

tuberculosis per 1,000 men born in the United Kingdom, the West Indies, Cyprus, and Ireland, respectively. Mr. WALKER-SMITH stated that no analysis giving this information had been made by the Board. A study by a static mass radiography unit in the metropolitan part of the Board's area produced the following figures:

Place of Birth	United Kingdom	West Indies	Cyprus	Irish Republic
Number examined ..	11,558	473	187	745
Cases of active tuberculosis found ..	66	2	3	31
Rate per 1,000 ..	5.7	4	16	42

**Blood Donations.**—The number of blood donations in England and Wales was 759,571 in 1955 and 803,522 in 1956. The present arrangements, the Ministry of Health states, are generally satisfactory, but more donors are always needed to take the place of those who retire, and to meet the increasing demand.

**Diphtheria.**—The proportion of children under the age of 15 years protected against diphtheria in each of the years 1953 to 1956, inclusive, was respectively 47.8, 48.4, 49.3, and 48.9%. The Minister of Health would like to see the proportion increased, and local authorities have been urged to continue to impress upon parents the advisability of immunization.

## Universities and Colleges

### UNIVERSITY OF OXFORD

In Congregation on January 23 the following degrees were conferred:

B.M.—M. K. Williams, N. A. Locket, J. A. Parsons, Mrs. Eugenia English, Elizabeth M. M. Forstner, and (in absence), C. H. Smith.

R. V. Coxon, M.D., D.Phil., F.R.C.S., has been re-elected to the Readership in Human Physiology for seven years from October 1, 1958.

In Congregation on March 1 the degree of D.M. was conferred on G. N. Chandler, and, in absence, on H. M. Lloyd and Ursula F. Rowlatt.

### UNIVERSITY OF CAMBRIDGE

In Congregation on January 25 the following degrees were conferred:

M.B., B.CHR.—\*N. F. Leigh.  
M.B.—D. G. Beynon, N. Edwards, C. E. R. Thompson, \*A. M. Barnie-Adshad, A. C. W. Lewis, P. H. Rack, \*R. C. G. Hughes, \*M. W. Riddall, M. C. Woodhouse, \*Mrs. Susan A. Leaver.  
\*By proxy.

Dr. J. H. Rack has been appointed a University Assistant Pathologist to Addenbrooke's Hospital with tenure from April 1, 1958, for three years.

In Congregation on February 8 the degree of M.B. was conferred on J. A. Mathews (by proxy), R. S. O. Rees, and L. J. Chalstrey.

### UNIVERSITY OF ST. ANDREWS

At a Graduation Ceremonial on January 10 the following degrees were conferred:

M.D.—F. W. Wigzell.  
Ph.D.—P. R. Roy, B.Sc., M.B., B.S.  
M.B., Ch.B.—J. C. Anderson, Margaret M. Arrowsmith, C. Calder, Mrs. Marie M. Deacon, S. A. Khalig, A. M. C. Macgregor, G. J. Robertson, P. C. Robson, L. W. J. Ross, I. M. Stewart.

### UNIVERSITY OF GLASGOW

The following degrees were conferred on January 11:

M.D.—J. B. Brennan, R. W. Bryson, E. C. Easson, \*K. Fraser, A. W. Gardner, \*I. S. MacDonald, R. L. Orchardson, \*W. O. Thomson.  
Ph.D.—J. K. Burns, B.Sc., M.B., Ch.B.

M.B., Ch.B.—N. D. Akilade, A. W. Baird, I. W. MacA. Baxter, J. S. Begg, W. D. S. Blaikie, J. S. Carlisle, A. Craig, T. W. Cross, P. J. Docherty, J. R. Donaldson, W. Ducat, J. P. Duffy, R. L. Elder, Christina C. Hall, Philomena C. Hynes, R. G. S. Leask, J. R. Logan, A. W. Macara, J. R. L. McConnell, H. N. Macdonald, A. J. Mackintosh, I. C. D. Martin, A. C. Miller, I. R. Pendright, Susan M. Ritchie, C. A. Robertson, A. R. Sarbah-Yelley, C. J. Schwarz, Gwen J. Scott, J. D. Simpson, S. Sonah, L. G. Stewart, Margaret G. Wallace, A. F. Wright.

\*With commendation.

### UNIVERSITY OF LONDON

The degree of M.D. was awarded by the Senate on December 18, 1957, to F. W. O'Grady.

The following candidates have been approved at the examination indicated:

M.D.—*Part I*: J. Beasley, R. L. Bird, P. J. Dally, J. Eastwood, A. G. Giddins, G. A. Li. G. Glazebrook, T. Hargreaves, I. G. Johnston, A. C. K. Lawrence, Gillian A. J. Lomax, R. E. Lovelace, J. S. Malpas, Richenda M. Martin, D. Mattingly, M. G. Miller, D. N. Mitchell, Ann G. Mullins, Muriel J. Seaman, Elizabeth J. Steele, D. J. Stoker, M. A. T. Waters, K. J. Zilkha.

The degree of Ph.D. in the Faculty of Medicine was awarded on December 11, 1957, to J. H. Botting, J. G. Howard, M.B., B.S., and S. J. Patki.

## Vital Statistics

### Paratyphoid Outbreak in Eire

A large outbreak of paratyphoid B has occurred in the counties of South Tipperary, Waterford, Limerick, Clare, and in the county borough of Limerick. Information on its origin has not yet been released. We are indebted to Dr. V. Barry, Acting County Medical Officer, Clonmel, for the following note:

The main brunt of the epidemic has fallen on South Tipperary and particularly on the town of Clonmel (1951 census population 10,471), where 94 cases in a total of 171 cases have occurred. Clonmel has a municipal water supply of good quality. Its sewage runs untreated into the river Suir. The organism responsible for the outbreak has been identified as *Salmonella paratyphosus B*, anti-O positive untypable.

There have been no deaths, though some of the original cases were unrecognized for up to 10 days. The cases resembled typhoid fever rather than gastro-enteritis. The illness generally has been mild. Headache, raised temperature with a relatively slow pulse, abdominal pain, and later diarrhoea have been the most usual signs and symptoms, though some children have had extensive chest signs at the onset of the illness. Intestinal haemorrhage has occurred in two cases, and one case was operated on for a perforation.

The ages of the cases have varied between infants in their first year to adults in their 60's; the main incidence has been in children under 14 years of age. Over this age it has been commoner in females than males, with a high rate in married women.

A feature of the outbreak has been the number of symptomless excretors which have come to light following investigation of the contacts. Cases and excretors have responded well to chloramphenicol in the usual doses. Some persons found to be excreting the organism have gone down afterwards with paratyphoid fever.

Certain preventive measures were taken on February 7. It is interesting to note that, though 19 cases occurred after February 22, all but 2 were household contacts of previous cases. The epidemiology of this outbreak presents certain interesting features, and it is hoped that it will be possible to submit a comprehensive report on it at a later date.

### Scotland in 1957

Preliminary figures issued by the Registrar-General show that in 1957 the Scottish birth rate was the highest for eight years, while the infant mortality rate was about the same as the record low figure in 1956. The estimated population figure was 5,159,500, and the natural increase of births over deaths 36,835. This increase was about 3,000 more than in 1956, and 5,000 above the average for the previous 5 years. It was due to a sharp increase in the birth rate. Births numbered 97,978; this was the highest total since 1948, and, except in the post-war years 1946-8, was the highest since 1926. The birth rate was 19 per thousand population as compared with 18.5 in 1956.

**Postgraduate Course for Ophthalmologists.**—A refresher course for ophthalmologists, organized by Professor ARNOLD SORSBY, was held at the Courage laboratory of the Royal Eye Hospital, London, during the first week in February. Fourteen ophthalmologists attended. In view of its success, a similar course will be held next year. Those interested should write to Mr. G. W. HOARE, Holmeswood, Clytha Park Road, Newport, Mon.

**Biological Standardization.**—Fourth international congress, July 24-30, in Brussels. Details from the secretary, 14, Rue Juliette Wytsman, Ixelles, Brussels.

## NEW ISSUES

### SPECIALIST JOURNALS AND ABSTRACTS

The journals listed below are obtainable from the Publishing Manager, B.M.A. House, Tavistock Square, London, W.C.I.

**Archives of Disease in Childhood.**—Issued six times a year (£4 4s. annually). The new issue, Vol. 33, No. 167, includes:

SOME PHYSICAL MEASUREMENTS IN THE FIRST THREE YEARS OF LIFE. Frank Falkner.

GROWTH AND DEVELOPMENT IN A GROUP OF CHILDREN OF VERY LOW BIRTH WEIGHT. Cecil M. Drillicen.

THE PROGNOSIS OF BRONCHIECTASIS IN CHILDHOOD. Alfred White Franklin. A CONSIDERATION OF COLOSTRUM AND MILK AS SOURCES OF ANTIBODIES WHICH MAY BE TRANSFERRED TO THE NEWBORN BABY. Kathleen E. Boorman, Barbara E. Dodd, and Mavis Gunther.

THE SERUM PROTEINS AT 6 MONTHS OF AGE IN INFANTS FED ON HUMAN OR COW'S MILK OR ON BOTH. Fatma Hassan and Mavis Gunther.

THE DIETARY TREATMENT OF PHENYLKETONURIA. L. I. Woolf, Ruth Griffiths, Alan Moncrieff, Stephen Coates, and F. Dillistone.

PARATHYROID ADENOMA IN A CHILD PRESENTING AS RICKETS. B. S. B. Wood, W. H. George, and A. W. Robinson.

ACROMEGALY IN A GIRL OF 8 YEARS. R. McLaren Todd.

MALIGNANT NON-CHROMAFFIN PARAGANGIOMA OF THE THIGH. A. MacFarlane and A. R. MacGregor.

GUMMA OF THE LIVER IN CONGENITAL SYPHILIS. D. Whitehouse and W. V. Macfarlane.

PAPER ELECTROPHORESIS OF SERUM PROTEINS IN CHILDREN. W. W. Payne and Constance C. Forsyth.

A CLINICAL AND HAEMODYNAMIC STUDY OF VENTRICULAR SEPTAL DEFECT IN INFANTS. George M. Maxwell, George G. Rowe, and Charles W. Crumpton.

SWAT ANALYSIS IN FIBROCYSTIC DISEASE, CHRONIC PULMONARY DISEASE AND CONTROLS. Mary M. Weeks and G. A. Brown.

THE GASTRO-OESOPHAGEAL REGION IN INFANTS. G. S. Muller Botha.

**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.

**British Journal of Ophthalmology.**—Issued monthly (£6 annually). The new issue, Vol. 42, No. 3, includes:

SOME NEURO-OPTHALMOLOGICAL PROBLEMS. Alan Mooney. ACUTE VISUAL FAILURE AS A NEUROSURGICAL EMERGENCY. Alfred Uihlein. OCULAR ASPECTS OF ENDOCRINE EXOPHTHALMOS. G. I. Scott. DIAGNOSTIC VALUE OF ORBITAL ANGIOGRAPHY. H. Krayenbühl.

**Ophthalmic Literature.**—The new issues (Vol. 10, No. 6, and Vol. 11, No. 3) are now available. They contain a comprehensive selection of abstracts of the literature on ophthalmology and related subjects. Six issues and a volume index each year; annual subscription £4 4s., or with the *British Journal of Ophthalmology* £9.

## 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, March 24

MANCHESTER MEDICAL SOCIETY.—(1) SECTION OF ODONTOLOGY: At Lecture Room, Dental Hospital, 4.30 for 5 p.m., Mr. I. R. H. Kramer: Clinical and Pathological Features of Lesions Presenting as White Patches on the Oral Mucosa. (2) SECTION OF GENERAL PRACTICE: At Large Anatomy Theatre, Manchester University. 8.30 for 9 p.m., Mr. R. T. Johnson: Neurosurgical Conditions in General Practice.

### Tuesday, March 25

B.B.C. TELEVISION.—9.30 a.m., "Your Life in Their Hands," No. 7—Diverting the Stream, from the Royal Infirmary, Bristol. INSTITUTE OF LARYNGOLOGY AND OTOLOGY.—5.30 p.m., Dr. I. Friedmann: Role of Tissue Culture and Electronmicroscopy in the Study of the Ear. LONDON HOSPITAL.—8 for 8.30 p.m., Professor Clifford Wilson: Failure of Renal Function. ROYAL ARMY MEDICAL COLLEGE.—5 p.m., Dr. J. S. Richardson: Present Position in the Treatment of Some Commoner Endocrinopathies. ROYAL STATISTICAL SOCIETY: MEDICAL SECTION.—At Westminster Medical School, 5.30 p.m., Dr. M. A. Heasman: Methodological Problems in the Study of Occupational Mortality. WEST END HOSPITAL FOR NEUROLOGY AND NEUROSURGERY.—5.30 p.m., Dr. G. A. D. Gordon: Neuroradiology.

### Wednesday, March 26

●CHRISTIAN MEDICAL FELLOWSHIP.—At Royal Empire Society, Northumberland Avenue, W.C. 1, 8.15 p.m., Mr. D. MacG. Jackson: Moral Responsibility in Clinical Research. INSTITUTE OF UROLOGY.—4.30 for 5 p.m., Mr. H. K. Vernon: Uretero-colic Anastomosis. ROYAL INSTITUTE OF PUBLIC HEALTH AND HYGIENE.—3.30 p.m., Mr. F. S. Law: Scalp and Hair Problems.

### Thursday, March 27

LIVERPOOL MEDICAL INSTITUTION.—8 p.m., annual meeting. ROYAL EYE HOSPITAL.—5.15 p.m., Dr. T. H. Whittington: Refraction Work (a) In the Old, (b) In the Young. ROYAL MEDICO-PSYCHOLOGICAL ASSOCIATION, PSYCHOTHERAPY AND SOCIAL PSYCHIATRY SECTION.—At 11, Chandos Street, W. 1, 8 p.m., symposium from the Cassel Hospital: Mothers and Babies in Hospital. Open to members and their guests.

### Friday, March 28

BIOCHEMICAL SOCIETY.—At University of Birmingham Medical School, 11 a.m., 371st meeting. CAMBRIDGE MEDICAL SOCIETY.—At Addenbrooke's Hospital, 3 p.m., Dr. A. M. Sutherland: Tuberculosis of the Endometrium, reviewing 250 cases from the Glasgow area, with special reference to the results of drug treatment. INSTITUTE OF LARYNGOLOGY AND OTOLOGY.—5.30 p.m., Mr. Maxwell Ellis: clinical demonstration. MEDICAL RESEARCH COUNCIL.—At National Institute for Medical Research, Mill Hill, N.W. 1, 5 p.m., Professor N. I. Kalabukhov (U.S.S.R.): Seasonal Changes in the Organism of Mammals in Relation to the Environment. ROYAL COLLEGE OF SURGEONS OF ENGLAND.—4.30 p.m., Lister Oration by Sir Stewart Duke-Elder: Emergence of Vision in the Animal World. ROYAL INSTITUTION.—9 p.m., Professor R. J. Pumphrey, Sc.D., F.R.S.: Hearing in Man and Animals. SOCIETY OF MEDICAL OFFICERS OF HEALTH (WELSH BRANCH).—At B.M.A. House, 195, Newport Road, Cardiff, 6.30 p.m., Dr. A. R. Davies: Prevention of Air Pollution; Dr. J. K. Jones: Recent Advances in the Control of Poliomyelitis; Dr. C. J. Revington: Ionizing Radiation and Health.

### Saturday, March 29

MEDICAL SOCIETY FOR THE STUDY OF VENEREAL DISEASES.—At Clinical Lecture Theatre, Manchester Royal Infirmary, 2 p.m., general meeting. Dr. A. N. Ashworth: Results of Local Treatment of Interstitial Keratitis with Cortisone; Professor J. H. Kellgren: Differential Diagnosis of Reiter's Syndrome.

## APPOINTMENTS

SOUTH-WESTERN REGIONAL HOSPITAL BOARD.—H. S. Coulsting, M.B., Ch.B., D.P.M., Consultant Psychiatrist (Child Guidance) and H. Bannerman, M.B., B.S., D.O.M.S., Ophthalmologist, Bristol Clinical Area; P. N. Newsam, M.B., B.Ch., D.P.H., D.M.R.D., Senior Registrar in Radiodiagnosis, Southmead Hospital, Bristol; A. B. Cooper, M.B., Ch.B., D.P.M., Senior Registrar, Bristol Mental Hospitals; R. P. Anklesaria, M.B., B.S., Anaesthetic Registrar, Royal Devon and Exeter Hospital, Exeter; S. L. Clowchard, M.B., B.S., Surgical Registrar, Royal Cornwall Infirmary, Truro; W. W. J. Liddle, M.B., B.S., F.R.C.S.Ed., Surgical Registrar, Torbay and Torquay and Newton Abbot Hospitals; D. O. H. Messent, M.B., B.S., Surgical Registrar, Gloucestershire Royal Hospital, Gloucester.

## BIRTHS, MARRIAGES, AND DEATHS

### BIRTHS

Hoskins.—On March 11, 1958, at Cardiff Maternity Hospital, to Philomena (formerly Guerin), wife of Dr. Osmond Hoskins, a daughter—Margareta Claire.

Lawson.—On March 8, 1958, at Cardiff, to Jean, wife of James G. Lawson, M.D., M.R.C.O.G., a second son.

Matthews.—On March 12, 1958, at Aberdeen Maternity Hospital, to Joyce (formerly Wallis) and Dr. Bryan Matthews, a daughter.

Wisdom.—On March 8, 1958, at University College Hospital, to Charlotte (formerly Hartstein), M.B., and Anthony Wisdom, M.B., of 3, Woodstock Road, Strood, Kent, a brother for Lucy—Oliver John.

Worsley.—On March 10, 1958, at the War Memorial Hospital, St. Annes-on-Sea, Lancs, to Elizabeth, wife of Dr. Richard Worsley, a son.

### MARRIAGES

Porteous—Roberts.—On March 15, 1958, at Princes Road Welsh Presbyterian Church, Liverpool, Colin Ross Porteous, M.B., Ch.B., of Birkenhead, Cheshire, to Myfanwy Rhien Hughes Roberts, M.B., Ch.B., D.P.H., of Bangor.

### DEATHS

Joslen.—On November 1, 1956, in Jamaica, Hubert Joslen, M.D., of Linton, Claremont, Jamaica, aged 90.

Martin.—On February 25, 1958, George Stratton Martin, M.B., Ch.B., Oakgate, Windsor Road, Gerrards Cross, Bucks.

Ross.—On February 21, 1958, at 8, Union Street, Wick, Caithness, John Alexander Ross, M.B., Ch.B., aged 62.

Rutherford.—On February 24, 1958, at 10, York Road, Harrogate, Yorks, Raphael Perleé James Rutherford, M.B., Ch.B.

Swanson.—On February 24, 1958, in hospital, William Ewart Swanson, M.R.C.S., L.R.C.P., of 572, Caledonian Road, London, N. 1, and 18, Derwent Crescent, London, N.

Wilson.—On February 22, 1958, at Smugglers, Bosham, Sussex, Harry Theodore Minden Wilson, D.S.O., M.R.C.S., L.R.C.P., Lieutenant-Colonel, R.A.M.C., retired.

Wood.—On February 22, 1958, at 8, St. Hilda's Terrace, Whitby, Yorks, Maurice Dale Wood, M.D., aged 82.