

**EXPERIENCED MEDICAL LABORATORY TECHNICIAN (or Senior Technician) FOR THE DEPARTMENT OF CHEMICAL PATHOLOGY**—Prof. F. T. G. Prunty, William Dunn Laboratory, St. Thomas's Hospital Medical School, London, S.E.1.

**FELLOW** (preferably post-doctorate, with interest and ability in optics and electronics), to take part in the optical maser programme of the Department of Physics, with special emphasis on harmonic generation and non-linear optical effects—The Principal, Royal Holloway College (University of London), Englefield Green, Surrey.

**NEUROCHEMIST** (with a Ph.D. in biochemistry with postgraduate research experience in neurochemistry, or an interest therein), to participate in ongoing research programmes—The Director, Missouri Institute of Psychiatry, 5400 Arsenal Street, St. Louis, Missouri, U.S.A.

**PHOTOGEOLOGIST** (with a first- or good second-class honours degree in geology, about five years postgraduate experience in regional mapping and field geology, a good knowledge of photogeology, and preferably a knowledge of Spanish) with the Government of Peru, for the preparation of geological maps by means of photo-interpretation; some field work, and the training of locally recruited assistants—The Director of Recruitment, Department of Technical Co-operation, Eland House, Stag Place, Victoria, London, S.W.1, quoting Ref. RC.218/117/02.

**PHYSICAL CHEMIST** (with an interest in, and preferably experience of, surface chemistry), for studies of pigment particles and their behaviour in paint media; a **PHYSICIST or PHYSICAL CHEMIST**, for fundamental work on the rheology of pigment and polymer latex dispersions; and an **ANALYTICAL CHEMIST**, to take charge of a small laboratory for devising qualitative and quantitative techniques applicable to paint components, pigments, polymers, surface active agents, etc., and for analytical studies of paint blemishes and the causes of defects—The Director, Paint Research Station, Research Association of British Paint, Colour and Varnish Manufacturers, Waldegrave Road, Teddington, Middlesex.

**RESEARCH ASSISTANT** (graduate chemist or biochemist) IN THE **ARTIFICIAL KIDNEY UNIT**—The House Governor, London Hospital, Whitechapel, London, E.1.

**RESEARCH ASSISTANT or TECHNICIAN** (graduate or non-graduate), to work in the field of chemistry in relation to medicine—The Secretary, The Medical College of St. Bartholomew's Hospital, West Smithfield, London, E.C.1.

**RESEARCH ASSISTANTS and FELLOWS**, for full-time research on polymer problems—Head, National College of Rubber Technology, Holloway, London, N.7.

**SENIOR LABORATORY TECHNICIAN (Grade II)** (preferably with a knowledge of optical instruments and their maintenance) IN THE **DEPARTMENT OF OPHTHALMIC OPTICS**, to be responsible for the clinical laboratories in the Department—Head, Department of Ophthalmic Optics, Northampton College of Advanced Technology, St. John Street, London, E.C.1.

**SENIOR TECHNICIAN** (preferably with a knowledge of glass-blowing) IN THE **DEPARTMENT OF PHYSICS**, to assist in a research programme on large-gap semiconductors—Dr. R. H. Tregold, Department of Physics, University College of North Wales, Bangor, North Wales.

**TECHNICIAN or GRADUATE ASSISTANT**, for biochemical research on root growth and morphogenesis involving cell and organ culture—K. W. Fuller, Botany School, The University, Oxford.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

- Institute of Seaweed Research. Annual Report for 1962. Pp. 23. (Inveresk, Midlothian; Institute of Seaweed Research, 1963.) [17]
- Department of Scientific and Industrial Research and Fire Offices' Committee Joint Fire Research Organization. Fire Note No. 4: Tests on Roof Constructions Subjected to External Fire. Pp. iii+24. (London: H.M. Stationery Office, 1963.) 2s. 6d. net. [17]
- Privy Council, Medical Research Council Monitoring Report Series, No. 8: Assay of Strontium-90 in Human Bone in the United Kingdom—Results for 1962. Part 1, with some Further Results for 1961. Pp. iii+15. (London: H.M. Stationery Office, 1963.) 1s. 6d. net. [17]
- Cement and Concrete Association. Report for the year 1962. Pp. 102. (London: Cement and Concrete Association, 1963.) [17]
- Annual Report of the Council of the Yorkshire Philosophical Society for 1962. Pp. 32. (York: Yorkshire Philosophical Society, 1963.) [17]
- Department of Scientific and Industrial Research. Torry Research Station Annual Report 1962 on the Handling and Preservation of Fish and Fish Products: Report of the Torry Research Station Steering Committee and Report of the Director of the Torry Research Station. Pp. vi+38+4 plates. (London: H.M. Stationery Office, 1963.) 4s. [17]
- Woman, Work and Age: To Study the Employment of Working Women Throughout Their Middle Lives. By F. Le Gros Clark. Pp. 111. (London: The Nuffield Foundation, 1963.) 7s. 6d. net. [27]
- Federation of British Industries. Civil Research Policy: a Report of an F.B.I. Working Party. Pp. iii+11. (London: Federation of British Industries, 1963.) 2s. 6d. [27]
- Department of Scientific and Industrial Research and Fire Offices' Committee Joint Fire Research Organization. Fire Research Technical Paper No. 8: Fires Involving Liquefied Petroleum Gas. By Jane M. Hogg. Pp. vi+9. (London: H.M. Stationery Office, 1963.) 1s. 9d. net. [27]
- Ministry of Education. Statistics of Education, Part 2: 1962. Pp. 115. (London: H.M. Stationery Office, 1963.) 20s. net. [27]
- The International Nickel Company (Mond) Ltd. Automatic Plating Plant. Pp. 32. (London: The International Nickel Company (Mond) Ltd., 1963.) [57]
- Department of Scientific and Industrial Research; and the British Council. Scientific Research in British Universities and Colleges, 1962-63. Pp. xxv+669. (London: H.M. Stationery Office, 1963.) 32s. 6d. net. [57]
- Department of Scientific and Industrial Research. New Ways With Ceramics. Pp. 12. (London: Library, Department of Scientific and Industrial Research, 1963.) [57]
- White Fish Authority. Annual Report and Accounts for the year ended March 31, 1963. Pp. iv+55. (London: H.M. Stationery Office, 1963.) 3s. 6d. net. [57]
- Department of Scientific and Industrial Research. Research for Industry 1962: a Report on Work Done by Industrial Research Associations in the Government Scheme. Pp. iv+74+22 plates. (London: H.M. Stationery Office, 1963.) 7s. net. [57]
- Honours Courses in Mathematics in the Universities of Great Britain. By A. P. Rollett. Pp. ii+61. (London: The Incorporated Association of Head Masters; and the Association of Head Mistresses Incorporated, 1963.) 3s. 6d. [57]

Department of Scientific and Industrial Research: Road Research Laboratory. Road Research Technical Paper No. 60: The Riding Quality of Concrete Roads. By Dr. R. H. H. Kirkham. Pp. iv+87+4 plates. (London: H.M. Stationery Office, 1963.) 8s. 6d. [57]

Efficiency in Forestry: Report of the Third Discussion Meeting, Oxford, March 21 to 23, 1963. (Supplement to *Forestry*, the Journal of the Society of Foresters of Great Britain.) Pp. 74. (London: Oxford University Press, 1963.) 7s. 6d. [57]

The British Steel Castings Research Association. Tenth Annual Report, 1963. Pp. ii+36. (Sheffield: The British Steel Castings Research Association, 1963.) [57]

Ambassade de France: Service de Presse et d'Information. The Future of the Paris Region. Pp. 9. (London: Ambassade de France, Service de Presse et d'Information, 1963.) [57]

The Lister Institute of Preventive Medicine. Report of the Governing Body, 1963. Pp. 33. (London: The Lister Institute of Preventive Medicine, 1963.) [57]

British Empire Cancer Campaign. Fortieth Annual Report covering the year 1962. Part 1: The Chairman's Statement and the Accounts of the Central Organization. Pp. xxxviii. Part 2: The Scientific Report of the Researches undertaken by the Central Organization and Its Autonomous Councils in the United Kingdom and by some of Its Affiliated Organizations Overseas. Pp. xxxix-ix+698. (London: British Empire Cancer Campaign, 1963.) [57]

British Broadcasting Corporation. B.B.C. Engineering Monograph No. 48: The Development of B.B.C. Internal Telecommunications. By J. M. Chorley and J. S. Norwell. Pp. 23. (London: British Broadcasting Corporation, 1963.) 5s. [57]

Royal Observatory Bulletins. No. 63: The Solar and Luni-Solar Daily Variation of the Geomagnetic Field at Greenwich and Abinger, 1916-1957. By B. R. Leaton, S. R. Main and H. F. Finch. Pp. D273-D318. (London: H.M. Stationery Office, 1963.) 6s. 6d. net. [57]

National Association for Mental Health. Another Kind of School. (A leaflet for parents of children who are not accepted for school.) Pp. 4. (London: National Association for Mental Health, 1963.) 6d. [57]

National Society for Clean Air. Clean Air Year Book, 1963-64. Pp. 112. (London: National Society for Clean Air, 1963.) 2s. 6d. [57]

Anti-Locust Bulletin No. 40: Field Studies on Solitary and *transiens* Desert Locusts in the Red Sea Area. By Z. Waloff. Pp. iv+93. (London: Anti-Locust Research Centre, 1963.) 22s. 6d. [57]

General Register Office. Census 1961—England and Wales. County Report: Radnorshire. Pp. xxii+46. 11s. 6d. net. County Report: Pembrokeshire. Pp. xxiii+54. 13s. net. County Report: Caernarvonshire. Pp. xxiii+58. 14s. net. (London: H.M. Stationery Office, 1963.) [87]

### Other Countries

India: Council of Scientific and Industrial Research. Central Mining Research Station, Dhanbad. Research Papers. Ref. V1/1: Studies with Sodium Dithionite Solution Containing Small Amounts of Hydroquinone as Oxygen Absorbent in Gas Analysis Apparatus. Pp. 13. Ref. H1/2: A Preliminary Work on Assessment of Dust Hazard in Indian Mines. By Dr. M. K. Chakraborty. Pp. 12. Ref. V2/3: Use of Complexone in Mineral Analysis—a Rapid Complexometric Method of Analysis on Manganese Ores and Minerals. By B. P. Bhaduri, Sarkar Baisnabdas and S. K. Majumdar. Pp. 15. Ref. CMRS-M1/4: Hydraulic Stowing of Crushed Stone in an Indian Mine—a Study and Investigation. By Dr. K. N. Sinha and B. Dasandhi. Pp. 13. Ref. CMRS-V3/5: Illumination Survey in an Indian Coal Mine. Pp. 17. Five-Year Report, 1956-1961. Pp. 58. Annual Report, 1961-1962. Pp. 60. (Dhanbad: Central Mining Research Station, 1961, 1962 and 1963.) [27]

State of Illinois: Department of Registration and Education. Natural History Survey Division. Bulletin, Vol. 28, Article 2: The Fishes of Champlain County, Illinois, as Affected by 60 Years of Stream Changes. By R. Weldon Larimore and Philip W. Smith. Pp. iii+299-382. (Urbana, Ill.: Illinois Natural History Survey, 1963.) [27]

United States Department of the Interior: Geological Survey. Bulletin 1121-M: Geology of the Inyan Kara Mountain Quadrangle, Crook and Weston Counties, Wyoming. By W. J. Mapel and C. L. Pilmore. Pp. iv+56+plates 1-3. Water-Supply Paper 1590: Ground-Water Resources of the Fairbanks Area, Alaska. By D. J. Cederstrom. Pp. iv+84+plates 1 and 2. (Washington, D.C.: Government Printing Office, 1963.) [27]

India: Council of Scientific and Industrial Research. Report of the Director of the Central Fuel Research Institute for the year 1959-60. Pp. v+177. (Jaalgora, Dhanbad: Central Fuel Research Institute.) [27]

Canada: Department of Northern Affairs and National Resources. National Museum of Canada. Bulletin No. 186 (Biological Series, No. 70): Contributions to Botany, 1960-61. Pp. v+148. (Ottawa: Queen's Printer, 1963.) [27]

East African Common Services Organization. Annual Report of the East African Meteorological Department for 1961/62. Pp. 36. (Nairobi: East African Meteorological Department, 1963.) Sh. 3/50. [27]

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National Institute of Sciences of India. Black Soils of India. By S. P. Raychaudhuri, B. B. Roy, S. P. Gupta and M. L. Dewan. Pp. iv+47. (New Delhi: National Institute of Sciences of India, 1963.) [27]

Some Cosmochemical Problems. By Prof. Harold C. Urey. (Notes on the Thirty-seventh Annual Priestley Lectures.) Edited and Sponsored by Mu Chapter, Phi Lambda Upsilon and Associated Departments. Pp. x+181. (University Park, Pennsylvania: Phi Lambda Upsilon, Whitmore Laboratory, The Pennsylvania State University, 1963.) [27]

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