

clinical aspects are considered, though not in such detail, and geographical distribution, diagnosis, and treatment are also reviewed. The opinion is sometimes expressed that schistosomiasis is not a serious cause of morbidity. This monograph should remind us that, though the disease often remains latent for many years, there is commonly a serious end-result.

A. W. WOODRUFF.

## BOOKS RECEIVED

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

*Précis de Dermatologie.* By B. Duperrat. (Pp. 1,106; illustrated. 19,200 fr.) Paris: Masson et Cie. 1959.

*Methods for the Determination of Toxic Substances in Air.* Prepared for publication by J. C. Gage, N. Strafford, and R. Truhaut. Applied Chemistry Section, Toxicology and Industrial Hygiene Division, International Union of Pure and Applied Chemistry. (30s.) London: Butterworths Scientific Publications. 1959.

*Physics and Electronics in Physical Medicine.* By A. Nightingale, M.A., Ph.D., F.Inst.P. (Pp. 292+x; illustrated. 30s.) London: G. Bell and Sons, Ltd. 1959.

*Aldosterone in Clinical and Experimental Medicine.* By E. J. Ross, M.D., Ph.D., M.R.C.P. (Pp. 144+viii. 22s. 6d.) Oxford: Blackwell Scientific Publications. 1959.

*Respiratory Physiology and Its Clinical Application.* By John H. Knowles, M.D. (Pp. 256+ix. 42s.) Cambridge, Mass.: Harvard University Press. London: Oxford University Press. 1959.

*Textbook of Toxicology.* By Kenneth P. DuBois, M.Sc., Ph.D., and E. M. K. Geiling, Ph.D., M.D. (Pp. 302+x. 52s.) New York, London: Oxford University Press. 1959.

*La Sexualité des Bactéries.* By E. L. Wollman and F. Jacob. (Pp. 248; illustrated. 3,000 fr.) Paris: Masson et Cie. 1959.

*Lectures on the Interpretation of Pain in Orthopedic Practice.* By Arthur Steindler, M.D., Hon.F.R.C.S.(Eng.), Hon.F.R.S.M.(Eng.), F.A.C.S., Hon.F.I.C.S. Anatomical Dissections by Dr. Rodolfo Cosentino. (Pp. 733+xvii; illustrated. £7 8s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1959.

*Medical Discoveries: Who and When.* By J. E. Schmidt, Ph.B.S., M.D., Litt.D. (Pp. 555+ix. £5 18s.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1959.

*Las Proteínas y los Electrolitos Sanguíneos en la Alergia Respiratoria.* By Dr. Jorge Raul Vaccarezza. (Pp. 61.) Buenos Aires: Lopez and Etchegoyen, S.R.L. 1959.

*The Biological, Sociological, and Psychological Aspects of Aging.* By Kurt Wolff, M.D. (Pp. 95. 27s. 6d.) Springfield, Illinois: Charles C. Thomas. Oxford: Blackwell Scientific Publications. 1959.

*Detoxication Mechanisms. The Metabolism and Detoxication of Drugs, Toxic Substances and Other Organic Compounds.* By R. Tecwyn Williams, Ph.D.(Wales), D.Sc.(Birmingham). Second edition. (Pp. 796+x. £6 6s.) London: Chapman and Hall, Ltd. 1959.

*Aphasie-Therapie.* By Dr. Miklós Vargha and Dr. György Geréb. (Pp. 38+v; illustrated. DM. 6.85.) Jena: Gustav Fischer Verlag. 1959.

*Individualtherapie und Prophylaxe der Hysterischen, Anankastischen und Sensoryhypochondrischen Neurosen.* By Professor Dr. Karl Leonhard. (Pp. 69+vii. DM. 6.35.) Jena: Gustav Fischer Verlag. 1959.

*J.-M. Charcot: 1825-1893—His Life—His Work.* By Georges Guillain, M.D. Edited and translated by Pearce Bailey, Ph.D., M.D. (Pp. 202+xvi; illustrated. 50s.) London: Pitman Medical Publishing Co., Ltd. 1959.

*Mazer and Israel's Diagnosis and Treatment of Menstrual Disorders and Sterility.* By S. Leon Israel, M.D. Fourth edition. (Pp. 666+xii; illustrated. £6.) New York: Paul B. Hoeber, Inc. London: Pitman Medical Publishing Co., Ltd. 1959.

*Reflections of a Medical Investigator.* Four Lectures Delivered at the University of Groningen. By R. A. McCance, C.B.E., F.R.S. (Pp. 63; illustrated. 7s. 6d.) London: Pitman Medical Publishing Co., Ltd. 1959.

*Orthopaedics: Principles and their Application.* By Samuel L. Turek, M.D. (Pp. 906+xix; illustrated. £8.) London: Pitman Medical Publishing Co., Ltd. 1959.

*Voice and Articulation.* By Charles Van Riper and John V. Irwin. (Pp. 566+xvii; illustrated. 55s.) London: Pitman Medical Publishing Co., Ltd. 1959.

*Medical Surveys and Clinical Trials. Some Methods and Applications of Group Research in Medicine.* Edited by L. J. Witts, C.B.E., M.A., M.D., Sc.D., F.R.C.P. (Pp. 328+x. 35s.) London, New York, Toronto: Oxford University Press. 1959.

*Die Regulation der Natrium- und Wasserausscheidung.* By Michael Földi, D.S.M., and Georg Szabo, D.S.M. (Pp. 267; illustrated.) Budapest: Publishing House of the Hungarian Academy of Sciences. 1959.

*Medical Education in U.S.A.* Eisenhower Exchange Fellowships. Report of F. Victor Rodrigues, 1958 Fellow from Brazil. (Pp. 84.) Rio de Janeiro. 1959.

*Gowland and Cairney's Notes on Anatomy. Volume 3. Part I: The Limbs. Part II: The Vertebral Column, Ribs and Sternum.* By W. E. Adams, Ph.D.(Leeds), D.Sc., M.Sc., M.B., Ch.B., B.Med.Sc.(N.Z.), F.A.Z., F.R.S.N.Z., with 4 Contributors. Second edition. (Pp. 475+xv. 57s. 6d.) Christchurch, New Zealand: N. M. Peryer, Ltd. 1959.

*Principles of Nutrition.* By Eva D. Wilson, Katherine H. Fisher, and Mary E. Fuqua. (Pp. 483+xii; illustrated. 48s.) New York: John Wiley and Sons, Inc. London: Chapman and Hall, Ltd. 1959.

*Mostly Murder.* By Sir Sydney Smith, C.B.E., LL.D., M.D. (Edin.), F.R.C.P.(Edin.). (Pp. 318; illustrated. 21s.) London, Toronto, Wellington, Sydney: George G. Harrap and Co., Ltd. 1959.

*Paediatric Tutorials. The Newly Born Infant.* By Andrew Bogdan, M.D., M.R.C.P.E., D.C.H. (Pp. 38. 3s.) Leeds: Austick's Medical Bookshop. 1959.

*Strahlenbiologie, Strahlentherapie, Nuklearmedizin und Krebsforschung, Ergebnisse 1952-1958.* Edited by H. R. Schinz, H. Holthausen, H. Langendorff, B. Rajewsky, and G. Schubert. With 19 contributors. (Pp. 998+viii; illustrated. DM. 275.) Stuttgart: Georg Thieme Verlag. 1959.

*British Pharmaceutical Codex 1959.* Published by direction of the Council of the Pharmaceutical Society of Great Britain. (Pp. 1,301+xxix. 70s.) London: Pharmaceutical Press. 1959.

*The British Encyclopaedia of Medical Practice, Including Medicine, Surgery, Obstetrics, Gynaecology, and other special subjects. Medical Progress 1959.* Editor in Chief: The Lord Cohen of Birkenhead, P.R.S.H., M.D., D.Sc., LL.D., F.R.C.P., F.R.C.P.I., F.A.C.P., F.D.S.R.C.S., F.F.R., F.R.I.C., F.S.A. (Pp. 327+xx. 37s. 6d.) London: Butterworth and Co. (Publishers), Ltd. 1959.

*The British Encyclopaedia of Medical Practice. Cumulative Supplement 1959.* (Pp. 445. 35s.) London: Butterworth and Co. (Publishers), Ltd. 1959.

*Christopher's Minor Surgery.* Edited by Alton Ochsner, M.D., F.A.C.S., and Michael E. DeBakey, M.D., F.A.C.S. Eighth edition. (Pp. 539+xv; illustrated. £3 13s. 6d.) Philadelphia and London: W. B. Saunders Company. 1959.

*Psychological Appraisal of Children with Cerebral Defects.* By Edith Meyer Taylor. (Pp. 499+xvii. 68s.) Cambridge, Mass.: Harvard University Press, Commonwealth Fund. London: Oxford University Press. 1959.

*Het Levenswerk van Christiaan Eijkman 1858-1930.* By B. C. P. Jansen. (Pp. 205+vii.) Haarlem: De Erven F. Bohn N.V. for Nederlandsch Tijdschrift voor Geneeskunde. 1959.

*Verhandlungen der Anatomischen Gesellschaft auf der Fünfundfünfzigsten Versammlung in Frankfurt/Main, April 9-13, 1958.* Edited by Max Watzka and Hermann Voss. (Pp. 372+viii; illustrated.) Jena: VEB Gustav Fischer Verlag. 1959.

*Atlas of Roentgenographic Positions.* By Vinita Merrill. In two volumes. Second edition. (Pp. Vol. I: 1-292; Vol. II: 293-664; illustrated. £12.) St. Louis: C. V. Mosby Company. London: Henry Kimpton. 1959.

March are for all practical purposes determined. Any substantial advance will clearly necessitate a Supplementary Estimate for the Ministry of Health. Mr. D. WALKER-SMITH has been very cautious so far, promising no more than "the maximum speed compatible with full and thorough consultation" in dealing with the report. It could happen that an additional spur towards a decision may be applied in the House of Lords, for a notice already stands in the name of Lord TAYLOR of his intention to call attention to the remuneration and conditions of work of the medical profession. So far no date has been named for this motion, but the opportunity it affords for an early expression of opinion on the Pilkington proposals, whatever they may turn out to be, is evident.

#### Bills Before the Lords

The Lords will give their attention to some legislation of medical interest during the next few weeks. They have before them the committee stage of the Radioactive Substances Bill, which is intended to secure better control of the disposal of radioactive wastes. Next week the LORD CHANCELLOR is expected to seek a second reading for the Indecency with Children Bill. This is designed to fill a gap in the law to which the Criminal Law Revision Committee drew attention over a year ago. They were concerned with cases in which a person, without any show or threat of force, successfully invited a child to handle him indecently, no indecent assault being committed because of the absence of any conduct which could properly be called assault. The Bill proposes a maximum penalty of two years' imprisonment on conviction on indictment, and of six months (or a fine of £100) on summary conviction, for any person who commits or incites an act of gross indecency with a child under 14. (See also p. 284.)

The Public Health Laboratory Service Bill, scheduled for second reading on February 2, proposes to bring the bacteriological service, hitherto administered by the Medical Research Council as agents for the Ministry of Health, under the independent administration of a statutory board. This board, it is proposed, shall consist of a chairman and nine other members, of whom the chairman and one member shall be fully registered medical practitioners, two members to be appointed by the M.R.C., two bacteriologists, two medical officers of health, and two members with administrative experience. The service grew out of the emergency laboratory service established during the war to control possible major epidemics, which was afterwards made permanent.

#### Programme for the Commons

The Commons have to set going the Mental Health (Scotland) Bill, the counterpart of the English Bill passed in the last Parliament. This will be a major task for the Scottish Standing Committee, and will keep them occupied for much of the spring. The Supplementary Professions Bill is due to go into committee almost immediately, with the question mark of the inquiry to be conducted by Lord Simonds and two colleagues into the attendance of witnesses and the production of documents before professional tribunals still hanging over its disciplinary clauses. There are other investigating bodies to be completed too. The committee to examine the nature, source, and effects of noise, and to devise mitigating measures, which was announced in December, still has to be constituted. The group of scientists who are to make a study of the use of toxic chemicals in agriculture and food storage has also to be named.

The return last week-end of an energetic MINISTER OF TRANSPORT from ideas-gleaning tours in Europe and the United States will start afresh the agitation for a reduction in road accidents, and particularly the effect of alcohol on drivers. The Parliamentary Secretary said before Christmas that it was intended to continue discussions with the M.R.C.

on this issue, and Mr. E. MARPLES has made a point since his return of some ideas about this which attracted him in Chicago. In the pre-Budget months, when taxes and concessions are uppermost in the M.P.'s mind, it is inevitable that arguments for the removal of the Health Service charges will be pressed repeatedly; and the advocates of the supply of drugs to private patients will not lose the opportunity to urge their claims; they have shown sharp dissatisfaction with the Minister's attitude in recent exchanges.

## Universities and Colleges

### UNIVERSITY OF CAMBRIDGE

The following candidates have been approved at the examinations indicated:

FINAL M.B.—Part II: <sup>3</sup>C. L. C. Arnold, <sup>1</sup><sup>3</sup>N. A. Atalla, <sup>1</sup><sup>3</sup>A. J. C. Balfour, <sup>2</sup>N. J. Barton, <sup>2</sup>J. P. Blackburn, <sup>2</sup>D. Bond, <sup>2</sup><sup>3</sup>F. M. Boston, <sup>2</sup>K. R. Bowles, <sup>1</sup><sup>2</sup>E. G. Cantrell, <sup>2</sup>A. F. S. Childs, <sup>1</sup><sup>2</sup>R. B. Church, <sup>2</sup>D. R. F. Clark, <sup>2</sup>J. K. Dajani, <sup>1</sup><sup>3</sup>R. N. Davies, <sup>2</sup>T. Davies, <sup>2</sup>J. B. Douglas, <sup>1</sup><sup>2</sup>R. S. W. Dowling, <sup>2</sup>H. J. Eldridge, <sup>2</sup>G. H. Evans, <sup>2</sup>E. W. L. Fletcher, <sup>1</sup><sup>2</sup>C. du V. Florey, <sup>2</sup>D. M. C. Forster, <sup>1</sup><sup>2</sup>H. B. Francis, <sup>2</sup>F. R. Gamman, <sup>2</sup>N. F. C. Gane, <sup>2</sup>P. R. Goddard, <sup>2</sup>D. Godwin, <sup>2</sup>J. Gough, <sup>2</sup>S. G. I. Hamilton, <sup>2</sup>S. Harcourt-Webster, <sup>2</sup>A. Harley, <sup>1</sup><sup>2</sup>J. T. Hattersley, <sup>2</sup>L. D. Heap, <sup>2</sup>J. M. Henk, <sup>2</sup>P. Hill, <sup>1</sup><sup>2</sup>Mrs. P. M. Hill, <sup>1</sup><sup>2</sup>A. Hobbs, <sup>2</sup>G. R. Hobday, <sup>1</sup><sup>2</sup>W. F. G. Hulley, <sup>2</sup>S. M. N. Jaikaran, <sup>1</sup><sup>2</sup>E. V. Jones, <sup>1</sup><sup>2</sup>R. S. Kirk, <sup>2</sup>B. K. Lee, <sup>2</sup>R. D. B. Leicester, <sup>2</sup>P. W. Lord, <sup>2</sup>J. E. D. MacLaren, <sup>1</sup><sup>2</sup>J. H. MacMillan, <sup>2</sup>D. M. Marsh, <sup>2</sup>N. J. Maurice-Smith, <sup>2</sup>H. D. H. Meyler, <sup>2</sup>R. H. Morgan, <sup>1</sup><sup>2</sup>D. N. E. Myers, <sup>2</sup>A. J. H. Nix, <sup>2</sup>M. J. Orrell, <sup>2</sup>Mrs. M. E. Peppercorn, <sup>2</sup>J. Pilcher, <sup>2</sup>J. N. Powell, <sup>2</sup>D. A. Richards, <sup>2</sup>E. H. Richards, <sup>1</sup><sup>2</sup>Mrs. J. S. Richmond, <sup>2</sup>J. W. S. Rickett, <sup>2</sup>J. R. L. Roberts, <sup>2</sup>A. P. Sherman, <sup>1</sup><sup>2</sup>B. Simpson, <sup>1</sup><sup>2</sup>R. I. R. Sinton, <sup>1</sup><sup>2</sup>N. J. Strickland, <sup>1</sup><sup>2</sup>T. J. H. Sweeting, <sup>2</sup>M. Thomas, <sup>1</sup><sup>2</sup>P. G. R. Tingley, <sup>1</sup><sup>2</sup>P. A. Troit, <sup>1</sup><sup>2</sup>K. Whittle, <sup>2</sup>J. S. Wigglesworth, <sup>2</sup>M. St. G. Wilson. Part I (Pathology and Pharmacology): M. I. J. Andrews, D. R. Bailey, D. R. Bainbridge, J. K. Bamford, J. H. J. Bancroft, T. M. Barratt, J. S. R. Baxter, R. J. E. Bellars, B. Blackwell, R. W. Blamey, W. K. Blenkinsopp, W. J. Boerema, D. J. Bradley, D. P. Brenton, I. F. Brockington, A. F. A. Brown, E. Byrne-Quinn, H. C. Cameron, A. Catterall, C. C. Chan, J. M. Charlton, H. Cheng, G. P. Clein, E. Clow, R. J. Cockerill, R. A. F. Cox, K. W. E. Craven, P. H. Curry, A. O. Davies, M. J. Denham, J. W. H. Doar, C. D. M. Drew, P. W. Dutton, J. A. Dyde, J. R. Eames, D. R. Edbrooke, W. D. Edwards, J. R. H. Fisher, J. Fletcher, K. J. Fox, D. L. Froggatt, G. W. Gamlen, J. R. Garnham, J. D. Geddes, H. K. A. Ghazaleh, S. M. Gibson, P. R. Goddard, D. Godwin, D. J. P. Gray, N. J. Gross, G. Hamber, I. W. F. Hanham, E. Hardy, P. W. R. Harris, W. G. Hartfall, A. R. H. Hastie, R. J. Heald, L. D. Heap, K. W. Heaton, C. Heughan, G. A. Hobbs, M. C. Holderness, J. H. Holland, G. D. Ingram, A. J. Johnston, J. S. Kirkham, D. Knight-Jones, J. E. R. Lart, G. Laszlo, M. J. Leverton, R. A. Lewin, F. C. Leyland, C.-C. Lim, K. A. Macdonald-Smith, D. B. Mackie, J. H. MacMillan, C. N. Mallinson, E. S. Marsden, D. M. Marsh, F. P. Marsh, L. P. Martin, N. J. Maurice-Smith, C. S. Menzies-Kitchin, B. R. Middleton, P. A. H. Millac, C. H. Mills, A. M. D. Mitchell, M. J. Mitchinson, T. F. Mortimer, D. N. E. Myers, J. M. Newsom Davis, A. D. C. Norris, J. R. Parker, W. L. Parry-Jones, H. R. Patterson, J. H. Pennington, E. Platts, L. F. Prescott, I. M. Rabinowicz, R. A. Randell, D. R. Redwood, I. D. B. Rennie, M. H. C. Rice, E. H. Richards, P. Richards, G. M. Riches, W. D. Riding, S. O. B. Roberts, Mrs. J. M. Robson, B. Rowe, S. J. E. Russell-Wells, J. D. Scobie, M. T. Scott-Kerr, A. T. Seaton, R. B. Sellwood, B. A. Senewiratne, D. E. Sibson, I. M. Simpson, A. F. Smith, M. E. Snell, T. H. Spreadbury, Hon. T. C. B. Stamp, P. R. C. Steele, P. D. Stewart, J. D. Swales, B. J. Sykes, F. J. B. Taylor, J. H. Taylor, D. F. E. Thallon, J. H. Thornley, R. H. C. Vaux, G. D. Walker, R. Warrington, J. P. Watson, F. W. Webb, M. M. Webb-Peplow, R. W. B. White, K. Whittle, A. J. Whitworth, J. L. Wilkins, E. D. G. Williams, E. R. Williams, P. H. L. Worth, P. L. Wright.

<sup>1</sup>Passed in principles and practice of physio. <sup>2</sup>Passed in principles and practice of surgery. <sup>3</sup>Passed in midwifery and gynaecology.

### UNIVERSITY OF ST. ANDREWS

John Simpson, M.D., D.P.H., Lecturer in Social and Preventive Medicine in the University of Manchester, has been appointed to a Senior Lectureship in Public Health and Social Medicine in Queen's College, Dundee, as from March 1, 1960.

### UNIVERSITY OF EDINBURGH

At a graduation ceremonial on December 18, 1959, the following degrees and diplomas were conferred:

M.D.—<sup>1</sup>R. R. Gillies, <sup>1</sup><sup>2</sup>C. G. I. Gordon, <sup>1</sup>J. C. Gould, Morag S. Macdonald, <sup>1</sup>R. S. McNeill, <sup>1</sup>H. W. Simpson.  
Ph.D.—In the Faculty of Medicine: A. W. Williams, M.D.  
M.B., Ch.B.—J. W. S. Angus, J. A. Birchall, J. B. McG. Fleming, J. D. Gillespie, P. Gordon, D. J. Harrison, J. M. Henderson, R. G. McGown, C. J. McKeown, J. A. L. Mayhew, R. G. Moses, J. E. M. Robertson, R. T. A. Ross, W. G. Russell, P. Sukhum, W. R. Sullivan, R. N. T. Thin, T. G. S. Wilson.  
D.P.H.—Agnes E. Whitter.  
DIPLOMA IN MEDICAL RADIODIAGNOSIS.—A. A. H. Brown, G. M. Fraser, A. F. Macdonald, I. R. Pyle.  
DIPLOMA IN MEDICAL RADIOTHERAPY.—J. Frame, J. F. Pringle, H. G. Whiston.

<sup>1</sup>Commended for thesis. <sup>2</sup>In absentia.

The following fellowship, scholarship, etc., were awarded in the Faculty of Medicine: Graduate Research Fellowship: A. F. MacDonald. Graduate Research Scholarships: A. Basu, Pamela

M. Burton, M. B. Smith. *Llewellyn Bevan Prize*: J. H. Campbell. *James Foulis Bursary*: Joyce J. McLaren. *Undergraduate Scholarships*: A. G. Fraser, R. B. Jones, D. S. Taylor. E. B. *Jamieson Prizes in Anatomy*: J. R. Philp, T. McN. Kennedy.

## UNIVERSITY OF DUBLIN

## SCHOOL OF PHYSIC, TRINITY COLLEGE

The following candidates have been approved at the examinations indicated:

M.D.—Betty E. Wallace.  
DIPLOMA IN PSYCHOLOGICAL MEDICINE.—*Part I*: P. R. D. Black, A. A. Marinho.

## UNIVERSITY OF DURHAM

In Congregation on December 19, 1959, the following degrees were conferred:

M.B., B.S.—B. A. Aboyade, Lilian F. C. Beattie, K. Beveridge, K. Bolam, T. M. Bolam, Moira M. A. Browne, W. K. Deegan, J. D. Etherington, J. G. Goundry, P. J. K. Maskery, G. W. Odling-Smee, Christine M. Peacock, F. A. Rañique, Susan J. Richardson, and, *in absentia*, M. B. Odemuyiwa.

## UNIVERSITY OF MANCHESTER

The following candidates have been approved at the examination indicated:

FINAL M.B., Ch.B.—G. A. Cumming, Shirley Currie, T. C. Davies, P. L. S. Dixon, D. L. Easty, Valerie K. Frazer, F. A. Hindley, F. R. Hirst, C. E. Horsfall, W. R. Hutton, M. J. Imrie, A. W. Jackson, J. H. Jones, F. Kemble, N. P. Mallick, Shirley A. Maxwell, Doreen Millns, Rosemary G. Mitchell, K. J. Noblett, Doris E. Probert, Diana H. Seddon, Shirley E. Stanworth, J. R. Thelwell, J. B. Thomson, Margaret Ward, Sylvia A. Wood.

## UNIVERSITY OF WALES

In Congregation on December 18, 1959, the following degrees were conferred:

M.B., B.Ch.—R. B. Griffiths, Maldwyn Hopkin-Thomas, Anne E. Jones, Morfydd R. Keen, J. E. Phillips, G. L. J. Roblings, Edith P. Thomas, Ann Varcoe, J. G. Wingfield.

## UNIVERSITY OF BIRMINGHAM

In Congregation on December 11, 1959, the following degrees were conferred:

M.D.—*With honours*: R. F. Fletcher (*in absentia*).  
Ch.M.—G. T. Watts.  
Ph.D.—*In the Faculty of Medicine*: W. J. Moore.  
M.B., Ch.B.—June Barber, J. G. Chapple, D. Corden, K. P. Davies, Jean Dobson, Patricia M. Gibbons, T. F. Handley, D. Hathway, J. N. Haworth, R. H. Horobin, J. A. Idowu, J. W. Masters, C. B. Patel, M. F. C. Prince, H. O. Uddoh.

The following scholarships and prizes were awarded in the Faculty of Medicine: *Research Scholarships*: N. R. Belton and Valerie Harding (medical biochemistry and pharmacology), J. C. Caygill (physiology). *Renewals*: Heather M. Beaumont (anatomy), P. Johnson and G. B. Robinson (medical biochemistry and pharmacology). *Queen's Scholarships*: A. Rhodes (final year), M. J. Chamberlain (fifth year), Dorothy J. Bicknell (third year). *Ingleby Scholarships*: R. M. Finch (obstetrics and gynaecology), S. W. Clarke (paediatrics and child health). *Arthur Foxwell Memorial Prize in Clinical Medicine*: B. Hill, Bozena Z. Leoszko, J. R. Perry. *Sampson Gamgee Memorial Prize in Surgery*: A. J. Cox. *Joseph Sankey Prize in Clinical Surgery*, Cyril Raison Prize in *Surgical Diseases in Children*, and *Russell Memorial Prize in Nervous Diseases*: A. Rhodes. *Priestley Smith Prize in Ophthalmology*: A. W. Harris. *Douglas Marsh Ear, Nose, and Throat Prize*: M. H. Daly. *Arthur Beauchamp Essay Prize*: J. R. Perry. *Leith Newman Prize in Pathology (Medicine)*: Christine C. Tong; *proxime accessit*, B. D. Hill. *Bostock Hill Memorial Prize in Social Medicine*: B. A. Wharton. *Bertram Windle Prize in Anatomy*: K. Prowse. *John Barritt Melson Memorial Prize in Physiology*: Dorothy J. Bicknell. *Peter Thompson Prize in Anatomy*: M. L. Coope.

## UNIVERSITY OF LIVERPOOL

In Congregation on December 18, 1959, the following degrees and diplomas were conferred:

M.D.—Constance M. Davis, D. A. P. Evans, J. E. Riding, J. G. Warbrick.

Ch.M.—\*R. Basu, \*R. Brearley, J. Humphreys, \*P. K. Tamaskar.  
M.Ch.(Orth.)—J. A. Adams, K. V. Chabul, A. W. B. Heywood, D. C. MacPhail, B. T. O'Connor, M. Y. Rai, M. L. Rajakaruna, \*B. F. Regan, A. C. W. M. da Roza (recommended for award of gold medal in orthopaedic surgery) L. N. Vora.

M.B., Ch.B.—G. Balderstone, K. R. Ball, T. D. Birtles, J. A. Q. Blukoo-Altoey, Judith M. Burgess, K. Cartwright, Essilt Evans, R. G. V. Hughes, B. H. E. James, J. H. Lloyd, G. W. McKenna, C. J. Merry, Patricia A. Moore, R. Pactor.

DIPLOMA IN RADIOLOGY.—*Radiodiagnosis*: P. Daramond, H. F. Davies, C. D. Krasner. *Radiotherapy*: V. Amatyaikul.

DIPLOMA IN TROPICAL MEDICINE AND HYGIENE.—D. R. Bell, G. N. Bhadresa, S. M. Bieber, R. M. Briggs, J. R. Cope, A. A. Darkwa, D. S. Gilchrist, D. R. W. Haddock (recommended for award of Milne Medal in Tropical Medicine), R. Harris (recommended for award of Warrington Yorke Medal in Tropical Hygiene), R. B. Hawes, M. M. Husainee, T. D.

Jeyachandran, W. L. Johnson, R. D. Mahajan, G. D. E. Morris, M. A. Newland, W. I. B. Onuigbo, C. R. Rao, V. R. Rao, K. B. H. Reddy, J. H. Rouch, J. T. Sorley, L. F. Tinckler, L. Tsere, Sutee Ujjin, J. T. Weir, D. G. Young.

\**In absentia*.

## UNIVERSITY OF LEEDS

In December, 1959, the following candidates were approved at the examinations indicated:

M.D.—J. Gibson, T. K. Marshall, R. Spink.  
M.B., Ch.B.—<sup>1</sup>Helen M. Hoyle, <sup>1</sup>J. M. S. Pearce, <sup>1</sup>J. H. Wetherill, Jill E. Awcock, J. A. C. Bailey, W. Barnes, Ann G. Benson, R. E. Blagg, A. G. Bond, I. Cliffe, J. A. Dacre, Irene M. Dunderdale, Shirley M. Ewart, T. R. Forrest, K. Fox, J. M. France, Margaret Hallas, D. Heeralall, Jennifer A. Homeshaw, R. V. Howarth, D. Hoyle, Florence S. Hutchinson, H. Ikram, K. J. Kedwards, G. P. Kirkland, D. H. Mellor, K. Oldroyd, B. A. Pell, R. Plowman, Elizabeth Rowe, Eddys E. Sherwood-Cundall, K. Thornber, R. A. N. Welham, Elizabeth A. Wilford.

<sup>1</sup>With second-class honours. <sup>2</sup>With distinction in obstetrics and gynaecology.

## SOCIETY OF APOTHECARIES OF LONDON

The following candidates, having completed the final examination, have been granted the diploma of L.M.S.S.A.:

R. J. Anisson, R. Cook, G. A. Lee, G. H. E. Woodbine, Y. Y. Liu, C. P. Juniper, G. Davies, H. A. Gordon, J. E. Igwe, P. R. S. Johnson, Z. F. M. Newton-Nowinski, R. Tiru-Chelvam.

The following candidates have been awarded the Diploma in Mastery of Midwifery:

N. K. Al'ahbadia, M. H. Kyi, U. N. Pathak.

The following candidates have been awarded the Diploma in Industrial Health:

G. J. Clarke, R. H. P. Fernandez, N. Y. Prakash, A. R. Prasad, S. Prasad, M. P. Y. Scott, R. R. L. Wild.

## Vital Statistics

## Fatal Road Accidents

Deaths due to road accidents in England and Wales numbered 147 during the four days from Christmas Eve to December 27. This was 61 more than in the same period of 1958. During November, 1959—the last month for which full figures are available—625 people were killed on the roads of Great Britain, 88 more than in November, 1958. While the total number (21,183) of killed and injured in November, 1959, was over 12% more than in the same month in the previous year, motor traffic on main roads had increased by about 11%. Pedestrians suffered the most serious increase in casualties, and two-thirds of those who were killed were 60 years of age or over. Most of the elderly people were crossing the road when hit by a motor vehicle.

## Scottish Health Statistics

The Department of Health for Scotland has issued a volume entitled *Scottish Health Statistics 1958* (H.M.S.O.; price 12s. 6d. net). Each of the 13 sections provides information in a tabular form about the health and health services of Scotland. In 1958 the population of Scotland was 5,169,000. Live births numbered 99,480 and deaths 62,065. The infant mortality rate was 27.7 (compared with 44.7 in 1948 and 69.5 in 1938), and the neonatal mortality rate was 18.7 (compared with 25.1 in 1948 and 35 in 1938). In 1958, as in 1957, only 1 case of diphtheria was notified (the average number of notifications during the period 1940–9 was 6,355). But 6,232 cases of dysentery were notified, compared with the 1940–9 average of 2,609. The notifications of scarlet fever, at about 4,000, remained the same as in the previous three years.

Respiratory tuberculosis caused the deaths of 431 men and 207 women in 1958 (the 1940–9 averages were 1,657 men and 1,464 women). The notifications of respiratory tuberculosis amounted to 3,032 males and 2,157 females (the 1940–9 averages were 3,717 males and 3,429 females).

Among other items of information contained in the report were the following: the number of new cases of gonorrhoea in men rose from 2,289 in 1957 to 2,733 in 1958; over half a million children were immunized against poliomyelitis; and domiciliary consultations by specialists amounted to 37,705.

**Journal of Clinical Pathology.**—Issued bi-monthly (£4 4s. annually). The new issue (Vol. 12, No. 6) includes:

- NEUROCHEMISTRY AND NEUROCHEMISTS. John N. Cumings.  
THE CLINICAL AND PATHOLOGICAL BACKGROUND OF TWO CASES OF OXALOSIS. D. T. D. Hughes.  
THE PROTEINS OF NORMAL URINE—II. Gregor H. Grant.  
A COMPARISON OF METHODS FOR THE ESTIMATION OF SERUM CHOLESTEROL AND VALUES IN RANDOM SAMPLES OF POPULATIONS IN THE 55-64 AGE GROUP. T. G. Morris.  
ORGANIC ACID EXCRETION AFTER CALCIUM GLUCONATE INFUSIONS. M. A. Crawford, Lavinia Loughbridge, M. D. Milne, and B. H. Scribner.  
DIABETES INSIPIDUS COMPLICATING TOTAL ADRENALECTOMY. J. R. Rees and Joan F. Zilva.  
RADIOIODINATED TRIOLEIN IN MALABSORPTION STATES. S. D. Mohamed and R. Hume.  
A SCREENING TEST FOR PHAEOCHROMOCYTOMA. R. Robinson, J. Ratcliffe, and P. Smith.  
THE PREPARATION AND USE OF <sup>125</sup>I-TAGGED FIBRINOGEN TO DEMONSTRATE FIBRINOLYSIS. W. Elspeth Clement and George P. McNicol.  
CHRISTMAS FACTOR (IX) DEFECT IN A CASE OF HAEMORRHAGIC THROMBOCYTHAEMIA. W. E. Benney and F. J. W. Lewis.  
ON THE DIFFERENTIAL DIAGNOSIS OF THROMBOTIC MICROANGIOPATHY IN ENDOMETRIAL CURETTINGS. W. St. C. Symmers.  
CYTOLOGICAL PREPARATIONS FROM PROTEIN-FREE FLUIDS. M. E. A. Powell.  
THE BACTERIAL FLORA OF GASTRIC LAVAGES FROM PATIENTS UNDERGOING PARTIAL GASTRECTOMY. Herta Schwabacher, A. J. Salsbury, and T. G. E. Loosemore.  
NOVOBIOCIN-TETRATHIONATE BROTH: A MEDIUM OF IMPROVED SELECTIVITY FOR THE ISOLATION OF SALMONELLAE FROM FAECES. Leonard Jeffries.  
TECHNICAL METHODS:  
A DYE-REFIN TEST FOR ACHLORHYDRIA. G. M. G. Barton and A. H. Firstbrook.  
A JIG FOR THE AGLA MICROMETER SYRINGE FOR AUTOMATIC QUANTITATIVE APPLICATIONS IN PAPER ELECTROPHORESIS. D. A. Osborn and D. Bawden.  
AN AUTOMATIC DEVICE FOR CONTROLLING HOT AIR OVENS. R. E. Davis.  
ASSOCIATION OF CLINICAL PATHOLOGISTS: 63rd GENERAL MEETING.  
BOOK REVIEWS.  
INDEX TO VOLUME 12.

**Abstracts of World Medicine.**—Issued in the first week of each month, this journal contains abstracts of important papers selected from the current medical literature of the world. Annual subscription £4 4s.

## 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 25

- GUY'S HOSPITAL: PHYSIOLOGY THEATRE.—5.30 p.m., endocrine demonstration: Obesity.  
MANCHESTER MEDICAL SOCIETY.—(1) SECTION OF ODONTOLOGY.—At Lecture Room, Dental Hospital, 4.30 for 5 p.m., Dr. R. Earnshaw: Aesthetics in Full Denture Construction. (2) SECTION OF GENERAL PRACTICE.—At Large Anatomy Theatre, Medical School, Manchester University, 8.30 for 9 p.m., Dr. Richard Stone: Treatment of Diabetes.  
POSTGRADUATE MEDICAL SCHOOL OF LONDON.—4 p.m., Mr. N. W. Please: Elements of Statistical Methods (III).

### Tuesday, January 26

- BRITISH POSTGRADUATE MEDICAL FEDERATION.—At London School of Hygiene and Tropical Medicine, 5.30 p.m., Professor R. J. V. Pulvertaft: Auto-immune Reaction.  
INSTITUTE OF CHILD HEALTH.—5 p.m., Dr. J. Warkany: Teratology and Paediatrics.  
INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. R. M. B. McKenna: Aetiology of Pruritus and its Management.  
LEEDS NEUROLOGICAL SCIENCES COLLOQUIUM, 1959-1960.—At Littlewood Hall, General Infirmary at Leeds, 5.15 p.m., Dr. L. A. Liversedge: Writer's Cramp.  
LONDON UNIVERSITY.—At King's College, 5.30 p.m., special university lecture by Professor J. Brachet (Brussels): Role of Ribonucleic Acid in Protein Synthesis.  
ROYAL ARMY MEDICAL COLLEGE.—5 p.m., Sir Ralph Marnham: Some Rectal Complaints.  
ROYAL STATISTICAL SOCIETY: MEDICAL SECTION.—At Senior Common Room, London School of Hygiene and Tropical Medicine, 5.30 p.m., Sherry Party. 6.15 p.m. (in Manson Theatre), Dr. R. S. Doll: Mechanisms of Carcinogenesis—Epidemiological Evidence.  
ST. MARY'S HOSPITAL MEDICAL SCHOOL.—At Wright-Fleming Institute Lecture Theatre, 5 p.m., Mr. Alistair Gunn: Foetal Behaviour.  
WEST END HOSPITAL FOR NEUROLOGY AND NEUROSURGERY.—5.30 p.m., Dr. J. N. Milnes: Neurology.

### Wednesday, January 27

- COLLEGE OF GENERAL PRACTITIONERS: SOUTH LONDON FACULTY.—At St. Alfege's Hospital, Greenwich, S.E., 8.30 p.m., Mr. L. E. Drake: Entering Practice.  
INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. R. W. Riddell: Fungi Causing Skin Disease.  
INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Mr. O. S. Tubbs: Use of Heart-Lung By-pass and Deep Hypothermia in Cardiac Surgery.  
INSTITUTE OF UROLOGY.—4.30 for 5 p.m., Dr. R. C. B. Fugh: Tumours of the Testicle.  
● LIVERPOOL UNIVERSITY: DEPARTMENT OF EXTRA-MURAL STUDIES.—At Medical School, 8 p.m., Dr. W. H. Taylor: Patterns of Water and Ionic Imbalance.  
LONDON ASSOCIATION OF THE MEDICAL WOMEN'S FEDERATION.—At Royal Free Hospital School of Medicine, 8, Hunter Street, London, W.C., 8.30 p.m., Dr. Mary Grosse and Dr. James Douglas: The Fate of the Premature Baby Observed Over a Period of Ten Years.  
LONDON UNIVERSITY.—At King's College, 5.30 p.m., special university lecture by Professor J. Brachet (Brussels): Role of the Cell Nucleus in Ribonucleic Acid and Protein Synthesis.  
MANCHESTER MEDICAL SOCIETY: SECTIONS OF MEDICINE AND PATHOLOGY.—At Large Anatomy Theatre, Medical School, Manchester University, 4 for 4.30 p.m., joint meeting, Professor D. Hubble: Stenorrhoea.  
● GRADUATE MEDICAL SCHOOL OF LONDON.—2 p.m., Dr. Rosemary Biggs: Treatment of Haemophilia.

- ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., Arnott Demonstration by Dr. D. H. Tompsett: Preservation and Injection of Anatomical Material.  
ROYAL FACULTY OF PHYSICIANS AND SURGEONS OF GLASGOW.—At Maurice Bloch Lecture Theatre, 5 p.m., Lock Lecture by Professor P. B. Medawar, F.R.S.: Immunology of Transplantation.  
● WEST LONDON MEDICO-CHIRURGICAL SOCIETY.—At Rembrandt Hotel, London, S.W., 7.30 for 8 p.m., Detective Chief Superintendent J. Smale: Relationship Between Doctor and Police.

### Thursday, January 28

- BRITISH POSTGRADUATE MEDICAL FEDERATION.—At London School of Hygiene and Tropical Medicine, 5.30 p.m., Dr. R. G. White: Immune Cellular Reactions.  
INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. A. D. Porter: Photosensitivity.  
LIVERPOOL MEDICAL INSTITUTION.—8 p.m., joint meeting with Liverpool Psychiatric Club.  
LONDON UNIVERSITY.—At School of Pharmacy, 29-39, Brunswick Square, W.C., 5.30 p.m., special university lecture in pharmacy by Professor P. Blanquet (Bordeaux): Ion Exchange Resins and Thyroid Metabolism (II).  
MANCHESTER MEDICAL SOCIETY: SECTION OF ANAESTHETICS.—At Staff House, Manchester University, 7.45 for 8 p.m., Dr. I. Hallack: Fluid Balance and Anaesthesia; Dr. B. J. Muir: Anaesthesia in a Children's Burns Unit.  
NUFFIELD ORTHOPAEDIC CENTRE.—At Wingfield-Morris Orthopaedic Hospital, Oxford, 8.30 p.m., Mr. R. G. Taylor and Mr. J. R. Gleave: Injuries to the Cervical Spine.  
ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5 p.m., Hunterian Lecture by Lieutenant-Colonel J. C. Watts: Missile Injuries in Cyprus.  
ROYAL EYE HOSPITAL.—5 p.m., Dr. T. H. Whittington: Ophthalmic Lenses and their Effects.  
ST. GEORGE'S HOSPITAL MEDICAL SCHOOL.—5 p.m., Dr. J. H. Paterson: postgraduate demonstration in neurology.

### Friday, January 29

- INSTITUTE OF DERMATOLOGY.—5.30 p.m., Dr. E. J. Moynahan: clinical demonstration.  
INSTITUTE OF DISEASES OF THE CHEST.—5 p.m., Professor A. Dornhorst: Clinical demonstration.  
INSTITUTE OF LARYNGOLOGY AND OTOTOLOGY.—5.30 p.m., Dr. T. V. L. Crichlow: Cholesteatoma and Mastoid Disease, with demonstration of x-ray films.  
INSTITUTE OF NEUROLOGY.—4.30 p.m., Dr. E. A. Carmichael: Some Studies of Hemiplegia of Early Onset.  
LONDON UNIVERSITY.—At School of Pharmacy, 29-39, Brunswick Square, W.C., 5.30 p.m., special university lecture in pharmacy by Professor P. Blanquet (Bordeaux): Ion Exchange Resins and Thyroid Metabolism (II).  
LONDON UNIVERSITY.—At Eugenics Theatre, University College, 5.30 p.m., special university lecture by Professor E. Lehmann (California): Efficiency of Non-parametric Tests.  
MANCHESTER MEDICAL STUDENTS SOCIETY.—At Manchester University Medical School, 4.30 p.m., B.M.A. Lecture by Dr. R. A. J. Asher: Hysteria, My Foot.  
MEDICAL SOCIETY FOR THE STUDY OF VENEREAL DISEASES.—At 11, Chandos Street, W., 6.45 for 7.30 p.m., general meeting. Short papers will be read and discussed.  
POSTGRADUATE MEDICAL SCHOOL OF LONDON.—(1) 10 a.m., Mr. R. L. Holt: Trends in the Surgical Treatment of Peptic Ulceration. (2) 4 p.m., Mr. N. W. Please: Elements of Statistical Methods (IV).  
ROYAL EYE HOSPITAL.—5 p.m., Dr. T. H. Whittington: Strabismus in Childhood.

### Saturday, January 30

- CAMBRIDGE UNIVERSITY MEDICAL SCHOOL.—At Lecture Room "B," Addenbrooke's Hospital, symposium on Ear, Nose and Throat, and Eye Diseases. Morning, 10.45 a.m., Mr. K. F. Wilsdon: E.N.T. Emergencies; 11.45 a.m., Mr. A. S. H. Walford: Vertigo. Afternoon, 2.15 p.m., Dr. G. F. Wright: Some Disorders of Children's Eyes; 3.15 p.m., Mr. W. S. Foulds: Poor Sight in the Elderly Patient.  
KENT PAEDIATRIC AND CHILD HEALTH SOCIETY.—At West Kent General Hospital, Marsham Street, Maidstone, 3 p.m., Dr. S. Weller: Paediatrics in Yugoslavia.

## BIRTHS, MARRIAGES, AND DEATHS

### BIRTHS

- Charlton.—On December 8, 1959, to Maureen (formerly Rodgers) M.S.R., wife of John C. Charlton, M.B., B.Ch., "The Hawthorns," Station Road, Mickleover, Derby, a son—Rodger Clement.  
Da Roza.—On January 5, 1960, to Nonnie and A. C. Da Roza, of 23, Cumberland Avenue, Liverpool, 17, a brother for Mark—Andrew John Thomas.—On December 16, 1959, at Cardiff Maternity Hospital, to Mary (formerly Hines), wife of D. Trevor Thomas, M.R.C.S., L.R.C.P., D.P.H., The Kymin, Penarth, a daughter.

### DEATHS

- Chowdhary.—On December 30, 1959, at St. Andrew's Hospital, Billericay, Essex, Dharm Sheel Chowdhary, M.B., B.S., D.P.H., D.T.M., of Daisybank, Laindon, Basildon, Essex.  
Cruickshank.—On December 31, 1959, in hospital, John Johnston Cruickshank, M.B., Ch.B., of 1, Wardle Road, Sale, Cheshire.  
Gassmann.—On December 29, 1959, at Irlwyn, Newton Ferrers, Plymouth, Devon, George Arnold Gassmann, M.R.C.S., L.R.C.P., aged 71.  
Howroyd.—On December 26, 1959, at Volta House, Darley, near Harrogate, Yorks, James Edwin Howroyd, L.S.A., aged 85.  
McRae.—On December 25, 1959, at Crowborough, Sussex, Murdo McKenzie McRae, M.C., M.B., Ch.B., of The Hazards, Crowborough.  
McVittie.—On December 27, 1959, at Maengwyn, Caerswyn, Mont, David Blacklock McVittie, T.D., M.B., Ch.B.  
Paterson.—On January 1, 1960, at Glasgow, Randolph James Elliot Paterson, M.D., late of North Berwick.  
Rose.—On January 1, 1960, Charles Vincent Douglas Rose, M.R.C.S., L.R.C.P., D.O.M.S., Colonel, I.M.S., retired, aged 62.  
Tomlin.—On December 29, 1959, Herbert Tomlin, M.D., D.P.H., of 114, Fitzwilliam Street, Huddersfield, Yorks, formerly of Barnsley, Yorks, aged 78.  
Voigt.—On December 31, 1959, in Italy, Carel Voigt, M.D., D.T.M., aged 65.  
Wilkin.—On December 30, 1959, at Wollongong, New South Wales, Australia, James Ernest Wilkin, L.A.H., formerly of London, W.  
Youngman.—On January 3, 1960, at his home, "Byways," Northam, North Devon, John Gordon Youngman, F.R.C.S.Ed., aged 48.