

and the application of this knowledge of industrial poisons by the industrial hygienist." It is not a complete manual on industrial toxicology—it would be too voluminous and unreadable if it were—but there are a few important omissions. There is little mention of the industrial cancers, and therefore no reference to the carcinogenic properties of arsenic, nickel carbonyl, the tar products, and mineral oil. Nevertheless, the book may prove to be one of the most useful manuals of industrial toxicology yet written. It is concise and readable, with good references which are by no means confined to investigations carried out in the U.S.A.

The text is in two parts, on inorganic substances and on carbon compounds, with an excellent introductory chapter on toxicology. Each substance is discussed under the headings of characteristics, industrial uses, toxicity, and analysis. It is written primarily for industrial hygienists, that is to say that invaluable body of men who by their training may be physicists, chemists, or engineers, but who are responsible for assessing a hazard and eliminating it. It will be invaluable to industrial medical officers also. They may be the first to recognize a hazard or to be asked, particularly in Great Britain, about the toxic properties of materials in use or about to be used. It can be strongly recommended to the medical student and doctor.

R. S. F. SCHILLING.

FUNDAMENTALS OF ELECTROCARDIOGRAPHY

Electrocardiography. By Louis Wolff, M.D. (Pp. 187; illustrated. £1 2s. 6d.) Philadelphia and London: W. B. Saunders Company. 1950.

This book is unusual in that it does not attempt a complete survey of electrocardiographic abnormalities. Only those which affect the ventricular complex are considered, and no mention is made of the auricular arrhythmias. The reader is given a short but admirable account of dipoles, depolarization, repolarization, vectors, the mean electrical axis, and so on to the ventricular gradient and primary and secondary T-wave changes. A discussion follows, based on these principles, upon the reasons for the curves obtained with standard and unipolar precordial and limb leads in bundle branch block, ventricular hypertrophy, and cardiac infarction.

Since the book is founded on lectures, the presentation is dogmatic and little account is given of opposing views. This leads to difficulties, such as in the statement made on page 62 and illustrated on page 63, that in right ventricular hypertrophy a deep S wave in lead aVL signifies a horizontal position of the heart. Few cardiologists would agree with this, nor does it accord with the interpretation of Fig. 53 given on page 121, which follows the conventional view that this denotes a vertical position. The importance in horizontal hearts of the negative zone behind the impulse as it spreads through the wall of the left ventricle, stressed by Goldberger, is not mentioned.

The second part of the book contains cardiograms with short case histories illustrative of the different conditions under discussion. There is also included a well-balanced account of the use and limitations of cardiograms in the diagnosis of ventricular myocardial disease. The book can be recommended to all those who desire to become conversant with the principles on which modern cardiography is based.

CURTIS BAIN

BOOKS RECEIVED

Review is not precluded by notice here of books recently received

Biochemical Aspects of Genetics. Biochemical Society Symposia No. 4. Organized and edited by R. T. Williams. (Pp. 60. 6s.) Cambridge: University Press. 1950.

Schistosomiasis in South Central Africa. By M. Gelfand, M.D., M.R.C.P. (Pp. 239. 25s.) London: H. K. Lewis. 1950.

Modern Practice in Dermatology, 1950. Edited by G. B. Mitchell-Heggs, O.B.E., M.D., F.R.C.P. (Pp. 836. 63s., postage 1s. 6d.) London: Butterworth. 1950.

Quinidine in Disorders of the Heart. By H. Gold, M.D. (Pp. 115. 16s.) London: Cassell. 1950.

Ask the Children. By F. Thomson, M.B., I.M.S. (Pp. 288. 15s.) London: Cassell. 1950.

Directory of Convalescent Homes Serving the London Area, 1950. (Pp. 183. 7s. 6d.) London: King Edward's Hospital Fund. 1950.

Notes on Communicable Diseases of Laboratory Animals. By H. J. Parish, M.D. (Pp. 69. 3s.) Edinburgh: Livingstone. 1950.

Industrial Health. By R. Passmore, D.M., F.R.S.E., and C. N. Swanston, D.P.H., D.I.H. Foreword by F. A. E. Crew, F.R.S. (Pp. 110. 4s. 6d.) Edinburgh: Livingstone. 1950.

Freud or Jung. By E. Glover. (Pp. 207. 15s.) London: George Allen and Unwin. 1950.

Water and Salt Depletion. By H. L. Marriott, C.B.E., M.D., F.R.C.P. (Pp. 80. 15s.) Oxford: Blackwell Scientific Publications. 1950.

Cold Spring Harbor Symposia on Quantitative Biology. Amino Acids and Proteins. Vol. 14. (Pp. 217. \$7.00.) Cold Spring Harbor, L.I., New York: The Biological Laboratory. 1950.

The Nose. By T. H. Holmes, M.D., and others. Foreword by W. T. Longcope, M.D. (Pp. 154. 32s. 6d.) Oxford: Blackwell Scientific Publications.

Histology. By A. W. Ham, M.B. (Pp. 756. 80s.) Philadelphia, London, and Montreal: Lippincott. 1950.

Über die Behandlung der Angeborenen Hüftgelenksverrenkung. By G. Ihlenfeldt. (Pp. 66. M. 6.00.) München-Berlin: Urban and Schwarzenberg. 1950.

Les Radiesthésistes devant l'Opinion Publique. By G. Jacquemyns. (Pp. 55. No price.) Brussels: Institut Universitaire d'Information Sociale et Economique. 1950.

Klinik der Zahn-, Mund- und Kiefer-Krankheiten. By H. Wolf. (Pp. 222. M. 16.00.) München-Berlin: Urban and Schwarzenberg. 1950.

Human Fertility and Problems of the Male. By E. J. Farris, Ph.D. (Pp. 211. No price.) New York: The Author's Press. 1950.

La Dermatologie aux Etats-Unis d'Amérique. By L. van Lierde. Preface by C. Simon. (Pp. 72. 50 Belgian francs.) Brussels: Acta Medica Belgica. 1950.

Die Chirurgie der Schilddrüse. By W. Gattig. (Pp. 96. M. 5.50.) Halle (Saale): Carl Marhold. 1950.

La Schermografia di Massa nella Diagnosi Precoce delle Malattie Sociali. By S. Collari. (Pp. 206. No price.) Rome: Istituto di Medicina Sociale. 1950.

Le Guide Thérapeutique du Médecin Praticien. By J. Trabaud. Vol. 9. *Les Maladies des Yeux, des Oreilles et de la Peau.* Preface by Tanon. 2nd ed. (Pp. 375. No price.) Paris: Vigot. 1950.

Lehrbuch der Anatomie des Menschen. By A. Benninghoff. 3rd ed. Vol. 3. (Pp. 415. M. 30.00.) Berlin-München: Urban and Schwarzenberg. 1950.

raconteur he was in great demand. His intimate knowledge and understanding of his fellow men could be expressed with equal fluency in the Lancashire dialect, broad Scots, Welsh, or even Irish. Both as a man and as an outstanding medical officer of health he will be mourned, and to his widow and four children the sympathy of his friends and colleagues will be extended. His elder daughter is due to qualify soon at Edinburgh, while his elder son is in his second year at Cambridge.—J. Y., V. T. T., H. M.

Dr. MORRIS BENJAMIN BRODY, who died some months ago in Sheffield at the age of 37, was outstanding as a clinician and as a scholar. A native of Sheffield, he graduated M.B., B.Ch. with honours at Sheffield University at the age of 21, proceeding M.D. in 1941. He took the D.P.M. in 1937. After holding a number of house appointments he joined the staff of Runwell Hospital, where he worked for nine years. During this period he established himself not only as an excellent psychiatrist of unusual versatility but also as a research worker of great promise. His important studies on mental testing in the dementias and major psychoses are well known to psychiatrists and psychologists. He also made valuable contributions to the testing of patients after leucotomy and to the problem of social psychotherapy. From 1946 he was working at Graylingwell Hospital, Chichester, first as a senior psychiatrist and deputy superintendent and lately as director of research. His tireless energy, his great knowledge, his therapeutic optimism, and his enthusiasm as a teacher contributed greatly to the reputation of the hospital. Although still young as a specialist, he was elected a member of the council of the Psychiatric Section of the Royal Society of Medicine. He was also honorary secretary of the Clinical Psychiatry Subcommittee of the Royal Medico-Psychological Association. Dr. Brody was regarded as one of the most gifted among the younger British psychiatrists. Personally he was of youthful charm, always cheerful and witty, and often profound. His tragic death from malignant disease will be mourned by everybody who had the privilege of knowing him. He is survived by his widow and two sons.—E. S.

Dr. WILLIAM FREEMAN SNOW, who was chairman of the board of directors of the American Social Hygiene Association and president of the Union Contre le Pêril Vénérienne, died on June 12.

Medico-Legal

SULPHATHIAZOLE PATENT REVOKED

[FROM OUR MEDICO-LEGAL CORRESPONDENT]

In 1937 the manufacturing firms Messrs. May and Baker, Limited, and Ciba, Limited, discovered how to make sulphathiazole and sulphamethylthiazole by incorporating certain groups in the sulphanilamide molecule. They were jointly granted letters patent for these inventions. In September, 1946, Boots Pure Drug Company, Limited, presented a petition for revocation of the patent on the grounds that it was unduly wide. This petition was granted in January, 1948, by Mr. Justice Jenkins, who found that, although the drugs were useful and their production was a patentable invention, the claims of the specification included all sulphathiazoles whether or not an additional atom or group was joined to the sulphanilamide or thiazole portion of the molecule. This was an extremely large class and the claim would have covered many millions of products. He also refused a motion by the patentees to be allowed to amend their specification so as to claim only the manufacture of the two substances to which it specifically referred.

They then appealed to the Court of Appeal, which held that the specification as amended would claim an invention substantially different from that claimed originally, and there-

fore dismissed the appeal. Subsequently the House of Lords, by a majority decision, arrived at the same conclusion.¹

Lord Simonds said, in his opinion, that in the original specification there was no hint that the exemplary drugs sulphathiazole and sulphamethylthiazole were essentially distinguishable from any other members of the vast group within which they fell, or that they had some peculiar characteristic which gave them a therapeutic value. No one could fairly read the specification without concluding that their therapeutic value was derived from a generic quality. They illustrated the invention just because they had that quality. No separate claim was made for the manufacture of those two specific drugs, or for the drugs themselves, or either of them. The appellants had maintained that they could not be claiming a substantially different invention, because they were limiting the claims of their specification to the only form of the invention specifically described and claimed in general terms in the unamended specification. His Lordship thought, however, that it was begging the question to say that, in every case in which the patentee had stated the nature of his invention in wide and general terms and then given an illustration of it, he could shift his ground and claim that his invention was not the general but the particular. He could do so only if they were the same invention. The proposed amendment would make the invention claimed substantially different from that claimed before amendment and was therefore not permissible under the Act. He therefore dismissed the appeal, and Lord Normand and Lord MacDermott agreed.

Lord Morton, however, thought that the proposed amendment was by way of a disclaimer and hence admissible under the Patents and Designs Acts. The two drugs were the preferred embodiment of the invention described in the specification, and the patentees were claiming in the amendment something which was not a substantially different invention but part of the wide invention originally claimed.

Lord Reid also thought that the proposed amendment was competent. The majority judgment, however, deprived Messrs. May and Baker, Limited, and Messrs. Ciba, Limited, finally of their patent* on these drugs.

Universities and Colleges

UNIVERSITY OF CAMBRIDGE

In Congregation on May 27 the honorary degree of M.A. was conferred on Wilfrid Paton Philip, M.B., Ch.B., D.P.H., D.M.R.E.

The following medical degrees were conferred on May 27:

M.D.—R. N. R. Grant, Vivien U. Lutwyche.

M.CHIR.—*H. E. Lockhart-Mummery.

M.B., B.CHIR.—Mrs. Margaret M. Bates.

*By proxy.

Dr. H. M. Evans, Director of the Institute of Experimental Biology in the University of California, will deliver a lecture on "Hormones and the Anterior Pituitary Gland" in the theatre of the Biochemical Laboratory on Monday, September 4, at 3 p.m. The lecture is open without fee to all members of the University.

UNIVERSITY OF EDINBURGH

David Whitteridge, D.M., has been appointed Professor of Physiology in the University of Edinburgh in succession to the late Professor W. H. Newton. Professor Whitteridge, who is aged 38, graduated with the Oxford degree in 1937 after doing his clinical training at King's College Hospital, London, and proceeded D.M. in 1946. He was appointed demonstrator in physiology at Oxford in 1938, and was awarded a Beit Memorial Research Fellowship in 1940; he was also appointed a Schorstein Research Fellow. He has worked mainly on the physiology of the nervous system, and is senior secretary of the Physiological Society.

UNIVERSITY OF LONDON

The following candidates have been approved at the examination indicated:

THIRD M.B., B.S.—¹F. L. Ashworth, ¹H. M. Baird, ¹M. O. J. Bewers, ¹W. J. D. Bradfield, ¹Gladys V. Bradshaw, ¹A. E. R. Buckle, ¹Mary G. Eldridge, ¹M. Garretts, ¹246 M. P. W. Godfrey (*University Medal*), ¹E. M. Jepson, ¹W. E. Miall,

¹ *The Times*, February 10, 1950.

¹Margot L. S. Norton, ¹J. H. Owen, ¹R. A. Parkins, ¹J. B. Parsons, ¹J. E. H. Pendower, ¹Theresa Posner, ¹A. E. A. Read, ¹A. F. Wallace, H. R. Alderton, Anne M. Allen, M. J. Allwood, D. W. Annis, J. H. Apted, R. Armatage, J. H. Armstrong, Doreen R. Austin, Margaret A. Austin, Pamela M. Bacon, Sybille Baer, H. Barkley, H. Barrie, Mary Bateman, G. R. Benett, P. F. Benson, J. A. Bloomfield, Joyce O. M. Board, Marie J. Bouton, Christine A. Bratt, B. I. Brest, W. Brooks, F. J. Brunton, A. C. Bryan, J. B. G. Burke, J. I. Burn, T. V. Campkin, L. H. Capel, N. S. Capstick, D. M. Carnegie, J. C. B. E. Carreras, J. T. Cecil, D. G. Chalmers, G. E. Chorley, J. A. Churcher, J. H. Comty, M. B. Conran, E. H. Cooper, June P. Cooper, J. T. Cope, M. P. Coplans, J. G. Corson, Margaret E. Cowan, R. E. Cowling, J. S. Cox, A. A. Craigen, R. Q. Crellin, R. J. Cremer, Maureen N. Currie, Eluned B. Davies, E. R. Davies, R. G. Davies, R. A. L. Davis, K. R. J. de Belder, L. R. De Jode, F. L. A. de Marneffe, L. R. Dennis, G. K. M. Drown, R. V. Dugdale, P. G. J. Duncan, H. Duschinsky, D. N. Edwards, F. G. Ellis, G. J. Evans, F. H. Evason, J. R. Eve, M. B. Fell, Margaret D. Findlay, M. H. Flint, A. T. T. Forrester, Jean E. François, A. F. Franks, E. H. Franks, J. Fraser, A. E. Fyfe, I. T. Gabe, Frances F. Gibbs, Jean Gillbard, W. V. Graham, A. H. Gray, P. C. W. Greaves, N. A. Green, R. C. Greenberg, Katherine Grice, H. E. D. Griffiths, D. J. Grimsdell, Jean E. Griswood, J. S. Hales, H. FitzA. Hamilton, R. R. M. Harman, Ruth F. Harris, T. S. Hart, P. M. Healy, K. R. Heber, B. J. Helyer, K. M. Hewitt, B. M. Hibbard, K. Higgins, Frances M. Hill, L. Hinton, W. G. Holland, G. W. Howard, J. B. Ll. Howell, D. C. Hughes, J. W. Hughes, S. Hulme, J. A. Hunt, D. G. Hurter, J. P. Jackson, A. Ll. Jeanes, H. G. Jeffs, A. V. Jenkins, I. G. Johnston, D. M. Jones, Eleanor M. Jones, E. Ll. Jones, M. A. Kalina, M. Kaye, Patricia M. Keefe, G. Keen, P. W. L. Kelly, C. H. Kendall, N. B. Kreitman, S. T. Langham, F. W. Lapage, G. A. Lawrence, J. Lawson-Matthew, P. J. Lawther, Stephanie M. Leese, Gweneth M. Leigh, J. C. Leonard, A. P. R. Lewis, E. C. Lewis, T. D. Lewis, W. R. Little, Eunice Lockey, R. L. Luffingham, M. A. Macan-Markar, D. O. N. McIntyre, T. A. Marmion, M. K. Mason, Pamela G. L. W. Mason, R. J. P. Melvin, Sheila C. S. Meux, R. C. Michell, G. G. M. Miles, J. B. Millard, R. E. Molloy, Patricia A. Monk, G. J. M. Moore, D. J. Ll. Murphy, T. O. na Oruwariye, Eileen M. Newton, D. S. Noble, L. I. Norman, Patricia L. Obee, R. H. Oldfield, T. M. Owen, J. B. Parton, J. A. Payne, D. J. Pearce, L. H. Pell, F. J. C. Perera, L. E. Perkins, Anne M. Phillips, G. F. M. Pierce, Isabel M. Pine, F. R. M. M. Prat, J. L. Price, C. O. M. Priday, Suzanne L. Quttner, A. M. Reader, J. H. Rees, B. G. Reynolds, D. McL. Riddell, A. W. Roberts, F. L. Roberts, Margaret G. Roberts, E. Roderic-Evans, Thea G. T. Rose, M. Rosenfeld, N. G. Rothnie, T. I. Rowland, D. Rowley, D. J. Rudman, Stella Salt, Elizabeth B. Samson, Barbara E. Schooling, Diana M. Scott, I. A. W. Scott, K. C. Searle, A. B. Seth-Smith, R. N. Sidebotham, P. H. Simmons, P. A. Skinner, A. L. Slater, H. C. Smellie, B. O. Smith, D. S. M. Smith, Margaret F. Smith, R. V. Smith, Mary Sopitt, P. R. Sowerby, P. B. Sparke, N. E. Stebbings, Janet M. Stokes, G. J. Stopps, J. D. Studdy, D. E. Sturdy, J. C. Sumption, G. P. Tannen, Susanne M. Tauber, A. R. Taylor, Felicia D. Thomas, Gwendolen M. G. Thomas, M. G. Thompson, Eleanor M. R. Till, M. G. S. Vercoe, A. J. Wainwright, J. C. N. Wakeley, Cecilia M. Ward, P. Ward, P. F. M. Warlow, P. K. G. Warren, Paula M. Watkin, Mary D. Watkins, R. W. W. Watson, W. H. Watson, Sheila M. Watts, Josephine P. Werren, A. E. Wheatley, Margaret White, A. Wiener, H. N. S. Wilkinson, Evelyn M. Williams, T. C. P. Williams, V. A. Wills, M. R. Witney, J. C. Woolf, D. E. Wright, D. A. Wright, I. W. M. Wright, R. Zakon.

¹With honours. ²Distinguished in pathology. ³Distinguished in hygiene and forensic medicine. ⁴Distinguished in medicine. ⁵Distinguished in applied pharmacology and therapeutics. ⁶Distinguished in surgery. ⁷Distinguished in obstetrics and gynaecology.

The governing body of the British Postgraduate Medical Federation has awarded postgraduate travelling fellowships for 1950-1, tenable for one year, to G. L. W. Bonney, M.S., F.R.C.S., of the Institute of Orthopaedics (orthopaedic surgery, Manchester and Scandinavia); P. J. Hare, M.B., M.R.C.P., of University College Hospital (dermatology, France and Switzerland); H. O. Jones, M.S., F.R.C.S., of King's College Hospital (thoracic surgery, Leeds and Scandinavia); J. S. Pegum, M.B., M.R.C.P., of Guy's Hospital (dermatology, France and Switzerland); and D. J. Robertson, F.R.C.S., of St. Bartholomew's Hospital (vascular surgery, Edinburgh and Scandinavia).

UNIVERSITY OF WALES

The following candidates at the Welsh National School of Medicine have satisfied the examiners at the examination indicated:

TUBERCULOUS DISEASES DIPLOMA.—L. B. Banerjee, S. K. Gangopadhyay (with distinction), K. A. Goh, Y. R. Joshi, C. Y. Lien, R. N. Mukerjee, P. K. Murphy, J. K. Nag, M. L. Rahman, V. S. Rao, Gwenith E. Sibthorpe.

UNIVERSITY OF BIRMINGHAM

On May 4 and 5 the University of Birmingham celebrated the fiftieth anniversary of the granting of its charter on March 24, 1900. The celebrations included a dinner on May 4 and a degree Congregation, a luncheon, and a reception on May 5. At the Congregation on May 5 Princess Alice, Countess of Athlone, who proposed the toast of the University at the dinner on May 4, was the recipient of the honorary degree of LL.D., and Francis Brett Young, M.B., Ch.B., received the honorary degree of D.Litt. Mr. Anthony Eden, P.C., Chancellor of the University, proposed the toast of the honorary graduates at the luncheon held by invitation of the Guild of Graduates on May 5, and the American Ambassador, Mr. Lewis Douglas, who received the honorary degree of LL.D., proposed the toast of the Guild. At the reception on May 5 the guests were received by the Chancellor and the Pro-Chancellor.

UNIVERSITY OF LIVERPOOL

The following candidates have been approved at the examination indicated:

DIPLOMA IN TROPICAL MEDICINE AND HYGIENE.—B. O. Barry, T. Briceno-Maaz, L. H. Chandler, C.-S. Chou, E. W. R. Fairley, D. E. Freeman, J. B. Henderson, L. H. Holroyd (recommended for the Milne Medal in Tropical Medicine), A. W. Iljoq, C.-L. Lee, T. P. Niyogi, A. B. Raper (recommended for the Warrington Yorke Medal in Tropical Hygiene), D. K. Sen, K. C. Trivedi, A. F. Tuboku-Metzger, C. E. M. Wenyon.

ROYAL COLLEGE OF SURGEONS OF ENGLAND

At a meeting of the Council of the College held on June 8 the following hospitals were recognized under paragraph 23 of the Fellowship regulations: King Edward Memorial Hospital, Ealing, house-surgeon to senior surgeon, gynaecologist and deputy resident surgical officer (for six months), senior officer to orthopaedic department (for six months), house-surgeon to a general surgeon and the oto-laryngologist (for six months) (to be recognized for general surgery only); Pembury District Hospital, Tunbridge Wells, first and second house-surgeons (for 12 months), orthopaedic registrar and orthopaedic house-surgeon (each for six months).

The following were co-opted to the Council for the year 1950-1 representing various branches of practice: *General Practice*, Dr. H. Guy Dain; *Gynaecology and Obstetrics*, Professor A. M. Claye; *Oto-Laryngology*, Mr. V. E. Negus; *Anaesthetics*, Mr. A. D. Marston; *Ophthalmology*, Mr. J. H. Doggart; *Dental Surgery*, Professor R. V. Bradlaw; *Radiology*, Professor B. W. Windeyer.

The title of the Hunterian Lecture to be given at the College (Lincoln's Inn Fields, London, W.C.) on Tuesday, June 27, at 5 p.m., by Dr. Arthur W. Allen has been changed to "Current Trends in the Surgical Management of Lesions of the Colon."

ROYAL COLLEGE OF PHYSICIANS OF IRELAND

The following Members were admitted to the Fellowship of the College on June 2: M. L. Abrahamson, R. G. Cross, F. F. Kane, S. Sevvit.

On the same date the following were admitted to the Membership: D. V. Doshi, A. A. McG. McConnell, R. V. Rele, C. M. Sheridan.

The Services

Major-General J. M. Macfie, C.B.E., M.C., late R.A.M.C., has been appointed Honorary Surgeon to the King, in succession to Major-General R. W. Galloway, C.B., C.B.E., D.S.O., late R.A.M.C., retired.

Brigadier R. D. Cameron, C.B.E., M.C., late R.A.M.C., has been appointed a Director of Medical Services, and has been granted the temporary rank of Major-General.

The board of management for the Greenock and District Hospitals is to erect a new block of 64 beds at Larkfield Hospital, Greenock, for general medical patients. The design will be based on the work of a team sponsored by the Nuffield Provincial Hospitals Trust, which is at present carrying out research into the function and design of hospitals. It is hoped that the work of construction will begin in the spring of next year.

SOCIETIES AND LECTURES

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

Monday

EDINBURGH UNIVERSITY.—At Physiology Lecture Theatre, University New Buildings, Teviot Place, June 19, 5 p.m., "*The Medical Man in Literature*," by Dr. Douglas Guthrie.

INSTITUTE OF OPHTHALMOLOGY, Judd Street, London, W.C.—June 19, 5.30 p.m., "*The Anatomy of the Lacrimal Apparatus*," by Dr. F. Stansfield.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, Lincoln's Inn Fields, London, W.C.—June 19, 5 p.m., "*The Natural History of Surgical Infection*," Moynihan Lecture by Professor F. M. Burnet, F.R.S.

UNIVERSITY COLLEGE (Physiology Theatre), Gower Street, London, W.C.—June 19, 4.45 p.m., "*Genetics and Biochemistry*," by Professor J. B. S. Haldane, F.R.S.

Tuesday

CHADWICK PUBLIC LECTURE.—At Royal Sanitary Institute, 90, Buckingham Palace Road, London, S.W., June 20, 2.30 p.m., "*The Engineer in Public Health*," by Professor G. M. Fair (Harvard University).

EDINBURGH POSTGRADUATE BOARD FOR MEDICINE.—At Anatomy Lecture Theatre, University New Buildings, Edinburgh, June 20, 5 p.m., "*The Parietal Lobe*," by Dr. Macdonald Critchley.

INSTITUTE OF DERMATOLOGY, Lisle Street, Leicester Square, London, W.C.—June 20, 5 p.m., "*Varicose Conditions of the Lower Limb*," by Mr. A. K. Monro.

INSTITUTE OF LARYNGOLOGY AND OTOTOLOGY, 330, Gray's Inn Road, London, W.C.—June 20, 4.30 p.m., "*Stenosis of the Larynx*," by Mr. V. E. Negus.

KENT PAEDIATRIC SOCIETY.—At Broomhill Bank School for Sub-normal Children, Rushall, Tunbridge Wells, Kent, June 20, 2 p.m., meeting.

ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pall Mall East, London, S.W.—June 20, 5 p.m., "*Degeneration, Necrosis, and Fibrosis in the Liver*," Humphry Davy Rolleston Lecture by Professor J. H. Dible.

Wednesday

BRITISH INSTITUTE OF RADIOLOGY, 32, Welbeck Street, London, W.—June 21, 8 p.m., ordinary meeting. "*Clinical Problems in Small Intestinal Physiology*," Twenty-seventh Mackenzie Davidson Memorial Lecture by Dr. Ross Golden (New York, U.S.A.).

INSTITUTE OF OPHTHALMOLOGY, Judd Street, London, W.C.—June 21, 5.30 p.m., "*The Interpretation of the Spectral Sensitivity Curve*," by Dr. L. C. Thomson.

ROYAL EYE HOSPITAL, St. George's Circus, London, S.E.—June 21, 5 p.m., "*Ptoxis*," by Mr. L. H. Savin.

Thursday

EDINBURGH UNIVERSITY.—At Physiology Lecture Theatre, University New Buildings, Teviot Place, June 22, 5 p.m., "*Social Medicine in the Nineteenth Century*," by Professor R. Shryock (Baltimore, U.S.A.).

INSTITUTE OF NEUROLOGY: NATIONAL HOSPITAL, Queen Square, London, W.C.—June 22, 5 p.m., "*Meningeal and Radicular Metastases from Cerebral Tumour, especially Pinealomata*," by Professor Th. Alajouanine (Paris).

MEDICO-LEGAL SOCIETY.—At 26, Portland Place, London, W., June 22, 8.15 p.m., "*Developments in the Law of Divorce and Nullity of Marriage*," by Mr. William Latey, K.C.

ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pall Mall East, London, S.W.—June 22, 5 p.m., "*Degeneration, Necrosis, and Fibrosis in the Liver*," Humphry Davy Rolleston Lecture by Professor J. H. Dible.

ROYAL COLLEGE OF SURGEONS OF ENGLAND, Lincoln's Inn Fields, London, W.C.—June 22, 5 p.m., "*Dry Bones*," Erasmus Wilson Demonstration by Mr. P. H. Mitchiner.

ROYAL EYE HOSPITAL, St. George's Circus, London, S.E.—June 22, 5.30 p.m., "*Retrolental Fibroplasia*," by Mr. R. P. Crick.

ROYAL SOCIETY, Burlington House, Piccadilly, London, W.—June 22, 8.30 p.m., *Conversazione*.

ST. GEORGE'S HOSPITAL MEDICAL SCHOOL, Hyde Park Corner, London, S.W.—June 22, 4.30 p.m., "*Neurology*," lecture-demonstration by Dr. A. Feiling.

ST. JOHN'S HOSPITAL DERMATOLOGICAL SOCIETY.—At Royal Society of Medicine, 1, Wimpole Street, London, W., June 22, 4.30 p.m., "*Cute et carne me induisti*," Prosser White Annual Oration by Professor H. A. Harris.

Friday

INSTITUTE OF OPHTHALMOLOGY, Judd Street, London, W.C.—June 23, 5.30 p.m., "*Causes of Blindness*," by Dr. J. Marshall.

MAIDA VALE HOSPITAL FOR NERVOUS DISEASES MEDICAL SCHOOL, Maida Vale, London, W.—June 23, 5 p.m., clinical neurological demonstration by Dr. P. H. Sandifer.

APPOINTMENTS

BROWN, ARTHUR E., M.B., B.S., D.P.H., Medical Officer of Health, Diss and Wymondham Urban District Councils, Depwade and Loddon Rural District Councils, and Assistant County Medical Officer, Norfolk.

COHEN, E. LIPMAN, M.B., B.CHIR., Dermatologist (Consultant), St. Margaret's Hospital, Epping, Essex.

COLEMAN, J. S., M.B., B.S., D.P.H., Medical Officer of Health, County Borough of East Ham.

CROSS, COCHRAN, M.B., Ch.B., D.P.H., Medical Officer of Health for the County of Orkney and Group Hospitals Officer, the Orkney Hospitals.

DURAND, R. W., M.R.C.S., L.R.C.P., Superintendent-in-Chief, Wellington Hospitals Board, Wellington, New Zealand.

HARTSTON, WILLIAM, M.D., M.R.C.P., D.T.M., D.P.H., Senior Medical Officer, London County Council.

KING'S COLLEGE HOSPITAL, Denmark Hill, London, S.E.—Assistant Physician to Children's Department, Mary J. Wilmers, M.D., M.R.C.P. (Dr. Wilmers was appointed Assistant Physician to the Children's Department in June, 1948, and not First Assistant as stated in this column in the Journal of May 13 (p. 1154).)

LIVERPOOL REGIONAL HOSPITAL BOARD.—Consultant Psychiatrist (whole-time) to Rainhill Hospital, W. A. M. Robinson, M.B., Ch.B., D.P.M.; Consultant Radiotherapist (whole-time) to Liverpool Radium Institute, W. J. L. Francis, Ch.M., F.R.C.S., M.Rad., D.M.R.T.; Consultant Radiologist to hospitals in Wirral, G. D. Scarrow, M.B., Ch.B., M.Rad., D.M.R.D.; Consultant Veneurologist (whole-time) for duties in Liverpool and clinics in Warrington and St. Helens, D. Goldstein, M.D.; Assistant Senior Medical Officer, R. Glyn Thomas, M.B., Ch.B., D.P.H.

MINNS, WILSON, M.B.E., T.D., M.B., B.S., D.P.H., B.Hy., Deputy County Medical Officer, Northumberland County Council.

PRICE, PIERS B. W., M.B., Anaesthetic Registrar, Royal Infirmary, Worcester.

ROBERTSON, DONALD NORMAN STRUAN, M.B., Ch.B., M.R.C.O.G., Consultant Obstetrician and Gynaecologist, Aylesbury and High Wycombe Region.

ROUGHHEAD, JOHN A., M.D., D.P.H., Medical Officer of Health for Ayr County.

ST. ANDREW'S HOSPITAL, Devons Road, London, E.—Senior Registrar Anaesthetist, W. A. Groom, L.M.S.S.A., D.A. Obstetric and Gynaecological Registrar, Monica M. A. Murphy, M.B., Ch.B., D.Obst.R.C.O.G.

BIRTHS, MARRIAGES, AND DEATHS

BIRTHS

Brennan.—On May 19, 1950, at Queen Charlotte's Maternity Hospital, London, W., to Betty, wife of Squadron Leader T. N. N. Brennan, a daughter.

Hopkins.—On May 30, 1950, at Foresterhill, Aberdeen, to Betty, wife of Ian B. Hopkins, M.B., Ch.B., Riversfield, Ellon, Aberdeenshire, a son.

Hughes.—On June 8, 1950, at Bristol Maternity Hospital, to June (formerly Kingan), wife of Dr. E. Brierley Hughes, a daughter.

Scriven.—On June 6, 1950, at Gally Hill Nursing Home, Church Crookham, Hants, to Dr. Jeanne Scriven (formerly Edwards), wife of Dr. W. H. Scriven, M.B.E., F.F.A. R.C.S., a daughter.

Short.—On May 23, 1950, at Chuanchow, Fukien, China, to Dr. Jean H. Short (formerly Merry), wife of Mr. Douglas W. Short, F.R.C.S.Ed., twin daughters.

Slovick.—On June 4, 1950, at King's College Hospital, Denmark Hill, London, S.E., to Pamela, wife of Dr. David Slovick, a daughter.

DEATHS

Galloway.—On June 5, 1950, Robert Menzies Galloway, M.D., D.P.H., Medical Officer of Health, Bolton, of 10, Stapleton Avenue, Bolton, husband of Margaret Galloway, M.B., Ch.B.

Gibbons.—On June 4, 1950, at Lee-on-Solent, James Barry Gibbons, L.R.C.P.&S.I., Lieutenant-Colonel, I.M.S., retired, aged 91.

Gilchrist.—On June 4, 1950, at Vachery, Shere, Surrey, John Gilchrist, M.D., late of 2, Somerset Place, Glasgow.

Logie.—On June 5, 1950, at Lower Warwick House, St. Mary Bourne, Andover, Hants, Henry Burton Logie, M.D., aged 67.

Lyons.—On June 1, 1950, at The Manor House, Greetwell Road, Lincoln, James Lyons, M.D., F.R.C.S.Ed.

McKendrick.—On June 5, 1950, the result of a climbing accident, John Wellesley McKendrick, M.B., Ch.B.

Mackenzie.—On June 3, 1950, at Higher Stratton, Chalfont St. Giles, Bucks, Donald Francis Mackenzie, D.S.O., M.B., Ch.B., Colonel, late R.A.M.C., retired.

Macleod.—On May 13, 1950, at Hetton-le-Hole, Co. Durham, Roderick Macleod, M.B., Ch.B., D.P.H.

Meaden.—On May 26, 1950, at the Presbytery, Thetford, Charles Anderson Meaden, M.R.C.S., L.R.C.P.

Michael.—On June 2, 1950, at Manor Lodge, Manor Park Gardens, Edgware, Middlesex, George Coleman Michael, M.R.C.S., L.R.C.P., aged 58.

Newlands.—On June 2, 1950, at 25, Beechgrove Avenue, Aberdeen, Bethia Muir Newlands, M.B., Ch.B., D.P.H.

Parrett.—On May 27, 1950, at 49, King Street, Thorne, near Doncaster, Edward Erratt Parrett, M.R.C.S., L.R.C.P., aged 77.

Paxton.—On June 4, 1950, at Folkestone, William Thompson Witherspoon Paxton, M.D., of 16, Clifton Gardens, Folkestone.

Phillips.—On June 9, 1950, at 696, Pinner Road, Pinner, Middlesex, Albert Edward Phillips, M.B., B.Ch., Surgeon Commander, R.N., retired, formerly of 4, Crofton Terrace, Dun Laoghaire, Co. Dublin.

Porter.—On June 4, 1950, at Faversham, Kent, Herdman Porter, M.B., Ch.B., aged 74.

Porter.—On June 4, 1950, at St. Annes, Jchidy Terrace, Falmouth, Frederick Joseph William Porter, D.S.O., M.R.C.S., L.R.C.P., Major, R.A.M.C., retired, aged 84.

Potts.—On May 25, 1950, at 13, Euston Road, Great Yarmouth, Horace Potts, M.R.C.S., L.R.C.P., aged 79.

Slater.—On June 3, 1950, at St. Bartholomew's Hospital, Alan Butler Slater, M.D., of 87, Chiltern Court, London, N.W., aged 75.

Tatton.—On May 29, 1950, at 5, Napier Road, Edinburgh, Glyde Philip Tatton, M.B., B.S.

Wall.—Recently, Hugh Alton Chandos Wall, M.B., of Coraki, N.S.W., Australia.

Wigg.—On April 22, 1950, at Aldgate, South Australia, Henry Higham Wigg, M.D., F.R.C.S.Ed., aged 92.

Wilson.—On June 7, 1950, at The Chase, 21, Eastcote Road, Ruislip, Middlesex, Wilfrid Max Wilson, M.R.C.S., L.R.C.P., aged 53.

Woolcombe.—On June 9, 1950, at Okehampton, Devon, Alfred Woolcombe, M.R.C.S., L.R.C.P., D.P.H., Surgeon Captain, R.N., retired.