D. I. Williams: Congenital Defects of the Genital Tract.
- POSTGRADUATE MEDICAL SCHOOL OF LONDON.**—2 p.m., Professor R. A. Willis: Tumours in Infancy and Childhood.
- ROYAL FREE HOSPITAL.**—5.15 p.m., Dr. Oscar D. Ratnoff (Cleveland): Diagnosis of Haemorrhagic Disease.

##### Thursday, February 1

- BRITISH POSTGRADUATE MEDICAL FEDERATION.**—At London School of Hygiene and Tropical Medicine, 5.30 p.m., Dr. D. A. Mitchison: The Epidemiology of Tubercle Bacilli.
- LIVERPOOL MEDICAL INSTITUTION.**—8 p.m., joint meeting with College of General Practitioners. Dr. C. H. Stewart-Hess and Dr. T. H. H. Green: Lessons Learned from 1,000 Deliveries in General Practice; Dr. T. S. Eimerl and Mr. A. S. Davidson: The Otitis Study—a Lesson in Co-operation.
- NUFFIELD ORTHOPAEDIC CENTRE.**—At Wingfield-Morris Orthopaedic Hospital, 8.30 p.m., Mr. D. F. Ellison Nash: Urological Management in Spinal Defects.
- ROYAL COLLEGE OF SURGEONS OF ENGLAND and INSTITUTE OF LARYNGOLOGY AND OTOLOGY.**—At Royal College of Surgeons of England, 5.30 p.m., Otolaryngology Lecture by Mr. Geoffrey H. Bateman: Hypophysectomy.
- ROYAL SOCIETY OF HEALTH.**—At Church House, Great Smith Street, Westminster, S.W.1, 2.30 p.m., Professor A. B. Sabin (University of Cincinnati): Oral Poliomyelitis Vaccine.
- ST. GEORGE'S HOSPITAL MEDICAL SCHOOL.**—5.15 p.m., Dr. Denis Williams: demonstration in neurology.

##### Friday, February 2

- CAMBRIDGE UNIVERSITY: SCHOOL OF CLINICAL RESEARCH AND POSTGRADUATE MEDICAL TEACHING.**—At Addenbrooke's Hospital, 4.15 for 4.30 p.m., clinicopathological conference.
- INSTITUTE OF DISEASES OF THE CHEST.**—5 p.m., clinical demonstration by Dr. F. H. Scadding.
- INSTITUTE OF LARYNGOLOGY AND OTOLOGY.**—3.30 p.m., Dr. D. A. Osborn: Disorders of Blood in E.N.T. Practice.
- POSTGRADUATE MEDICAL SCHOOL OF LONDON.**—(1) 10 a.m., Mr. Owen Daniel: Hormonal Treatment in Breast Cancer; (2) 4 p.m., Professor C. B. Perry: Diagnosis of Acute Rheumatism.
- WHIPPS CROSS HOSPITAL MEDICAL SOCIETY.**—8.30 p.m., Dr. Olive Roper: Difficult Children.

##### Saturday, February 3

- INSTITUTE OF LARYNGOLOGY AND OTOLOGY.**—12 noon, Professor H. K. Kristensen (Copenhagen): Temporal Bone Pathology.
- MIDLAND THORACIC SOCIETY.**—At 36 Harborne Road, Edgbaston, 3 p.m., Dr. D. Geraint James: Sarcoidosis.
- SHEFFIELD REGIONAL PSYCHIATRIC ASSOCIATION.**—At Mapperley Hospital, Nottingham, 11 a.m., Dr. C. J. Wardle: Social Functioning and the Diagnosis Schizophrenia; Professor Denis Hill: The E.E.G. in Acute Psychotic Episodes.

#### BIRTHS, MARRIAGES, AND DEATHS

##### BIRTHS

Greenberg.—On January 8, 1962, to Leila (formerly Gordon) and R. C. Greenberg, M.B., B.S., D.P.H., a sister for Russell and Roger—Julia Alexandra Marina.

##### DEATHS

Roberts.—On December 19, 1961, at Neath General Hospital, Neath, Glam, Robert Alun Roberts, M.B., Ch.B., D.M.R.E.

Wilson.—On January 1, 1962, at Fyfield Close, Abingdon, Berks, Humphrey Bowstead Wilson, O.B.E., M.B., B.Ch., D.A., late of London W.