

diastolic filling of the heart and therefore the cardiac output. In the section on angina pectoris he incorporates a good deal of material with which few British cardiologists would agree. Thus he attributes brown atrophy, fatty degeneration, and nocturnal and postprandial angina pectoris to myocardial congestion (p. 157), and the opaque triangle at the left cardiophrenic angle often seen in skiagrams of the heart to pericardial hydrops (p. 159 : Figs. 33 and 75).

He regards arteriosclerosis as being a compensatory structural change to protect the arteries from undue pressure and pulsation, calcification being especially successful in this respect (p. 161) ; in fact, he states that coronary calcification and angina pectoris are more or less mutually exclusive (p. 165). He says that plethora up to twice the normal blood volume is a common pre-arteriosclerotic finding (p. 163). On p. 176 the following statement appears : "The angina pectoris of myocardiac origin may be conditioned by rheumatism, syphilis, pericarditis or toxic processes. An especially important symptom for this complex of diseases is a relative insufficiency of the cuspid valves, which can be detected as a loud diastolic murmur over the ostium atrio-ventriculare mitralis." This is a fair example of a number of such confusing statements. Mitral incompetence due to endocarditis is said to give rise to a late systolic murmur strongest at the end of systole, whereas functional mitral incompetence is said to give rise to an earlier murmur which, in contrast, may be regarded as presystolic (p. 176). An unusual therapeutic measure is the treatment of angina pectoris by means of infiltrating the pectoralis major and minor with normal saline. Italicized remarks such as, "*In order to be effective, treatment for arteriosclerosis must be undertaken in the horizontal position as a conditio sine qua non*," leave the British reader somewhat bewildered. There are very readable discourses on alcohol and tobacco, a useful chart for a low-salt diet, and an interesting appendix where the author describes the technical details of his tonoscillograph and blood-gas analyser.

PAUL WOOD.

INFANT FEEDING

Infant Nutrition. A Textbook of Infant Feeding for Students and Practitioners of Medicine. By P. C. Jeans, M.D., and Williams McKim Marriott, B.S., M.D. Fourth edition. (Pp. 516; illustrated. 32s. 6d.) London: Henry Kimpton. 1947.

The death of W. McKim Marriott was a tragedy, but fortunately his teaching and writings on infant nutrition have been preserved in his pupils and in his books. Prof. P. C. Jeans, of Iowa, was associated with Marriott for some years, and he has already brought out a revised version of *Infant Nutrition*, now appearing in a fourth edition. Early in the book he makes the essential point that the chief cause of failure in infant feeding is to provide the equivalent of too few calories. Too much attention is paid to vitamins and minerals and too little in general to adequate energy intake. However, the author of this book is not altogether free from blame in this respect, for the sections on vitamins are together longer than those on energy metabolism, and he might have emphasized more the modern revived interest in the quality and quantity of protein. The metric system is used in the section on "formulas" but with the usual equivalents (ounces) in brackets. As usual in countries in which the cubic centimetre or gramme is not used in the home the whole business is artificial—quantities being obviously worked out in convenient ounces and translated, as it were, into metric equivalents. The account of dried milk might be given more space now that it is being extensively used in Europe.

These criticisms of the book must not be allowed to obscure its usefulness and value. Marriott's lactic-acid milk and the whole plan of infant feeding based on his ideas, as well as the emphasis placed on parenteral infections in causing diarrhoea, have passed into standard paediatric practice. Hartmann's solution (also from St. Louis) is in everyday use; the work of Darrow is mentioned in this connexion. More stress might have been laid on water and mineral metabolism, with reference to Gamble's work in Boston. The author concludes with an excellent miscellaneous section on practical procedures. The book can be thoroughly recommended to those concerned with the care of young children.

ALAN MONCRIEFF.

BOOKS RECEIVED

[Review is not precluded by notice here of books recently received]

Maladies de la Colonne Vertébrale. By J. Saidman. Vols. I and II. (Pp. 1,244. Bound in one volume 4,500 francs; in two volumes 4,750 francs.) Paris: G. Doin. 1948.

The pathology, diagnosis, and treatment of diseases of the vertebral column.

Technique d'Irradiation des Tumeurs Malignes. By C. Guilbert. (Pp. 299. 650 francs.) Paris: G. Doin. 1947.

An account of the application of radiotherapy and the doses required.

Le Syndrome de Diabète Rénal. By R. Debré. (Pp. 64. 145 francs.) Paris: G. Doin. 1947.

A monograph on renal diabetes, with particular reference to glucoside metabolism.

Éléments de Puériculture. By B. Weill-Hallé. (Pp. 260. 450 francs.) Paris: L'Expansion Scientifique Française. 1947.

The health and feeding of children described for parents and nurses.

Über Mangelkrankungen. By Prof. A. Wolff-Eisner. (Pp. 51. No price.) Würzburg: Lothar Sauer-Morhard Verlag. 1947.

The author describes his experience of deficiency diseases among the inmates of a concentration camp.

Rhumatisme Articulaire Aigu. By R. Lutembacher. (Pp. 438. 1,000 francs.) Paris: Masson. 1947.

A monograph on acute rheumatic disease.

La Radiothérapie Anti-Inflammatoire. By J. Huguet. (Pp. 200. 440 francs.) Paris: G. Doin. 1947.

A monograph on the x-ray treatment of inflammation.

Studie zur Frage der Zunahme der Sulfonamid-Resistenz bei der Gonorrhoe. By Dr. Med. E. Bruens. (Pp. 75. Rm. 4.) Berlin: Berliner Medizinische Verlagsanstalt. 1947.

An account of the experimental investigation of resistance to sulphonamides.

Polycores. By R. Debré. (Pp. 126. 215 francs.) Paris: G. Doin. 1947.

A clinical account of certain metabolic disorders.

Nouvelles Techniques de Traitement des Fractures. By H. Godard and R. Michel-Bechet. (Pp. 406. 1,500 francs.) Paris: G. Doin. 1948.

The authors describe their methods of diagnosis and treatment of fractures.

Modern Methods of Amputation. By E. Vasconelos. (Pp. 253. 61s. 6d.) Bognor Regis: John Crowther. 1945.

A practical account of amputation, with many illustrations.

Die Sauna. By Dr. Med. V. R. Ott. (Pp. 224. 15 Swiss francs.) Basle: Benno Schwabe. 1948.

A general account of the Finnish practice of steam baths.

Whitaker's Almanack, 1948. (Pp. 1,092. Cloth bound, 12s. 6d.; paper bound shorter edition, 7s. 6d.) London: 1948.

New and enlarged edition.

Fantasias del Pensamiento Medico. By E. D. Andia. (Pp. 157. No price.) Buenos Aires: Ferrari. 1947.

A discussion of the relation of man to his environment.

Pathologie des Zones Pulmonaires. By H. Warembourg and P. Graux. (Pp. 141. 380 francs.) Paris: Masson. 1947.

A monograph on "pulmonary zones" in relation to diseases of the lung.

Anatomie Radiologique Normale. By H. Tillier. (Pp. 233. 600 francs.) Paris: G. Doin. 1947.

An account, with many diagrams, of normal human anatomy as shown by x-ray photography.

L'Exploration de la Fonction Respiratoire. By J. Arnaud et al. (Pp. 317. 425 francs.) Paris: Masson. 1947.

A review of the literature, intended for the clinician.

Perhaps he will be generally remembered for his fine balance of judgment; the pros and cons were so carefully weighed that he never jumped at a conclusion, and thus, as an expert witness, his testimony was valued by the court. An old member of the Authors' Club, he met and held as friends contemporary writers. He was a modest man and he never spoke evil of any, and eulogized others' attainments.—F. H. E.

Mr. ARTHUR NORMAN HOOPER died in Kirkcudbright on March 23, after a short illness, at the age of 59. He was educated at Mill Hill School and at Cambridge, where he graduated in 1920, taking the F.R.C.S. in the same year. He served in France in the R.A.M.C. in the 1914-18 war, and afterwards started in general practice in Caversham, near Reading. Within a few years, through his outstanding ability and unremitting care for his patients, he built up a large practice. In 1924 he was appointed surgical registrar to the Royal Berkshire Hospital and served the hospital subsequently as honorary surgeon and gynaecologist until his retirement in 1946. He was secretary of the Reading Division of the British Medical Association for nine years. He was good at all ball games and keen on all outdoor sport, but seldom had time to indulge in games except when on holiday. He never spared himself, and during the last war, when surgeons were so much needed, he undoubtedly wore himself out. His quiet, retiring nature and his amazing fund of sympathy endeared him to all.—E. V. B.

Dr. W. P. S. Branson writes: May I supplement your formal notice of the death of JOHN WILFRED NUNN (March 13, p. 526) with a few lines of affectionate reminiscence. Gay, warm-hearted, lovable—how faithfully do these gracious adjectives reflect the man and his infinite capacity for endearing himself, and how well did we all learn this who served with "Monkey Nunn" at the Duchess of Westminster Hospital at Le Touquet during the first world war. His small, light frame and springy step seemed expressly designed to further a natural aptitude for sports, especially lawn tennis and cricket. He was, besides, the lucky owner of a delightful baritone voice and had a facility for the stage which made him, out of hours, a precious possession for patients and unit alike; while all his professional ministrations were warmed and vivified by the friendly heart behind them. He was the kind of man who could not fail to be, as all the best among general practitioners are bound to be, part protector and part priest to the patients upon whom he spent himself, and his memory will be safely housed in many abiding places.

Dr. W. Stanley Sykes writes: About thirteen years ago I was Dr. PERCY LUND POLLARD'S anaesthetist for eighteen months. He was a G.P., a panel doctor, and he would come into the Royal Halifax Infirmary and do operating lists of major surgery. His range was very wide. It was nothing unusual for him to do a cholecystectomy, a hysterectomy, a prolapse, and an orthopaedic case in a morning's list. He was an astonishingly good surgeon—and my standard of comparison was a high one, for at that time I was giving anaesthetics for Lord Moynihan and for several other whole-time surgeons of repute. I would like to pay my tribute to a very talented and competent man.

Medico-Legal

CUMULATIVE INJURIES AT WORK

[FROM OUR MEDICO-LEGAL CORRESPONDENT]

The Court of Appeal recently considered another of those difficult cases in which a workman claimed compensation for an injury which had developed gradually. The Workmen's Compensation Acts speak of personal injury by accident arising out of or in the course of the employment. Does this apply to a condition which is due to the employment but has taken so long to make itself felt that it cannot be said to have been caused by an "accident" in any ordinary use of the term? The courts, always anxious to apply the Acts beneficially to the workman, have often ruled that it can so apply.

A typical example was in the case,¹ heard not long ago, in which the workman had been employed to hold a vibrating electrical tool tightly in the left hand, and had eventually suffered from Raynaud's disease. The court said that each vibration was an infinitesimal blow to the hand and arm, transmitted to the nerves, causing an infinitely small damage

to their tissues, and in the end cutting off the flow of blood needed to keep the hand in a healthy condition. The mere fact that the breakdown did not occur until the cumulative effect of the tiny blows from the vibrations produced a certain degree of alteration in the nerves did not affect the character of the cause.

In the latest case² a workman who habitually used a pneumatic drill in a mine developed an inguinal hernia. A doctor called by the employing firm maintained that a hernia appearing for the first time was always accompanied by pain, and this workman had felt none. He admitted, however, that any intra-abdominal pressure must tend to aggravate a hernia, and that every time the man used the machine there would be a slight aggravation of the condition. The county court judge rejected the man's claim, saying that in many years of experience the burden of proof which he had required had been that the hernia must be shown to have protruded simultaneously with some effort by the workman. There had not been the usual severe physical pain, and he rejected the evidence of the two doctors, one for the workman and one against him, that the use of the machine had contributed to the onset of the hernia, as it was merely a matter of their opinion and was contrary to the volume of medical evidence he had had in previous cases.

The Court of Appeal held that the judge was not entitled to reject uncontradicted evidence in the case before him in favour of other evidence given in other cases. A physiological injury or change occurring in the course of a man's employment as the cumulative effect of a number of personal injuries was an injury by accident arising out of the employment, and the judge could have come to no other reasonable conclusion but that the workman was entitled to compensation.

¹ *Fitzsimons v. Ford Motor Co.*, 1946, 1 All E.R., 429.

² *Hughes v. Lancaster Steam Coal Collieries*, 1947, 2 All E.R., 556.

Universities and Colleges

UNIVERSITY OF OXFORD

A Radcliffe Fellowship has been awarded to J. M. Kenneth Marsh, B.M., B.Ch. He will spend at least one year in the United States of America.

UNIVERSITY OF CAMBRIDGE

The following medical degrees were conferred on March 13:

M.D.—P. E. C. Manson-Bahr, R. D. S. Rhys-Lewis.

M.CHIR.—*R. N. Jones.

M.B., B.CHIR.—*R. J. Dickson, *J. H. Inskip, *P. A. S. Hargrove.

* By proxy.

UNIVERSITY OF EDINBURGH

A series of lectures entitled "The Wider View of Medical History" will be delivered by Dr. Douglas Guthrie in the Physiology Classroom of the University on Tuesday, April 13, and Mondays, April 19 and 26, May 3, 10, 24, and 31, and June 7 and 14, at 5 p.m. The lectures are free to all matriculated students, staff, and graduates of the University and are open to others on payment of a fee of 10s. in lieu of matriculation. Details will be published in the diary column of the *Journal* week by week.

UNIVERSITY OF DUBLIN

SCHOOL OF PHYSIC, TRINITY COLLEGE

At a recent examination the following medical practitioners were awarded the Diploma in Gynaecology and Obstetrics: Rose Allos, J. A. Beggs, M. Chaudhury, J. Cohen, R. K. Das, L. Halder, S. R. Hing, K. M. Issa, A. Joffe, A. K. Kantarjian, C. M. Meyer, A. M. Porter, N. Ramadhani, E. Sheehan, S. M. Shukry, A. Skowron, E. M. Slattery, N. Sobhi, C. F. van den Steen, M. Stein, I. Youakim.

UNIVERSITY OF LONDON

On Feb. 19 the degree of Ph.D. in the Faculty of Medicine (non-clinical) was awarded to C. J. Hackett, M.D. (London School of Hygiene and Tropical Medicine).

Bernard Halley Stewart, M.D., and Hugh Alexander Dunlop, M.Sc., M.D., F.R.C.P., have been appointed Fellows of King's College.

The following members of the Senate have been appointed as members of Regional Hospital Boards under the National Health Service Act, 1946: *North-West*, Dr. G. B. Jeffery. *South-West*, Dr. Edith C. Baths and Mr. P. H. Mitchiner. *South-East*, Mr. J. B. Hunter and Mr. S. J. Worsley. The following representatives proposed

by the medical schools have been appointed: *North-West*, Dr. H. W. C. Vines (Charing Cross), Dr. H. E. A. Boldero (Middlesex), Miss Katherine G. Lloyd-Williams (Royal Free), Dr. D. H. Brinton (St. Mary's), and Prof. S. J. Cowell (University College Hospital). *North-East*, Prof. S. P. Bedson (London) and Dr. G. Graham (St. Bartholomew's). *South-West*, Mr. M. F. Nicholls (St. George's) and Mr. G. H. Macnab (Westminster). *South-East*, Dr. E. R. Boland and Lord Cunliffe (Guy's).

Prof. J. M. Mackintosh, M.D., F.R.C.P., has been appointed representative of the University at the Health Congress of the Royal Sanitary Institute to be held at Harrogate from May 24 to 28.

The following have been recognized as Teachers of the University in the subjects indicated in parentheses: *University College*, Dr. Mary F. Lockett (Pharmacology). *St. Bartholomew's Hospital Medical College*, Dr. F. T. Evans (Anaesthetics). *Guy's Hospital Medical School*, Dr. P. A. I. Gorer (Experimental Pathology). *St. Thomas's Hospital Medical School*, Dr. C. T. Maitland (Public Health). *Middlesex Hospital Medical School*, Dr. B. R. M. Johnson (Anaesthetics); Dr. M. Kremer (Medicine (Neurology)). *St. Mary's Hospital Medical School*, Dr. A. B. Anderson (Chemical Pathology). *Westminster Hospital Medical School*, Mr. D. W. Ashcroft (Otorhino-Laryngology). *Royal Free Hospital School of Medicine*, Dr. Florence Louis (Morbid Anatomy). *University College Hospital Medical School*, Dr. W. Bentley Purchase (Forensic Medicine). *London School of Hygiene and Tropical Medicine*, Dr. David Long (Bacteriology and Immunology).

The following appointments at the Grant Medical College, Bombay, have been approved for the purposes of the M.D. examination, Branch II (Pathology): Assistant professor of pathology; assistant professor of bacteriology; clinical pathologist; resident pathologist.

UNIVERSITY OF MANCHESTER

The following candidates have been approved at the examination indicated:

D.P.M.—*Part I*: N. P. Chamarette, N. A. Cohen, H. S. Coulsting, Barbara M. Dick, J. H. Kahn, M. M. Macrae, W. V. Wadsworth.

UNIVERSITY OF LIVERPOOL

The following candidates have been approved at the examination indicated:

M.Ch.ORTH.—R. C. Anderson, K. T. Dholakia.

UNIVERSITY OF LEEDS

The following candidates have been approved at the examinations indicated:

M.D.—R. Goldberg, H. S. Klein (with distinction), Henriette Lackner, A. A. Smith, Elizabeth M. Stokes.

FINAL M.B., Ch.B.—*Part III (Medicine, Surgery, Obstetrics and Gynaecology, Therapeutics)*: *J. R. Bowker, *E. W. Green, *Kathleen Scott, *J. H. Shoesmith, *D. M. Williamson, N. V. Addison, T. Barker, Jeanne E. Boocock, Josephine J. Borman, J. D. Brackenridge, Elizabeth J. Brick, J. V. Chippindale, A. N. G. Clark, J. M. A. Critchley, Ilene I. Dunn, J. P. Falkingham, R. D. Haigh, R. I. M. Hepworth, R. High, T. B. Hogarth, A. J. Levine, T. K. Marshall, A. T. Merson, Joy A. R. Peniston, Sheila M. W. Pittock, M. S. Salinsky, D. M. Serr, W. M. Sutcliffe, K. H. Sykes, J. S. Washington, Isobel V. Watson, A. R. Webster, W. Wintersgill, Dorothy L. Wood. *Part I (Pathology and Bacteriology, Pharmacology)*: Norah E. Allen, Eileen Atkinson, R. S. Colwyn, E. L. Copley, Frances M. Cottam, Vivienne D'Andria, Ida J. Dawson, Sheila F. Dawson, J. H. DeGraeve, Audrey M. Emmerson, Edith Faulkner, G. V. Firth, W. P. Goodyear, N. S. Green, Patricia C. Jowett, H. N. Lewis, J. E. Miller, J. M. Pencheon, Cynthia M. Perlman, K. Platts, T. P. S. Powell, Elizabeth Pryce-Jones, P. J. Reynolds, J. Sagar, D. J. Scarlett, R. C. Spencer, Valerie A. M. Staunton, Doreen Steinbrecher, D. J. Stephens, Joyce M. Teasdale, P. W. Vallow, D. A. Ward, Jean M. Watson, Sheila M. Webster, J. S. Whiteley, Margaret Winton.

* With second-class honours.

The following scholarships, prizes, and medals have been awarded: *Medical Scholarship*, Betty Standeven. *Infirmity Scholarship and Littlewood Prize in Anatomy*, R. G. Burwell. *Hardwick Prize in Clinical Medicine*, Sheila M. W. Pittock. *Edward Ward Prize in Surgical Anatomy and McGill Prize in Clinical Surgery*, E. W. Green. *Waddington Prize in Anatomy*, G. Cust. *Birkett Prize*, Suzette M. Mettrick.

UNIVERSITY OF SHEFFIELD

The following appointments were made at a meeting of the University Council on March 19: *Lecturer in Child Health*, Spyros Doxiadis, M.D. *Assistant Lecturer in Physiology*, G. Wiseman, M.B., B.S. *Research Assistant in the Department of Pharmacology and Therapeutics*, A. G. Macgregor, M.B., Ch.B., M.R.C.P., F.R.F.P.S. *Demonstrator in Anatomy*, A. H. Morris, M.B., Ch.B.

The honorary degree of Doctor of Laws will be conferred on the Rt. Hon. Viscount Addison of Stallingborough, K.G., P.C., M.D., F.R.C.S., on July 2, on the occasion of the installation of the Rt. Hon. the Earl of Halifax as Chancellor of the University.

The following candidates have been approved at the examinations indicated:

M.D.—R. T. Gaunt.
M.B., Ch.B.—*E. J. Clegg, *D. A. J. Tyrrell, Mary Austin, Margaret E. J. Bolsover, Barbara Briggs, E. Evans, Joan Ford, R. Harrison, J. A. Howarth, B. Humphries, Peggy C. Neill, Margaret M. Platts, Kathleen E. S. Pringle, O. H. Simms, C. M. Sutherland, V. C. H. Tyson, J. W. Warboys.

* With second-class honours.

ROYAL COLLEGE OF PHYSICIANS OF LONDON

A series of 29 lectures in general medicine will be given at the College (Pall Mall East, S.W.), on various dates from May 3 to June 25, at 5 p.m. each day. The inclusive fee for the course is £7 7s. and the total entry limited to 200. The fee must be received at the College by April 19.

ROYAL COLLEGE OF SURGEONS OF ENGLAND

Faculty of Anaesthetists

At the request of the Association of Anaesthetists of Great Britain and Ireland, the College, acting under the powers granted in the new Supplemental Charter, has formed a Faculty within the College for those devoting themselves to the science and practice of anaesthetics.

The Faculty is governed by a Board, the members of which are as follows: Dr. A. D. Marston, Dean, Dr. Bernard Johnson, Vice-Dean, Dr. I. W. Magill, Dr. E. S. Rowbotham, Dr. C. Langton Hewer, Dr. R. E. Pleasance, Dr. W. Alexander Low, Dr. Frankis T. Evans, Dr. John Gillies, Prof. R. R. Macintosh, Dr. J. H. Challis, Dr. George Edwards, Dr. Katherine G. Lloyd-Williams, Dr. B. L. S. Murtagh, Dr. A. H. Musgrove, Dr. H. J. Brennan, Dr. Vernon F. Hall, Dr. R. F. Woolmer, Dr. G. S. W. Organe, Dr. T. Cecil Gray, Dr. E. A. Pask, with Sir Alfred Webb-Johnson, President of the College, and Sir Cecil Wakeley and Mr. L. E. C. Norbury, Vice-Presidents of the College, as *ex-officio* Members.

The Board held its first meeting on March 24, when future policy was discussed. It was decided to grant a Fellowship of the Faculty (F.F.A., R.C.S.) to those achieving distinction in the specialty. A dinner was held in the evening to celebrate the founding of the Faculty.

ROYAL COLLEGE OF SURGEONS IN IRELAND

J. B. Dunlop and P. J. van Miert have received the Fellowship of the College.

ROYAL COLLEGE OF OBSTETRICIANS AND GYNAECOLOGISTS

Through the generosity of the Leverhulme Trust the Council of the College is in a position to grant two scholarships of £500 a year each, renewable for a second and third year, for the purposes of research into problems connected with obstetrics and/or gynaecology. The scholarships may be held simultaneously with another appointment if, in the opinion of the Council, sufficient time is available for research. Regulations governing these grants and forms of application can be obtained from the secretary, 58, Queen Anne Street, London, W.1. The last day for receiving applications on the prescribed form is July 1.

A postgraduate course of advanced lectures for those studying the special practice of obstetrics and gynaecology will be given in the College House (58, Queen Anne Street, London, W.) from Monday, April 19, to Friday, April 23, both dates inclusive, at 12 noon and 5 p.m. each day. The fee for the course of ten lectures is £4 4s. (10s. 6d. for a single lecture). Admission is by ticket only, obtainable from the secretary.

The Services

The King of Norway has conferred the following decorations in recognition of distinguished services in the cause of the Allies:

Commander with Star of the Royal Order of St. Olav.—Major-General D. T. Richardson, M.C., K.H.S., R.A.M.C.

King Haakon VII Liberty Cross.—Major-General J. A. Manifold, C.B., D.S.O., K.H.P., Brigadier (local) D. C. Monro, C.B., C.B.E., K.H.S., Colonel E. B. Allnutt, C.B.E., late R.A.M.C.; Colonels (temporary) F. A. Bearn, C.B.E., D.S.O., M.C., and E. I. B. Harvey, D.S.O., and Major (temporary) J. N. MacArtney, M.B.E., R.A.M.C.

King Haakon VII Liberty Medal.—Lieutenant-Colonel (temporary) G. M. Robertshaw, and Lieutenant R. W. Major, M.C., R.A.M.C.

Colonels I. G. W. Hill, O.B.E., T.D., and R. A. Lennie, T.D., have been appointed Honorary Colonels of No. 2 (Sc) General Hospital and No. 4 (Sc) General Hospital, respectively.

NAVAL MEDICAL COMPASSIONATE FUND

A meeting of the subscribers of the Naval Medical Compassionate Fund will be held at the Medical Department of the Navy, Queen Anne's Mansions, St. James's Park, London, S.W., on Friday, April 23, at 3 p.m., to elect six directors of the fund.

Wednesday

INSTITUTE OF LARYNGOLOGY AND OTOTOLOGY, 330, Gray's Inn Road, London, W.C.—April 14, 10 a.m. "The Treatment of Cardiospasm," by Mr. J. D. McLaggan.

ROYAL INSTITUTE OF PUBLIC HEALTH AND HYGIENE, 28, Portland Place, London, W.—April 14, 3.30 p.m. "The Opportunities of the School Medical Officer" (Illustrated), by Dr. R. E. Smith.

ROYAL SANITARY INSTITUTE.—At 90, Buckingham Palace Road, London, S.W., April 14, 2.30 p.m. "The Hygiene of the Preparation, Storage, and Distribution of Food." Symposium by members of L.C.C. staff. Paper to be read by S. G. Burgess, Ph.D.

Thursday

ROYAL COLLEGE OF PHYSICIANS OF LONDON, Pall Mall East, S.W.—April 15, 5 p.m. Lumsden Lecture: "Clinical and Social Problems of Epilepsy," by Dr. F. J. Nattrass.

BRITISH INSTITUTE OF RADIOLOGY.—At Reid-Knox Hall, 32, Welbeck Street, London, W., April 15, 8 p.m. Twenty-fifth Mackenzie Davidson Memorial Lecture: "... the Future comes apace, what shall defend the interim ..." (Timon of Athens), by Sir E. Rock Carling.

CHADWICK TRUST.—At University College, London (The Architectural Theatre), Gower Street, W.C., April 15, 2.30 p.m. "The Sanitation of Buildings," Bossom Gift Lecture by Thomas Ritchie, F.R.I.B.A., A.M.T.P.I.

EDINBURGH ROYAL INFIRMARY.—April 15, 4.30 p.m. Honyman Gillespie Lecture: "Congenital Heart Disease," by Dr. A. Rae Gilchrist.

ROYAL PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN: SCIENTIFIC AND TECHNICAL GROUP, 16, Prince's Gate, London, S.W.—April 15, 7 p.m. "Speed and Contrast from the Standpoint of the Radiographer," by H. S. Tasker, M.A., B.Sc.

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE.—At 26 Portland Place, London, W., April 15, 7.30 p.m. "Diseases of Tropical Origin as Seen in Captive Wild Animals," by Dr. R. E. Rewell. A discussion will follow.

Friday

BRITISH INSTITUTE OF RADIOLOGY.—At Reid-Knox Hall, 32, Welbeck Street, London, W., April 16, 8 p.m. Twenty-seventh Sylvanus Thompson Memorial Lecture: "The Structure of Biological Tissues as revealed by X-ray Diffraction Analysis and Electron Microscopy," by Prof. W. T. Astbury, Sc.D., F.R.S.

FACULTY OF RADIOLOGISTS.—At Royal College of Surgeons, Lincoln's Inn Fields, London, W.C., April 16, 2.30 p.m. Diagnosis Section Meeting: "Acute Mechanical Obstruction of the Small Bowel—Correlation of Roentgenological and Operative Findings," by Dr. Jack Spencer (Maine, U.S.A.).

ROYAL INSTITUTE OF PHILOSOPHY.—At University Hall, 14, Gordon Square, London, W.C., April 16, 5.15 p.m. "Philosophy and Personal Commitment," by Prof. J. W. Harvey.

APPOINTMENTS

DUNDEE ROYAL INFIRMARY.—Honorary Surgeon: Walter Gordon Campbell, Ch.M., F.R.C.S. Honorary Assistant Visiting Surgeon: James Shirling Kinnear, F.R.C.S.Ed.

Mr. Campbell graduated at the University of St. Andrews in 1929, after taking his L.D.S. in 1928. He obtained the degree of Ch.M. in 1943, with commendation for a thesis on "Physiological Rest and Relief of Pain." He served in the R.N.V.R. before and during the recent war, holding the rank of surgeon lieutenant-commander, and he has published papers on the treatment of ankle fractures and the role of the sympathetic nervous system in segmental pain.

Dr. Robert A. Cumming, M.B., Ch.B., has been appointed to the joint position of Regional Director (S.E. Scotland) of the Scottish National Blood Transfusion Association and Director of the Association's Central Depot (Eastern Area) at Edinburgh, in succession to the late Dr. Douglas A. C. McRae.

Dr. Cumming qualified at Aberdeen in 1933, and until recently was acting as Government pathologist and professor of pathology in the King Edward VII College of Medicine, Singapore. From 1935 to 1938 he held a commission in the R.A.F. Medical Service, acting as pathologist to the Royal Air Force General Hospital in Iraq, and later joined the Colonial Medical Service's Department of Pathology at Singapore. Rejoining the Royal Air Force in November, 1941, Dr. Cumming acted as senior medical officer and later as pathologist in Java, until taken prisoner by the Japanese in 1942. He worked as a prisoner-of-war on the Siam-Burma railway until his release, and in April, 1946, was appointed professor of pathology at Singapore.

LOWE, J. J. H., M.D., M.R.C.P., D.P.M., Regional Psychiatrist, Leeds Regional Hospital Board.

Dr. Lowe qualified at Durham in 1931 and proceeded M.D. in 1935, taking the M.R.C.P. of both London and Edinburgh the following year. He has held appointments as Regional Hospital Officer of the Ministry of Health, and Medical Officer to H.M. Prison, Wandsworth, and has published papers on the psychology of rumour and evacuated difficult children.

David Brown, M.B., Ch.B., has been appointed to the Liverpool Regional Hospital Board.

John Alexander Scott, O.B.E., M.D., D.P.H., has been appointed Deputy Medical Officer of Health to the London County Council.

AITKEN, J. M., M.B., Ch.B., D.P.H., Medical Officer of Health, Perth.

ANDERSON, A. S. K., D.S.O., M.C., M.B., Ch.B., D.P.H., to be Vice-chairman of the Yarmouth Executive Council of the National Health Service, in place of the late Mrs. E. K. Hill.

BLAKE, H. ELLIOTT, F.R.C.S., Honorary Plastic Surgeon, Royal Alexandra Hospital for Sick Children, Brighton.

BRADSHAW, D. B., M.B., B.Ch., D.P.H., Deputy Medical Officer of Health and Deputy Schools Medical Officer, Leeds.

CHESTER ROYAL INFIRMARY.—Visiting appointments. Consultant Physician: George A. Kiloh, M.D., M.R.C.P. Consultant Dermatologist, J. H. Twiston Davies, M.B., B.Chir. Consultant in Thoracic Surgery, H. Morrison Davies, M.D., M.Ch., F.R.C.S. Consultant in Neurosurgery, A. Sutcliffe Kerr, F.R.C.S.

CULLEY, A. R., M.D., D.P.H., Medical Member, Welsh Board of Health, Cathays Park, Cardiff, in succession to Dr. T. W. Wade.

FRIEL, WILLIAM RALPH NICHOLSON, M.B., Ch.B., Full-time Medical Officer to Birmingham Gas Department.

GRIFFITH, J. VAUGHAN, L.R.C.P.&S.Ed., Examiner to North-West Division, First Aid Competitions of the National Coal Board.

MACKAY, ROBERT I., M.R.C.P., D.C.H., Visiting Honorary Assistant Physician, Duchess of York Hospital for Babies, Burnage Lane, Levenshulme, Manchester.

NICHOLSON, N. J., M.B., Ch.B., F.R.C.S.Ed., Consulting Surgeon, Lindsey County Council.

PARK, JOHN, M.B., Ch.B., Medical Superintendent, Falkirk and District Royal Infirmary.

ROBERTS, G. J., M.D., D.P.H., Medical Officer, Welsh Board of Health, Cathays Park, Cardiff.

TAUNTON AND SOMERSET HOSPITAL.—Assistant Ophthalmic Surgeon, K. J. Higham, M.B., B.S., D.O.M.S. Second Radiologist, M. McAlley, L.R.C.P.&S.Ed., D.M.R.

UNIVERSITY OF CAMBRIDGE.—The following appointments in the University are announced: D. Russell-Davis, M.D., Lecturer in Psychopathology, for three years from Jan. 1; J. W. Millen, M.D., Demonstrator in Anatomy, and B. M. Herbertson, M.B., B.S., Demonstrator in Pathology, both for three years from Oct. 1; M. M. Wilson, M.B., B.Chir., Demonstrator in Pathology, for five years from Oct. 1.

WILLIAMS, E. L., M.R.C.S., L.R.C.P., Deputy Medical Superintendent, Cleaver Sanatorium, Heswall, Cheshire.

BIRTHS, MARRIAGES, AND DEATHS

BIRTHS

Clark.—On March 28, 1948, at Edinburgh, to Mary Rose (née Harris), wife of Dr. David Clark, a daughter—Pamela Ann.

Grove.—On March 25, 1948, at Hunstanton, to Helen, wife of William S. Grove, M.B., B.Ch., a daughter.

MARRIAGE

Kelsall-Miller.—On March 24, 1948, at Glasgow, Alan Robert Kelsall, M.D., M.R.C.P., to Margaret Hay Miller, M.B., Ch.B.

DEATHS

Barron.—Recently, Norman James Barron, M.B., Ch.B.

Bruce.—On March 19, 1948, at Edinburgh, Robert Bruce, M.B., Ch.B.Ed., late of 14, Rankeillor Street, Edinburgh.

Campbell.—On Easter Day, 1948, at The Laurels, Cupar, Fife, William Graham Campbell, LL.D., M.B., C.M.Ed., aged 84.

Coode.—On March 23, 1948, Claude Lionel Coode, B.M., B.Ch.

Douglas.—On March 19, 1948, at Aberdeen, Robert Douglas, M.D.Glas., aged 76.

Evans.—Recently, Richard Cyril Stephen Evans, M.R.C.S., L.R.C.P., D.P.H.

Forde.—On March 27, 1948, at Worthing, Robert Michael Forde, L.R.C.P.&S. and L.M.Ed., late P.M.O., Sierra Leone.

Garland.—On March 19, 1948, at Brighton, Geoffrey Garland, M.R.C.S., L.R.C.P., aged 59.

Geffen.—On March 24, 1948, at 2, Frogna, N.W., Max Geffen, M.R.C.S., L.R.C.P., D.P.H.

Hooper.—On March 23, 1948, at Bells Barns, Kirkcudbright, Arthur Norman Hooper, F.R.C.S., aged 59.

Hunter.—On March 26, 1948, at 8, Queensborough Gardens, Glasgow, Alison Mary Hunter, M.B., Ch.B.Glas., F.R.C.O.G.

Johnston.—On March 23, 1948, William Henry Johnston, L.R.C.P.&S. and L.M., of 150, Junction Road, Tufnell Park, N.

Kirton.—On Feb. 20, 1948, Martin Ainger Kirton, M.R.C.S., L.R.C.P., formerly District Surgeon, Durban, South Africa.

Lawrence.—On March 20, 1948, John Hereward Lawrence, M.B., B.S., D.P.H., aged 37.

MacGill.—On March 19, 1948, at Stockport, Andrew Maxwell MacGill, M.B., Ch.B., aged 47.

Morton.—On March 19, 1948, William Andrews Morton, M.D., of Brendan House, Birr, King's Co.

Murison.—On March 26, 1948, Alexander Logan Murison, M.R.C.S., L.R.C.P., of 389, Portland Road, West Hove, Sussex, aged 76.

Peebles.—On March 26, 1948, at a nursing home, Edinburgh, Alexander Spalding Mackie Peebles, M.D.Ed., Lieutenant-Colonel, I.M.S., retired.

Ratcliff-Gaylard.—On March 22, 1948, at West Herts Hospital, Hemel Hempstead, Herts, James Ratcliff-Gaylard, M.D., Officer of the Order of St. John of Jerusalem, aged 86.

Rendel.—On March 17, 1948, at 8, Ennerdale Road, Kew Gardens, Richmond, Arthur Bowen Rendel, M.B., B.Ch., late of Penlee, Postbridge, Dartmoor, S. Devon, aged 85.

Reynell.—On March 21, 1948, Walter Rupert Reynell, M.D., F.R.C.P., of 30, Springfield Road, London, N.W., and 87, Harley Street, London, W.

Rhind.—Recently, Ian Mitchell Rhind, M.B., Ch.B.Aberd.

Robinson.—On March 15, 1948, at Gordon Hospital, Westminster, James Herbert Robinson, M.R.C.S., L.R.C.P., Lieutenant-Colonel, R.A.M.C., retired.

Stratford.—On March 27, 1948, very suddenly, at Franchise Farm House, Burwash, East Sussex, Howard Martin Stratford, F.R.C.S.Ed.

Wild.—On March 21, 1948, at Choisi, Guernsey, Henry Sydney Wild, M.R.C.S., L.R.C.P., aged 79.