

Hospital in 1924. In 1938 he took his M.D. degree at Oxford. Aldred-Brown had served for three years in the 1914-18 war, as a captain in the Royal Field Artillery, and during this time the seeds of his illness were sown. He came to Bath from Dorset, where he had held the post of physician, pathologist, and bacteriologist at the Dorset County Hospital. In 1930 he was elected honorary physician to the Royal National Hospital for Rheumatic Diseases. In due course he became senior physician and chairman of the medical board. The war upset all the plans for the building of a new hospital, and was a keen disappointment to Aldred-Brown, who had worked so hard to make the project a success.

During the war years the staff of the hospital was greatly depleted, but in spite of physical disability Aldred-Brown carried on, and indeed will be remembered by many for the manner in which he planned and achieved the present rehabilitation and remedial therapy department. In 1945, after fifteen years' service to the hospital, he was elected an honorary consulting physician. Aldred-Brown was widely known for his interest in rheumatism and was chairman of the Bath International Conference on Rheumatic Diseases in 1938. He was a member of the International Society of Medical Hydrology and of the International League against Rheumatism. He contributed several papers to the more specialized journals. He was a keen golfer and tennis player. Aldred-Brown will be sadly missed by his patients and medical colleagues.

## The Services

The Efficiency Decoration of the Territorial Army has been conferred upon the following officers: Lieut.-Col. (Temp. Brig.) A. A. Egger (T.A.R.O.), Major (Temp. Lieut.-Col.) J. V. Bradley, Hon. Major J. N. Martin, and Majors T. T. S. Hall, M.B.E., W. L. Kinnear, M.B.E., and W. G. Platt, R.A.M.C.

The following appointments and mentions in dispatches have been announced in recognition of gallant and distinguished services in Malaya in 1942.

*C.B.E. (Military Division).*—Brig. (Temp.) C. H. Stringer, D.S.O., O.B.E., late R.A.M.C.

*O.B.E. (Military Division).*—Lieut.-Col. D. C. Chopra, I.M.S. (since died).

*M.B.E. (Military Division).*—Major (Temp.) C. W. Maisey, R.A.M.C.

*Mentioned in Dispatches.*—Brig. (Temp.) C. D. K. Seaver, and Col. E. Percival, D.S.O., M.C., and V. H. Wardle, M.C., T.D., late R.A.M.C., Brig. (Acting) D. S. Middleton, Col. (Temp.) J. Bennet, Col. (Acting) J. Taylor, O.B.E., Lieut.-Col. J. W. Craven, M.C., T.D., Lieut.-Col. (Temp.) W. G. Harvey, Major (Temp.) H. M. S. G. Beadnell, M.B.E., Majors (Acting) P. R. Graves, M.B.E., and H. Henderson, Capt. J. E. A. Bartlett, M. H. Churchill, T. R. S. Cormack, E. K. Cruikshank, J. G. Jesson, J. A. Mark, W. H. McDonald, T. B. Smiley, M.C., and R. B. C. Welsh, R.A.M.C.

### CASUALTIES IN THE MEDICAL SERVICES

*Died at Sea.*—Surg. Lieut. Ian Mackenzie, R.N.V.R.

*Died at Sea.*—Capt. James McAllister, R.A.M.C.

*Died in India.*—Lieut.-Col. Michael Henry Wace, I.A.M.C.

### DOMVILLE MEMORIAL GIFT

The trustees wish to elect, on or about Sept. 18, a recipient of the above Gift, the present value of which is £7 yearly, tenable for three years. The recipient must be a child of a deceased naval medical officer, in necessitous circumstances and under 15 years of age. Particulars of claims, with birth certificates, must reach the honorary secretary, Domville Memorial Gift, Haslar Hospital, Gosport, Hants, by Sept. 12. Further information regarding the Gift may be obtained from the same address.

### NORTH PERSIAN FORCES MEMORIAL

The War Office announces that the North Persian Forces Memorial Medal will be awarded again next year after a lapse of nine years. This memorial was founded in 1923 by officers of the R.A.M.C. and the I.M.S. who served with the North Persian Forces during the war of 1914-18 to commemorate the services of those forces and to encourage the study of tropical medicine and tropical hygiene. The memorial takes the form of a silver medal and is awarded annually for the best paper by a single author on tropical medicine or tropical hygiene published in any journal during the twelve months ending Dec. 31 by any medical officer of under twelve years' service in the R.N., R.A.M.C., R.A.F., I.M.S., or the Colonial Medical

Service. Only officers on a regular or short service engagement in the R.A.M.C., R.A.F., and I.M.S. are eligible for the award. The award is announced in the latter part of the year following that in which the paper was published, provided that the memorial committee consider the paper to have attained the standard of merit justifying the award.

## Universities and Colleges

### UNIVERSITY OF OXFORD

In a Congregation held on July 27, the following degrees were conferred:

D.M.—C. W. Hope-Gill, R. C. Browne.

M.Ch.—S. F. Taylor.

B.M., B.Ch.—G. N. Chandler, D. H. Brooks, J. N. Cozens-Hardy, R. H. Hardy, P. L. Pickering, J. M. K. Spalding, J. L. Hadley, P. S. Brown, B. McConkey, H. L. Backhouse, G. A. K. Missen, Margaret Lingard, Jean C. Ritchie, \*H. J. F. Cairns, \*P. M. de C. Williams, \*L. T. Cotton, \*A. G. Hayter, \*P. R. Clay, \*Gert L. Loewi, \*Diana Geekie, \*Marianne E. Rooth.

\*In absence.

### UNIVERSITY OF LONDON

William Charles Wallace Nixon, M.D., F.R.C.S., F.R.C.O.G., has been appointed to the University Chair of Obstetrics and Gynaecology tenable at University College Hospital Medical School as from Oct. 1.

Ronald Hare, M.D., has been appointed to the University Chair of Bacteriology tenable at St. Thomas's Hospital Medical School as from Oct. 1.

The title of Professor of Physiology in the University has been conferred on Walter Roworth Spurrell, M.S., F.R.C.S., in respect of the post held by him at Guy's Hospital Medical School.

The title of Professor of Clinical Pathology in the University has been conferred on Robert James Valentine Pulvertaft, M.D., F.R.C.P., in respect of the post held by him at Westminster Hospital Medical School.

The title of Reader in Pathology in the University has been conferred on Sigiberto Jose De Navasquez, M.D., in respect of the post held by him at Guy's Hospital Medical School.

The following candidates have been approved at the examinations indicated:

M.D.—*Branch I (Medicine)*: B. F. Gans, A. J. Glazebrook, W. W. Gooddy, J. F. Goodwin, P. Harvey, C. F. Hawkins, J. C. Houston, M. E. MacGregor, J. D. N. Nabarro, C. S. Nicol, D. W. Pugh, R. D. Tonkin, J. R. Troughton, B. G. Wells (gold medal), D. A. J. Williamson. *Branch II (Pathology)*: H. Caplin, G. D. Lumb, J. A. H. Wylie. *Branch III (Psychological Medicine)*: A. M. Edwards, P. H. Tooley. *Branch IV (Midwifery and Diseases of Women)*: Ursula M. Lister. *Branch V (Hygiene)*: H. S. Davies, G. H. Taylor, J. Watkins-Pitchford. *Branch VI (Tropical Medicine)*: A. F. Russell.

M.S.—*Branch I (Surgery)*: Katharine M. H. Branson. *Branch IV (Laryngology, Otology, and Rhinology)*: C. McK. Johnston, J. B. Musgrave.

### UNIVERSITY OF WALES

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

M.B., B.Ch.—*Pharmacology*: Maureen M. Bassett, C. H. Burman, Sarah A. Chard, A. V. Coleman, D. P. Davies, G. J. Davies, F. J. Davis, \*Joan V. Davis, E. F. Griffiths, E. J. Hargadon, J. M. E. Hyde, E. G. A. Jackson, Marjorie L. James, J. H. Jones, T. D. Jones, D. M. D. King, Doreen M. R. Lewis, R. H. Lewis, C. S. Livingstone, Joan A. McLay, J. E. Mitchell, Lilian M. Morgan, M. A. Owen, D. St. J. D. Rees, G. M. Reynolds, Frances M. Richards, J. M. Richards, Esmé S. Rogers, Sybil H. Stephens, C. E. Stroud, Augusta J. Taylor, G. Thomas, J. D. Thomas, J. H. S. Wakelin, J. A. Wilkinson. *Pathology and Bacteriology*: A. J. Dark, Marjorie J. A. Davies, D. W. John, H. E. Jones, Margaret O. Jones, Rosina E. Jones, J. G. Leopold. *Medicine*: G. E. Davies, Margaret E. Davies, Gwenllian M. Griffith, S. T. James, A. S. Jones, Mary Lawrence, R. Medlicott, Jean T. Smith, J. G. Tomkins. *Surgery*: \*T. J. Anthony, Norah C. Curran, C. H. L. Howells, Eluned K. Jones, H. T. Jones, Nest Jones, F. I. Powell, Myfanwy M. G. Prethero, B. F. Richards, Prudence K. Roberts, Mary Smith, Heather Stockdale, T. M. Warren, K. P. Williams. *Obstetrics and Gynaecology*: D. R. Bowen, Joan P. Ciantar, A. C. Coulthard, G. E. Davies, Janet Dean-Jones, \*G. S. Foster, C. Havard, D. W. James, Margaret E. B. Jones, W. R. King, J. B. R. Lewis, L. T. Lewis, Constance A. M. Llewellyn, Margaret I. Morgan, Vivien J. Parker, L. T. Rees, G. G. Richmond, S. Solomon.

\*With distinction.

### UNIVERSITY OF DUBLIN

On July 3 the degree of Litt.D. (Stip. Cond.) was conferred on James Johnston Abraham, C.B.E., D.S.O., M.D., F.R.C.S., consulting surgeon to Princess Beatrice Hospital, London, S.W.

### ROYAL COLLEGE OF PHYSICIANS OF LONDON

At a quarterly comitia of the College, held on July 25, with the President, Lord Moran, in the chair, the following were elected officers for the ensuing year: *Censors*, G. E. S. Ward, E. B. Smith, W. Johnson, Sir Adolphe Abrahams; *Treasurer*, W. G. Barnard; *Registrar*, H. E. A. Boldero; *Assistant Registrar*, W. D. W. Brooks.

The Registrar announced that Jacob David Judah was awarded the Murchison Scholarship for 1946. Dr. W. E. Hume was elected the representative of the College on the Council of King's College,

University of Durham. Dr. C. E. Lakin was appointed Harveian Orator and Dr. Janet Vaughan Bradshaw Lecturer, both for 1947. The following Lecturers for 1947 were also appointed: *Goulstonian*, Dr. F. Avery Jones; *Lumleian*, Dr. J. P. Martin; *Oliver-Sharpey*, Prof. F. C. Bartlett; *FitzPatrick*, Sir Arthur MacNalty; *Lloyd Roberts*, Mr. Harold Nicholson; *Humphry Davy Rolleston*, Dr. P. C. P. Cloake.

The following, having satisfied the Censors' Board, were elected Members of the College:

R. Al-Mankabadi, M.B., C. D. Anderson, M.B., D. A. P. Anderson, M.B., Abd-el-Hamid A. A. Ata, M.B., D. A. Ballantyne, M.B., H. S. Barber, M.D., G. Behr, L.R.C.P., R. C. S. Benson, M.B., T. S. L. Beswick, M.B., D. W. Beynon, M.B., E. J. Blair, M.D., Anne Bolton, M.B., N. R. Butler, M.B., J. E. Cates, M.D., F. E. de W. Cayley, L.R.C.P., M. Chittiers, M.B., J. W. C. Cochran, M.D., W. H. R. Cook, M.B., I. S. Dalton, M.B., H. E. De Wardener, M.B., R. C. S. Dick, M.B., H. Droller, M.D., Margaret E. Edmunds, M.B., A. C. Eithorn, M.B., G. R. Fryers, M.B., W. R. Gauld, M.D., J. A. L. Gilbert, M.B., A. Guedatarián, L.R.C.P., M. Hamilton, M.B., J. B. Heycock, L.R.C.P., G. E. Hosking, M.B., C. A. Houlder, M.B., A. M. Jelliffe, M.B., E. S. Jones, M.B., J. D. O. Kerr, M.B., P. D. C. Kinmont, M.B., S. C. Kusumgar, M.B., J. W. Lacey, M.D., D. R. Laurence, M.B., E. Leigh, M.D., D. C. Lewin, M.B., L. A. Liversedge, M.D., G. Lorrain, M.B., Flying Officer B. H. McCracken, M.D., R.A.F.V.R., A. J. S. McFadzean, M.B., P. McL. McGown, M.B., Surg. Lieut. G. MacGregor, M.B., R.N.V.R., K. S. MacLean, M.B., Mary L. Mittell, M.B., J. H. Moseley, M.B., B. Moshal, M.D., Major P. B. Li. Muldoon, M.B., R.A.M.C., G. R. E. Naylor, M.B., C. S. Nicol, M.B., J. C. R. Nuttall-Smith, M.B., A. B. Pollard, M.B., B. W. Powell, M.B., Capt. S. B. Rampling, M.B., R.A.M.C., T. L. Reeves, M.B., F. Robertson, M.D., G. R. Royston, M.D., K. J. Samson, M.D., R. Semple, M.B., N. M. Shah, M.D., Sheila Sheehan, M.B., J. R. Sinton, M.B., R. B. Sloane, M.B., D. Stafford-Clark, M.B., N. P. Strang, L.R.C.P., J. A. Strong, M.B., H. J. C. Swan, M.B., N. G. Talwalkar, M.D., P. E. R. Tattersall, M.B., D. C. Thursby-Pelham, L.R.C.P., H. Urich, M.B., G. C. Wells, M.B., D. A. Williamson, M.B., B. D. R. Wilson, M.B., C. Wilson, D.M.

Licences to practise were conferred upon 118 candidates (including 27 women) who had passed the Final Examination in Medicine, Surgery, and Midwifery of the Conjoint Board and who have complied with the necessary by-laws:

A. R. L. Abel, David M. Adams, D. M. C. Ainscow, E. J. Allaway, Barbara M. Ansell, Constance M. A. Bachtin, M. E. Bailey, S. Balfour-Lynn, Joan A. Barrett, H. D. Beckett, E. I. Bieber, D. Bigley, D. K. Briggs, R. H. Broughton, H. Caplan, V. L. Cartledge, D. M. T. Cones, P. D. Crosbie, A. M. Davies, P. R. Davis, R. C. Davison, Rosemary Dearden, Mary M. Dickinson, Romola D. Dunsmore, D. R. Edwards, H. E. Froulkes, G. H. Fisher, D. P. Fitzgerald, I. Fletcher, Frances M. Fountain, R. O. J. Fry, J. D. Fuller, P. Fitzgerald, I. Fletcher, H. G. Griffin, I. R. Haire, P. H. T. Hall, F. A. E. Hamilton, G. J. L. Hamilton, J. R. Handforth, J. J. Hopkins, P. J. Howat, Edna G. Howe, G. Hughes, G. M. Hunter, I. Jackson, P. D. C. Jackson, T. Jackson, Glyndwr Jeffreys, N. B. Jemalani, R. John, J. W. G. Johnson, Catherine M. E. Jones, C. W. L. Jones, D. W. W. Jones, I. S. M. Jones, Thelma D. Jørgensen, R. S. Kagan, R. C. Keane, G. W. Korn, Marjorie A. C. Kuck, T. D. Lambert, Gertrude Latner, K. Lawrence, R. M. H. Layland, M. B. Lennard, C. Levin, T. L. T. Lewis, R. I. T. Lindsay, Janet G. S. McDowall, E. P. Mackenzie, H. H. Margulies, Margaret A. Marten, T. C. H. Mathews, Gladys A. Meigh, G. S. Metters, J. R. Mikhail, Kate H. Miller, P. R. Miller, J. B. Moore, N. S. Moores, Marguerite F. E. Morford, C. P. Newcombe, W. Nixon, J. A. Noblett, L. W. Oxenham, J. Parkyn, J. Pavey-Smith, B. W. Perlow, J. I. Pugh, R. J. Randall, H. M. Rayner, G. A. Readett, R. Renwick, Beatrice E. S. Richards, J. P. R. Richardson, J. F. S. Robertson, K. W. Robinson, H. E. Robson, P. N. Robson, Rosemary J. M. Rose, B. L. L. Rygate, Jutta Scharfstein, D. Seymour, B. E. Shairp, Dorothy M. Silvester, Patricia M. Stanwell, K. D. Stewart, Janet Sutherland, C. K. M. Thacker, Joan M. H. Thomas, J. Thompson, P. Timmis, L. Walkden, R. W. W. Watson, F. E. Webb, A. A. Weyman, J. L. Whitmore.

Diplomas in Public Health were granted, jointly with the Royal College of Surgeons of England, to the following successful candidates:

J. Beeston, Phoebe Charlton, B. A. Coghlan, R. V. Coxon, Enid G. M. Cummings, H. S. Fraser, S. MacL. Frazer, A. A. Huse, J. P. Kennedy, A. A. Lewis, G. L. McLeod, Mary N. MacQ. Paulin, Mary Roland, R. G. Samuel, E. L. Tee, R. L. Worrall.

Diplomas in Anaesthetics were granted, jointly with the Royal College of Surgeons of England, to the successful candidates whose names were published in the report of the meeting of the Royal College of Surgeons of England in the *Journal* of July 6 (p. 29). Diplomas in Laryngology and Otolaryngology, in Psychological Medicine, and in Tropical Medicine and Hygiene were granted, jointly with the Royal College of Surgeons of England, to the successful candidates whose names were published in the report of the meeting of the Royal College of Surgeons of England in the *Journal* of July 27 (p. 143).

#### ROYAL COLLEGE OF SURGEONS OF ENGLAND

At a meeting of the Council, held on Aug. 1, with Sir Alfred Webb-Johnson, Bt., President, in the chair, Prof. G. Grey Turner was re-appointed as representative of the College on the Council of King's College, Newcastle-upon-Tyne, for a further period of three years. A gift of a silver bowl was received from Mr. W. E. Tanner. The thanks of the Council for assistance in the preservation and development of the Museum were given to Sir James Walton, Mr. Warren R. Dawson, and Prof. F. Wood Jones. Mr. L. Carnac Rivett was invited to attend meetings of the Council during the ensuing year as the representative of gynaecology and obstetrics.

Diplomas of Membership and Diplomas in Public Health were granted, jointly with the Royal College of Physicians of London, to the successful candidates whose names were printed in the report of the meeting of the Royal College of Physicians of London. (See list above.)

## Medical News

The trustees of the Leverhulme Research Fellowships have approved the award of a grant to E. H. F. Baldwin, B.A., Ph.D., lecturer in biochemistry in the University of Cambridge, for research into the comparative biochemistry of nitrogen metabolism. Application forms for Fellowships and Research Grants may be obtained from the secretary of the Fellowships, 7, Bedford Row, London, W.C.1.

Lord Moran has been re-elected President of the National Federation of Personal Health Associations; Dr. John Hall, of Liverpool, chairman; and Mr. T. Crew, Leicester, hon. secretary.

### EPIDEMIOLOGICAL NOTES

#### Typhoid Epidemic

The number of cases in the typhoid epidemic at Aberystwyth continues to increase. It was suggested in our account of August 10 (p. 206) that there were likely to be more cases at Aberystwyth and at other parts of the country in returning holiday-makers. Up to August 13 notifications had increased to 110, and there had been two fatal cases—one at Aberystwyth, and another at Llanely. Cases infected at Aberystwyth, apparently on July 11, by ice-cream contaminated by the typhoid carrier who made it and sold it have now been reported from Northampton (5), Birmingham (5), Oldbury, Worcestershire (3), Manchester (2); at Shavington, near Crewe, and at Ilford, Essex, and other towns single cases have appeared. It seems likely that cases will continue to appear but with diminishing frequency at Aberystwyth and elsewhere.

The most heavily infected portions of ice-cream were consumed by local inhabitants attending church excursions and a youth rally and were not available on a large scale to the ordinary holiday-makers. The infection is of moderate severity only, but more deaths are expected. The suspected carrier is a urinary excretor. Up to the present *Bact. typhosum* has not been found in his stools after four examinations. The organism recovered from his urine belongs to Vi-bacteriophage Type C. Organisms of the same type have been identified from several of the patients.

Uncooked shellfish are said to have caused 8 cases of typhoid at Glasgow and 4 (one fatal) at Dublin.

#### Detection of Typhoid Carriers

The *Monthly Bulletin of the Ministry of Health and the Emergency Public Health Laboratory Service* (1945, 4, 224) contained a note on the detection of typhoid carriers. It is estimated that in 5% of cases of typhoid a raised titre of Vi-agglutinins persists for six months or more, and that 2% or more of patients become chronic carriers. Nine out of ten of the latter have permanently elevated Vi-agglutinin titres. The measurement of Vi-antibody is therefore a valuable indication of the carrier state.

"A chronic carrier may cease to excrete typhoid bacilli for no apparent reason and may resume doing so without any detectable alteration in his well-being. Epidemiological evidence, although not conclusive, suggests that the intervals of freedom may last for months or even years, but the Vi-agglutination test remains positive during these intervals. It is not proposed that any control, other than that afforded by the Public Health (Infectious Diseases) Regulations, 1927, should be exercised over carriers, and in this connexion the attention of medical officers of health is called to pp. 58-60 of the annual report for 1932 of the Chief Medical Officer of the Ministry.

"The method of detection is, before discharge from hospitals every typhoid convalescent should have a blood test for Vi-agglutinins. If they are absent no further action need be taken. If present (as might be expected in about one-half of the cases) a second test should be made three months later, when, if they are no longer present, nothing further need be done. If, however, Vi-agglutinins are present in a titre as high as, or higher than, before, two examinations a week for three weeks of the stools and urine, or, failing this, six examinations with as long an interval as possible between, should be made by selective cultural methods to find out whether typhoid bacilli are being excreted. If they are, the patient should be regarded as a persistent carrier; if they are not, it might be advisable to repeat the Vi-agglutination test three months later to see whether the titre is falling. Further action would depend on circumstances.

"As every case of typhoid fever owes its origin to a carrier (shedder) it is an obvious advantage to a medical officer of health to know at least some of the potential sources of infection in his district. By ascertaining the type of infecting