

the author's view, not only a technique possessing great practical advantages but "by far the most potent and decisive instrument for the application of psycho-analytic experience on a broader scale." Now the increasing demands of the National Health Service force all who are engaged in out-patient psychotherapy to consider whether they should begin to use time-saving group methods.

The techniques described in this book apply psycho-analytic theory to group situations. The conductor of the group corresponds to the analyst, and the analysis of relations within the group is akin to the analysis of the transference in the psycho-analytic situation. It is not necessary, however, to be a psycho-analyst to apply the method; indeed, it may be a disadvantage, because Dr. Foulkes is of the opinion that a good analyst does not always make a good group therapist. With the help of this book anyone with moderate experience of individual therapy can make a start, and since the responsibility is carried by the group as a whole an inexperienced therapist is likely to do less damage than in attempting therapy with individuals. Training of group leaders is also easy, since they can be incorporated as members of the group and receive practical instruction without the necessity of prolonged personal analysis.

Other books have described didactic and directive methods of treatment, more in the nature of mass than group therapy. Dr. Foulkes's approach will be of greater interest to those with experience of psycho-dynamics and a knowledge of psycho-pathology. The writing is at times diffuse and the argument difficult to follow, disadvantages which are inevitable in a work which breaks new ground and in which the formulations are bound to be tentative rather than definitive.

T. FERGUSON RODGER.

ADVANCES IN BIOCHEMISTRY

Fortschritte der Biochemie 1938-1947. By F. Haurowitz. (Pp. 364. 40 Swiss francs.) Basle: S. Karger. 1948.

Professor Haurowitz, who occupied the chair of physiological chemistry at the University of Istanbul, was in a unique position during the recent war to follow new developments in biochemistry. His observations are summarized in this well-balanced review for German-speaking medical men, chemists, and biologists (*Advances in Biochemistry, 1938-47*), which contains over 2,200 selected references to original literature.

Progress in biochemistry during the last ten years has been characterized by the greater use of physico-chemical techniques. This development has been fully appreciated by Professor Haurowitz, who has devoted his opening chapter to an account of stable and radioactive isotopes; in later chapters he refers repeatedly to their uses. Other physico-chemical techniques, such as the ultracentrifuge, electrophoresis, and chromatography, are adequately described. A chapter on thermodynamics and kinetics introduces a feature that is new to books on biochemistry, but it is suggestive of the way in which the subject is likely to develop during the next few years. Professor Haurowitz's book covers the whole field of classical biochemistry but is hardly likely to appeal to English-speaking medical men who have access to publications such as *Annual Reviews of Biochemistry*. The high quality of the printing and binding is a credit to the Swiss publishers.

J. E. PAGE.

Skull, Sinuses, and Mastoids. A Handbook of Roentgen Diagnosis. by Barton R. Young, M.D. (pp. 328; illustrated. £1 16s. Chicago: Year Book Publishers Inc. London: H. K. Lewis and Co.), is the latest addition to the "Handbook" series. From the radiologist's point of view it is well worth the dollars we spend on it. The book is divided into three parts—on the skull, the sinuses, and the mastoids. In the skull section, ventriculography and encephalography are deliberately omitted, but every abnormality, common or rare, which can be detected by routine radiography is succinctly described and beautifully illustrated. The section on the sinuses and mastoids is still better. Too few radiologists have an opportunity for specialized study of these regions, and too many of our reports are vague references to thickened lining membrane and loss of translucency. Dr. Young not only shows what contribution the radiologist can make to the diagnosis of sinusitis and mastoiditis, but describes and illustrates it excellently. This is a most useful little book, and Parts II and III should be compulsory reading for all radiologists.

BOOKS RECEIVED

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

Lawson Tait. By I. Harvey Flack, M.D. (Pp. 148. 17s. 6d.) London: William Heinemann. 1949.

A Survey of the British Pharmacopoeia, 1948. (Pp. 79. 5s. 6d.) London: The Pharmaceutical Press. 1949.

A History of Oto-Laryngology. By R. Scott Stevenson, M.D., F.R.C.S.Ed., and D. Guthrie, M.D., F.R.C.S.Ed. (Pp. 155. 17s. 6d.) Edinburgh: E. and S. Livingstone. 1949.

Proceedings of the National Conference of Social Work, 1948. (Pp. 498. 32s. 6d.) London: Geoffrey Cumberlege. 1949.

Clinical Methods. By Sir R. Hutchison, Bart., M.D., LL.D., F.R.C.P., Donald Hunter, M.D., F.R.C.P., and R. R. Bomford, D.M., F.R.C.P. 12th ed. (Pp. 484. 17s. 6d.) London: Cassell. 1949.

Traité des Fractures des Membres. By H. Judet, J. Judet, and R. Judet. 3rd ed. (Pp. 405. 2,900 francs.) Paris: Librairie Maloine. 1948.

Les Dyskinésies Biliaires. By J. Caroli and M. Mercadier. (Pp. 78. No price.) Paris: Vigot. 1949.

Krämpfe im Kindesalter. By H. Zellweger. (Pp. 195. 18 Swiss francs.) Basle: Benno Schwabe. 1948.

Greek Science: Theophrastus to Galen. By B. Farrington. (Pp. 181. 1s. 6d.) Harmondsworth: Penguin Books. 1949.

The Psychology of Sex. By O. Schwarz. (Pp. 296. 1s. 6d.) Harmondsworth: Penguin Books. 1949.

Medical Manual. By W. R. Feasby, B.A., M.D. (Pp. 162. 12s. 6d.) London: Geoffrey Cumberlege. 1948.

The Shadow on the Path. By G. Bankoff, M.D., F.R.C.S. (Pp. 207. 12s. 6d.) London: Peter Garnett. 1949.

Pathology of the Nervous System. By J. H. Biggart, C.B.E., M.D., D.Sc. 2nd ed. (Pp. 352. 21s.) Edinburgh: E. and S. Livingstone. 1949.

Pathologie des Kohlehydratstoffwechsels. By E. Frank. (Pp. 342. 24 Swiss francs.) Basle: Benno Schwabe. 1949.

Materia Medica. By W. Hale-White, K.B.E., M.D., LL.D. 28th ed. (Pp. 532. 16s.) London: J. and A. Churchill. 1949.

Studies in Reading. Issued by the Scottish Council for Research in Education. Vol. 1. (Pp. 212. 5s.) London: University of London Press. 1948.

An Evaluation of Selected Schools of Nursing. By H. Nahm. (Pp. 97. 11s. 6d.) London: Geoffrey Cumberlege. 1948.

Elementary Anatomy and Physiology. By J. Whillis, M.D., M.S., F.R.C.S. 3rd ed. (Pp. 296. 16s.) London: J. and A. Churchill. 1949.

Practical Obstetrics. By B. T. Mayes, M.B., B.S., F.R.C.S.Ed., F.R.A.C.S., F.R.C.O.G. (Pp. 306. 45s.) London: George Harrap. 1948.

A Proposito del "Cuore di Guerra." By G. Donati. (Pp. 143. No price.) Rome: Tipografia Regionale. 1946.

Personality Projection in the Drawing of the Human Figure. By K. Machover, Ph.D. (Pp. 181. 17s. 6d.) Oxford: Blackwell Scientific Publications. 1949.

Malignant Disease and its Treatment by Radium. By Sir S. Cade, K.B.E., C.B., F.R.C.S., M.R.C.P. Vol. 2. 2nd ed. (Pp. 430. 52s. 6d.) London: Simpkin Marshall. 1949.

A Method of Anatomy. By J. C. Boileau Grant, M.C., M.B., Ch.B., F.R.C.S. 4th ed. (Pp. 852. 38s. 6d.) London: Baillière, Tindall and Cox. 1948.

Congenital Malformations of the Heart. By H. B. Taussig, M.D. (Pp. 618. 55s.) London: Geoffrey Cumberlege. 1947.

as far as possible be postponed until the committee's recommendations were available. He hoped that the committee would not take very long to survey the field.

Colonel STODDART-SCOTT asked whether Mr. Attlee would extend the inquiry to include the medical service of the Ministry of Pensions and of the Ministry of Education.

Mr. ATTLEE said that would delay a decision which was needed. He agreed that the industrial health services should be preserved. What was needed was to prevent overlapping.

The members of the committee are: Judge E. T. Dale (chairman); Mr. John T. Byrne, Electrical Trades Union; Dr. T. A. Lloyd Davies, Chief Medical Officer, Boots Pure Drug Co.; Mr. R. R. Hyde, Director, Industrial Welfare Society; Dr. Walter Jope; Mr. K. I. Julian, Chairman, South-east Metropolitan Hospital Board; Dame Anne Loughlin, former Chairman, T.U.C.; Mr. J. H. Pheazey, Standard Telephones, Ltd.; Dr. L. Roberts, Medical Officer of Health, Sheffield; Dr. A. T. Rogers; and Sir Geoffrey Vickers, National Coal Board. The joint secretaries of the committee are Mr. F. W. Beek, Ministry of Health, and Mr. C. H. Sisson, Ministry of Labour and National Service.

Policy on Sight Testing

On June 2 Mr. BEVAN stated that sight testing and the supply of spectacles should, as resources allowed, be carried out in hospitals and clinics provided as part of the hospital and specialist service in charge of ophthalmologists, with opticians playing in them their proper professional part. Government policy was unchanged in this regard.

Port Health Regulations

Answering Mr. BOYD CARPENTER on May 26, Mr. BEVAN said he had no power to prevent persons from landing because of infectious disease. The Port Health Regulations, 1933 and 1945, prescribed separately the conditions that, in general conformity with the relevant International Sanitary Convention, could be imposed against plague, cholera, yellow fever, typhus fever, and smallpox. Normally the greatest risk to this country was presented by smallpox. If a ship arrived that had, or had recently had, a case of smallpox on board, any person suffering from the disease was disembarked and isolated. Any person exposed to infection on board, unless in the opinion of the Port Medical Officer that person was sufficiently protected by recent vaccination or by a previous attack of smallpox, could be (a) offered vaccination and placed under surveillance for 14 days; or (b) placed under surveillance for 14 days without vaccination; or (c) offered vaccination and isolated until the result of the vaccination is known, and thereafter kept under surveillance for 14 days from the arrival of the ship; or (d) isolated for 14 days after the arrival of the ship.

Requirements (c) and (d) could not be imposed unless the Port Medical Officer considered that there was exceptionally serious risk of the introduction of smallpox into the country. Mr. Bevan explained that "surveillance" was defined in the International Sanitary Convention to mean that the persons were not isolated but that the health authorities of the places to which they were going were notified of their coming. Port Health Regulations imposed on such persons obligations designed to secure that they could be effectively supervised. He added that he was considering whether any further powers were needed to check the introduction of infectious diseases from overseas.

Chronic Sick in Mental Hospitals

On May 26 Mr. YATES spoke of the inadequacy of existing facilities for the care of the chronic and aged sick in the city of Birmingham, and asked what steps Mr. Bevan proposed to take to improve these facilities.

Mr. BEVAN said, in reply, that the Regional Board had two groups of experts investigating the problem, and would take further action in the light of their reports. Meanwhile, unused beds were being brought into use wherever possible and arrangements made with the local health authority for home nursing.

Mr. YATES said that in the past year more than 90 aged persons, chronically sick, had been admitted to mental hospitals, of whom about 17 had died within a month of admission.

Mr. BEVAN said it should not be assumed that they died because they went to hospital. They were not in the mental hospital as such, but occupied the same physical accommodation as other people. During the war a great deal of the E.M.S. had been housed in separate parts of mental hospitals. He could not accept the statement that old people were certified as mental cases in order to be taken into hospital. That was

a gross and offensive charge against the doctors concerned. As for the statement that a proportion of the patients had died from heart failure, people had died from that cause for millions of years. Members should be ashamed of saying that the doctors and magistrates concerned with certification were certifying old people who were not "mental."

Asked later by Mr. YATES to what extent the Birmingham mental hospitals were understaffed, Mr. BEVAN said that at Winslow Green Hospital the deficiency of female nursing staff was 28% and of male 27%. At Rubery Hill the deficiency was female staff 50%, male staff *nil*. Persistent efforts were being made to recruit staff through the Ministry of Labour and by local recruiting campaigns and advertisement.

Universities and Colleges

UNIVERSITY OF CAMBRIDGE

In Congregation on May 28 the following medical degrees were conferred:

M.D.—E. B. Davies, O. B. Appleyard, F. S. Carter.
M.B., B.CHIR.—S. G. A. Forsyth (by proxy).

UNIVERSITY OF LONDON

The following candidates have been approved at the examination indicated:

THIRD M.B., B.S.—¹²B. N. Bailey, ¹³Joyce M. Daws, ¹⁴I. E. Evans, ¹⁵J. E. Fay-¹⁶K. A. Manley, ¹⁷S. Myers, ¹⁸Olive M. Riddle, ¹⁹H. H. Ronn, ²⁰G. Westbury, J. D. Arneaud, Patricia Arnold, R. C. B. Arthur, J. MCP. Ashley, F. R. St. C. Assinder, C. L. Baker, J. H. Ballantyne, J. P. Barham, Rosemary E. Barker, June E. Bartlett, R. W. A. C. Barton, K. L. Batten, D. F. Bedford, Janet B. Bell, B. S. Bendeth, N. G. L. Bennett, Margaret V. Bickerton, S. H. Birchett, J. A. L. Bonnell, E. F. Bowers, T. K. Brandreth, T. B. Brewin, J. G. Brice, J. A. C. Brown, R. MacL. Brown, Ena K. Bruck, J. M. Brudenell, R. Burtles, P. Buri, Maria J. Cahn, June D. Cain, E. J. M. Campbell, K. J. M. Carruthers, R. H. Carruthers, L. S. Carstairs, J. K. Carter, M. J. Catton, D. Charles, B. G. B. Christie, J. Colquhoun, M. B. Comerford, Annette M. L. Constantine, P. B. Cook, G. A. Coombs, W. E. Cooper, R. E. Cotton, K. J. Covell, D. N. Cow, W. H. Craike, I. B. Crawford, June D. Cross, Phyllis A. M. Crozier, Patricia Q. Currie, J. A. Daff, A. J. Davies, Margaret K. Douglas, Romola D. Dunsmore, R. N. Ebbing, D. A. Ellerton, I. L. Evans, I. B. T. Evans, J. H. Evans, H. B. F. Fairley, S. Fernando, Doreen C. Finch, B. L. Finer, Margaret M. F. FitzPatrick, Barbara J. Fleming, P. Flintan, M. O. Forster, A. W. H. Foxell, Yvette A. P. Franklin, P. N. Gai, P. S. Gardner, L. K. Garstin, E. Gellatly, D. D. Gellman, H. J. Giweli, R. W. Glenn, J. E. S. Gould, S. H. Gould, N. D. Gower, A. A. Graham, J. M. Graham, P. J. Grant, J. T. Groves, G. W. Hadfield, M. H. Handoll, R. Handy, M. J. Harman, Josephine Harper, J. W. S. Harris, A. Herxheimer, N. L. Higgins, J. F. Hindle, J. M. Hinton, J. J. B. Hobbs, A. C. S. Hobson, J. P. S. Hodges, H. Hollis, Margaret A. Holroyde, Margaret C. Horder, P. Howard, A. J. C. Hyde, Margaret O. Jago, D. T. R. James, O. James, J. L. Jarvis, D. G. Jenkins, R. L. Jillett, W. Johnson, A. Jones, J. A. B. Jones, J. F. Jones, E. R. Jordan, D. W. Kennard, Sylvia Kershaw, L. C. Kreeger, Ursula M. Kynoch, B. S. Laing, J. M. Lancaster, M. Lauchlan, L. F. Levy, A. J. Lewis, M. J. Linnett, C. J. Lucas, Elizabeth G. S. McDowall, A. E. McLauchlan, A. K. Mant, A. R. C. Margetts, Joan Marshall, M. D. Mehta, G. H. C. Melotte, A. H. Mendoza, G. G. Meynell, L. Michaels, D. D. Miller, Margaret R. Miller, O. T. L. Morgan, D. D. B. Morris, V. C. Morris, M. R. Murley, C. H. Neaves, G. F. Newbold, R. G. Nicholson, K. C. Nyman, P. O. Oliver, K. I. Padget, W. K. Pallister, M. C. Peterside, A. H. Phillips, N. H. Porter, Betty E. Powe, F. J. Powell, D. L. Pryer, Colette L. Raulin, P. A. Reed, H. H. Richards, A. E. Richardson, P. Roberts, Margaret Rogers, F. C. Rose, I. P. Ross, S. S. Rowell, Marian W. Ruscoe, J. L. Russell, A. J. Salmon, K. M. Saunders, P. D. Saville, Muriel J. Scudamore, G. T. Spedley, D. W. Smith, R. W. Smithells, G. J. Sophian, M. H. Southall, Jean P. Spading, G. C. Squires, E. J. Stafford, H. B. Stafford-Kemp, Lorna C. Stanfield, H. Sterndale, J. A. B. Stewart, A. G. I. Stockley, D. Stubington, M. H. Symes, Pamela C. Tatham, A. W. Taylor, B. Taylor, Brenda A. Taylor, G. B. Taylor, J. B. Taylor, E. T. Thomas, K. D. W. Thomas, R. G. Thomas, J. M. Timms, D. O. Topp, Rita D. C. Tozer, J. C. L. Wade, C. S. Ward, Catherine A. Warrick, J. A. G. Watson, J. R. Watson, M. A. Weller, J. H. McN. White, W. Whittingham, D. R. C. Willcox, J. D. Williams, J. L. Williams, Molly T. Williams, F. Wilson, Josephine P. Winter, W. J. Wright, F. R. H. Wrigley.

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

The Services

The Emperor of Ethiopia has conferred the Haile Selassie I Military Medal with one Palm upon Lieutenant-Colonel (Temporary) C. B. Drew, M.B.E., R.A.M.C., in recognition of distinguished services in the cause of the Allies.

The Socialist Medical Association has proposed a syllabus for a two-year basic training in nursing. The emphasis is on practical training rather than on teaching the nurse theoretical knowledge which she may never need to use. Dr. Hugh Gainsborough points out in a foreword that "a nurse does not need to memorize the names of pancreatic enzymes in order to care for a patient suffering from carcinoma of the pancreas." He also advocates postgraduate education for ward sisters.

Golf Competition

The annual competition for the North Manchester Medical Golf Cup will be held at Manchester Golf Club, Hopwood, near Middleton, on June 29. The cup is awarded to the player returning the best net score over eighteen holes. The entrance fee is 7s. 6d. Inquiries should be addressed to Dr. J. A. Strachan, 566, Broadway, Chadderton, Lanes, on or before June 25.

Addison Lecture

The third Addison Lecture will be delivered in the physiology theatre, Guy's Hospital Medical School, London Bridge, S.E., on Thursday, June 23, at 5 p.m., by Sir Henry Dale, O.M., F.R.S., on "Thomas Addison—Pioneer of Endocrinology." The chair will be taken by Sir Herbert Lightfoot Eason, and applications for tickets should be made to the Dean, Guy's Hospital Medical School, London, S.E.1, by Thursday, June 16.

International Congress of Biochemistry

The 1st International Congress of Biochemistry will be held at Cambridge on Aug. 19-25. Information may be obtained from the Honorary Organizer, Lieut-Col. F. J. Griffin, 56, Victoria Street, London, S.W.1. The Congress is in twelve sections: (1) Animal Nutrition and General Metabolism: Chairman, Sir Jack Drummond, F.R.S.; Secretary, Dr. L. J. Harris, Sc.D. (2) Microbiological Chemistry: Chairman, Dr. M. Stephenson, Sc.D., F.R.S.; Secretary, Dr. E. F. Gale, Sc.D. (3) Enzymes and Tissue Metabolism: Chairman, Professor R. A. Peters, F.R.S.; Secretary, Dr. D. M. Needham, Ph.D., F.R.S. (4) Proteins: Chairman, Dr. K. Bailey, Ph.D.; Secretary, Dr. R. R. Porter, Ph.D. (5) Clinical Biochemistry: Chairman, Professor E. J. King; Secretary, Dr. E. N. Allott. (6) Structure and Synthesis of Biologically Important Substances: Chairman, Professor A. R. Todd, F.R.S.; Secretary, Dr. B. Lythgoe, Ph.D. (7) Cytochemistry: Chairman, Professor J. N. Davidson; Secretary, Dr. Charity Weymouth, Ph.D. (8) Biological Pigments: Oxygen Carriers and Oxidizing Catalysts: Chairman, Professor D. Keilin, F.R.S.; Secretary, Dr. E. F. Hartree, Ph.D. (9) Hormones and Steroids: Chairman, Professor F. G. Young; Secretary, Dr. F. L. Warren, Ph.D. (10) Chemotherapy and Immunochimistry: Chairman, Sir Charles Harington, F.R.S.; Secretary, Dr. T. S. Work, Ph.D. (11) Plant Biochemistry: Chairman, Dr. C. S. Hanes, Ph.D., F.R.S.; Secretary, Professor T. A. Bennet-Clark. (12) Industrial Fermentations: Chairman, Mr. H. J. Bunker, M.A.; Secretary, Dr. P. W. Brian, Ph.D.

SOCIETIES AND LECTURES**Monday**

EDINBURGH UNIVERSITY.—At Physiology Lecture Theatre, University New Buildings, Teviot Place, Edinburgh, June 13, 5 p.m., "*The Microscope: Origin and Evolution*," by Dr. Douglas Guthrie.

LONDON: UNIVERSITY COLLEGE.—At Physiology Theatre, Gower Street, W.C., June 13, 4.45 p.m., "*Selective Toxicity with Special Reference to Chemotherapy*," by Professor Adrien Albert.

MEDICAL SOCIETY OF LONDON, 11, Chandos Street, Cavendish Square, W.—June 13, 8.30 p.m., Films: "*The History of the Cinema Film in Medicine*"; "*Angina Pectoris*"; and "*Removal of Foreign Bodies from the Eye*."

Tuesday

INSTITUTE OF UROLOGY.—At St. Paul's Hospital, Endell Street, London, W.C., June 14, (1) 11 a.m., "*Gonorrhoea in the Female*," by Dr. W. N. Mascall; (2) 5 p.m., "*New Growths of the Bladder (Benign)*," by Mr. C. H. Mills.

LONDON: UNIVERSITY COLLEGE.—At Physiology Theatre, Gower Street, W.C., June 14, 5.15 p.m., "*Muscular Contraction*," by Professor A. V. Hill.

Wednesday

INSTITUTE OF UROLOGY.—At St. Paul's Hospital, Endell Street, London, W.C., June 15, (1) 11 a.m., "*Vulvo-vaginitis in Children*," by Dr. W. N. Mascall; (2) 5 p.m., "*New Growths of the Bladder (Malignant)*," by Mr. C. H. Mills.

NATIONAL HEART HOSPITAL: ROYAL SOCIETY OF MEDICINE.—At 1, Wimpole Street, W., June 15, 5 p.m., "*Withering*," St. Cyres Lecture by Professor K. D. Wilkinson.

PHYSICAL SOCIETY: COLOUR GROUP.—At Institute of Ophthalmology, Judd Street, London, W.C., June 15, 4 p.m., 46th Science Meeting. "*The History of Artists' Pigments*," by Dr. H. J. Plenderleith. Followed by discussion.

WEST LONDON HOSPITAL MEDICAL SCHOOL.—At Medical Society of London, 11, Chandos Street, W., June 15, 8.30 p.m., "*Surgical Treatment of Congenital Pulmonary Stenosis*," Second Alexander Simpson-Smith Memorial Lecture by Mr. R. C. Brock.

WRIGHT-FLEMING INSTITUTE OF MICROBIOLOGY, St. Mary's Hospital Medical School, Paddington, W.—June 15, 5.30 p.m., "*Treatment of Bronchial Asthma*," by Dr. Leon Unger (Chicago).

Thursday

DREADNOUGHT SEAMEN'S HOSPITAL, Greenwich, London, S.E.—June 16, 3 p.m., demonstration by Mr. D. M. Cooper.

HARVEIAN SOCIETY OF LONDON.—At Royal College of Surgeons of England, Lincoln's Inn Fields, London, W.C., June 16, 7.15 for 7.30 p.m., Buckston Browne-Gray Hill Annual Dinner.

INSTITUTE OF UROLOGY.—At St. Paul's Hospital, Endell Street, London, W.C., June 16, (1) 11 a.m., "*Systemic Gonorrhoea*," by Dr. A. H. Harkness; (2) 5 p.m., "*Congenital Defects of the Testicle and Epididymis*," by Mr. Harland Rees.

LONDON: UNIVERSITY COLLEGE.—At Physiology Theatre, Gower Street, W.C., June 16, 4.45 p.m., "*Some Aspects of Nitrogen Metabolism in the Mammal*," by Dr. J. S. Bach.

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE, 26, Portland Place, London, W.—June 16, 7.30 p.m., Annual general meeting, induction of new president, Professor H. E. Shortt, and presentation of Chalmers Gold Medal for 1949; film, "*Chagas' Disease*," shown by Dr. R. V. Talice (Montevideo).

ST. GEORGE'S HOSPITAL MEDICAL SCHOOL, Hyde Park Corner, London, S.W.—June 16, 4.30 p.m., "*Neurology*," lecture-demonstration by Dr. A. Feiling.

Friday

BIOCHEMICAL SOCIETY.—At Department of Chemistry, The University, Nottingham, June 17, 2 p.m., 277th meeting.

MIDDLESEX COUNTY MEDICAL SOCIETY.—At Central Middlesex Hospital, Park Royal London, N.W., June 17, 3 p.m.

Saturday

LONDON ASSOCIATION OF THE MEDICAL WOMEN'S FEDERATION.—At Queen Mary's Hospital, Carshalton, Surrey, June 18, 3 p.m., clinical meeting.

APPOINTMENTS

LODER, R. E., M.B., B.Ch., D.A., Specialist Anaesthetist, Peterborough Area, East Anglian Regional Hospital Board.

SALFIELD, DEREK J., M.D., Assistant Psychiatrist, Crichton Royal Mental Hospital, Dumfries.

SCHROEDER, BERNARD, M.B., Ch.B., D.P.H., Assistant County Medical Officer, North Riding of Yorkshire County Council, Medical Officer of Health, Whitby Urban District and Whitby Rural District.

BIRTHS, MARRIAGES, AND DEATHS**BIRTHS**

Allen.—On May 23, 1949, in London, to Judy (née Collins), wife of Richard A. Allen, M.B., B.S., a son.

Jackson.—On June 5, 1949, at Oxford, to Barbara (née Bonsey), wife of Dr. C. R. S. Jackson, a son.

Keppich.—On May 31, 1949, at Bristol, to Enid, wife of Dr. Peter H. Keppich, a son—Mark Arnold.

Lauckner.—On May 23, 1949, at East London, South Africa, to Dr. Helena (née Taylor), wife of Dr. J. R. Lauckner, Lovedale, C.P., South Africa, a son.

Marien.—On May 28, 1949, at Thorpe Coombe Hospital, to Joan, wife of Dr. E. A. W. Marien, a daughter—Ange'a Isabel.

Messer.—On May 27, 1949, to Olive (née Dawson), wife of Basil Messer, M.B., B.S., 1, Undercliffe Street, Bradford, a son.

Rayner.—On May 28, 1949, at Queen Elizabeth Hospital, Birmingham, to Dr. Mary M. Rayner (née Dale) and Captain C. Stephen Rayner, Royal Signals, a daughter—Juliet Mary, a sister for Christopher.

Roberts.—On May 25, 1949, at St. Chad's Hospital, Birmingham, to Margaret (née Holloway), wife of Dr. Keith D. Roberts, a daughter—Diane Marguerite.

Thornley.—On June 1, 1949, at Manchester, to the wife of Mr. Roland Thornley, F.R.C.S.Ed., a son.

Whitehouse.—On May 26, 1949, at Queen Mary's Maternity Home, Hampstead, to Joan L. (née Tully), wife of Dr. Dennis Whitehouse, a son—Peter John.

DEATHS

Fletcher.—On May 28, 1949, at "Beechwood," Workington, Isaac Fletcher, M.B., C.M., D.P.H., J.P., in his 86th year.

Fox.—On June 1, 1949, Campbell Tibbury Fox, M.R.C.S., L.R.C.P., of "St. Margaret's," The Avenue, Littlestone, Kent, and late of Ashford, Kent, aged 77.

Frost.—On June 1, 1949, at 3, Parkside Road, Reading, Augustine Thomas Frost, O.B.E., M.B., B.Ch., Lieutenant-Colonel, R.A.M.C. (ret.), aged 71.

Grayling.—On May 31, 1949, Arthur Grayling, M.B., late of Forest Hill, London, S.E., aged 91 years.

Henderson.—On June 1, 1949, John Henderson, M.D., F.R.F.P.S., Professor of Medicine in St. Mungo's College, Glasgow, from 1913 to 1947, of 6, Newton Place, Glasgow.

McAllen.—On May 31, 1949, at "The Thatched Cottage," Llanwern, Monmouthshire, Thomas John McAllen, M.B., B.Ch., of Pontypool.

MacLeod.—On April 30, 1949, at Sydney, New South Wales, Charles Gordon MacLeod, M.D., F.R.A.C.S.

Rosenbloom.—Suddenly, on June 1, 1949, at Western Infirmary, Glasgow, Alfred Rosenbloom, M.B., Ch.B., D.T.M., Colonel, I.M.S. (ret.), aged 46, beloved husband of Leah Rosenbloom, M.B., Ch.B.

Shannon.—On May 28, 1949, at 253, Green Lanes, Palmer's Green, London, N., Frederick Shannon, M.B., Ch.B., aged 64.