

member of staff who should receive the same salary as he would have received had he been an NHS consultant.

This problem raises the difficult question of disparity of pay between different faculties of a university. We do not consider that the pay of doctors and dentists should be as of right be higher than that of other university staff, but, if medical schools are to thrive, their clinical staff who are practising doctors and dentists should receive a salary which is comparable with their counterparts in the NHS.

Yours faithfully,

NORMAN MORRIS (London)
IAN BOUCHIER (London)
GORDON CUMMING (Birmingham)
ALASTAIR CONNELL (Belfast)
ROBERT LOWE (London)
IAIN MACINTYRE (London)
CLIFFORD MAWDSLEY (Edinburgh)
SIDNEY TRUELOVE (Oxford)

Executive Committee,
Association of University
Clinical Academic Staff,
Department of Obstetrics and Gynaecology,
Charing Cross Hospital Medical School,
London WC2.

University News

Dr R. M. Alexander, University College of North Wales, Bangor, has been appointed professor and head of the department of zoology at the **University of Leeds**.

Dr D. Shaw has been appointed to the new post of dean of the Faculty of Science at the **University of Liverpool**.

Appointments

Mr Geoffrey Hubbard has been appointed director of the National Council for Educational Technology in succession to Mr R. A. Becher.

Professor N. C. Hunt, University of Edinburgh, and **Professor D. Lewis**, University College London, have been appointed members of the University Grants Committee. **Professor J. Black**, Bath University of Technology, and **Mr G. S. Bosworth**, Newcastle upon Tyne Polytechnic, have been reappointed to the committee.

Dr C. E. Lucas and **Mr G. B. R. Feilden** have been appointed to fill two places on the Council for Scientific Policy which have been vacated by Dr J. B. Adams and Lord Jackson of Burnley.

Announcements

The medal of the **Society of Chemical Industry** will be awarded to Professor F. Morton of the University of Manchester Institute of Science of Technology. The **Platinum Medal of the Institute of Metals** has been awarded to Sir Ronald Prain in recognition of his services to the non-ferrous metal industries; the institute's **Rosenhain Medal** has been awarded to Professor J. W. Christian, professor of physical metallurgy at the University of Oxford, in recognition of his contributions in the field of physical metallurgy; and the **W. H. A. Robertson Medal** has been awarded to T. W. Allen and L. J. Cartmell for their paper "The Use of a High-Speed Press for the Forging of Nickel-Base Alloys".

The Councils of the Royal Society and the Australian National University are establishing a memorial fund in commemoration of **Lord Florey**, to be used for visiting research fellowships in the biomedical sciences between Australia and the UK. Particulars can be obtained from the Royal Society (Florey Fund), 6 Carlton House Terrace, London SW1.

The annual course for laymen in **Tropical Hygiene** will be held by the Ross Institute during July 7-11. Further details can be obtained from the Ross Institute of Tropical Hygiene, London School of Hygiene and Tropical Medicine, Keppel Street (Gower Street), London WC1.

The **British Society for Cell Biology** has formed a study group to make a survey of the teaching of cell biology to undergraduates, graduates and technicians. Those who teach courses in this subject or recruit and employ cell biologists are invited to send information to Dr L. G. E. Bell, Department of Zoology, The University, Southampton, Hampshire.

The International Union Against Cancer will be awarding the **American Cancer Society Eleanor Roosevelt International Cancer Fellowships** for periods of study abroad in the experimental or clinical aspects of cancer research. Further details can be obtained from International Union Against Cancer, PO Box 400, 1211 Geneva 2, Switzerland.

The **National Academy of Engineering**, Washington, has awarded its fourth Founders Medal to **Dr H. Nyquist** in recognition of his contributions to engineering.

The **Institute of Physics and the Physical Society** has awarded the **Guthrie Medal** to Professor C. F. Powell, University of Bristol, for his contributions to particle physics; the **Glazebrook Medal** to Lord Penney, Imperial College, University of London, for his work on the development of nuclear explosives and other applications of atomic energy; the **Thomas Young Medal** to Professor G. Toraldo di Francia, University of Florence, for his work on optics and microwave physics; the **Charles Chree Medal** to Professor S. K. Runcorn, University of Newcastle upon Tyne, for his work on palaeomagnetism; the **Duddell Medal** to Professor C. W. Oatley, University of Cambridge, for his development of the scanning electron microscope; the **Bragg Medal** to Mr J. L. Lewis, Malvern College, for his work on the teaching of physics in schools; and the **Charles Vernon Boys Prize** to Mr H. P. Rooksby, General Electric Company Ltd, for his work in X-ray crystallography.

The **Geological Society of London** has awarded the **Wollaston Medal** to Professor W. M. Ewing, University of Columbia, for his contributions to geological studies of the oceans and seismic wave propagation; the **Murchison Medal** to Dr P. E. Kent, British Petroleum Company Limited, in recognition of his work in economic geology and British stratigraphy; the **Lyell Medal** to Professor F. J. Turner, University of California, for his contributions to the study of metamorphic rocks; the **Bigsby Medal** to Dr R. G. West, University of Cambridge, for his work in Pleistocene stratigraphy and the vegetational history of Britain; and the **Prestwich Medal** to Dr L. S. B. Leakey and Mrs Mary Leakey for their contributions to palaeoanthropology and to East African stratigraphy. The proceeds of the Society's **Wollaston Fund** have been awarded to Dr M. G. Audley-Charles, Imperial College, University of London, for his stratigraphical studies; the proceeds of the **Murchison Fund** to Dr A. Hallam, University of Oxford, for his work in stratigraphy, palaeo-ecology and sedimentology; the **Lyell Fund** has been divided between Dr E. R. Oxburgh, University of Oxford, for his work on the structure of the Austrian Alps and on the flow of the Upper Mantle, and Dr N. J. Price, Imperial College, University of London, for his work on the rheological properties of rock materials.

ERRATUM. Dr J. G. Makari of Makari Research Laboratories Incorporated, 223 South Dean Street, Englewood, New Jersey, has written to say that the article "Production of Self-directed Antibody by Tumour Cells" by Dr J. Charney (*Nature*, 220, 504; 1968) did not refer to his earlier formulation of the concept of the formation by tumour cells of antibodies directed at the tumour cells themselves

(see *J. Amer. Geriatrics Soc.*, 9, 8; 1961). Dr Charney has written to say that the claim is entirely valid and that he regrets his neglect of these references.

ERRATUM. In the article "Spontaneous and Amethopterin-induced Death of L1210 Leukaemia Cells *in vivo*" by Kurt G. Hofer *et al.* (221, 576; 1969) the meaning of the sentence starting five lines down in the seventh paragraph was reversed. It should have read "This life prolongation is accompanied by an increased loss of ^{125}I ".

International Meetings

April 14–18, **Fracture**, Brighton (Secretary, International Congress on Fracture, Sudbury House, 15 Newgate Street, London EC1).

May 19–30, **Integration of Endocrine and Non-Endocrine Mechanisms in the Hypothalamus**, Stresa (Dr L. Martini, Department of Pharmacology, University of Milan, 32 Via Vanvitelli, 20129 Milan, Italy).

July 8–9, **Oxidation in Organic Chemistry**, Manchester (Dr G. Holt, University of Manchester Institute of Science and Technology, PO Box 88, Sackville Street, Manchester 1, UK).

July 23–25, **Plasma Kinins**, Florence (Dr D. Armstrong, Department of Pharmacology, Middlesex Hospital Medical School, Cleveland Street, London W1P 6DB)

August 6–8, **Applications of X-Ray Analysis**, Denver (Dr J. B. Newkirk, Metallurgy Division, Denver Research Institute, University of Denver, Denver, Colorado 80210, USA).

August 20–27, **International Congress of Pure and Applied Chemistry and International Conference on Coordination Chemistry**, Australia (Mr J. R. Price, Box 2249U GPO, Melbourne, Australia 3001).

August 25–29, **Agricultural Aviation**, Canada (Mr M. K. Ward, c/o National Research Council of Canada, Ottawa 7, Ontario, Canada).

September 1–5, **Cybernetics**, London (Dr J. Rose, Secretary, International Cybernetics Congress Committee, c/o College of Technology and Design, Blackburn BB2 1LH, Lancashire, UK).

September 1–5, **Neurochemistry**, Milan (Professor R. Paoletti, Institute of Pharmacology, University of Milan, Via Vanvitelli 32, 20129 Milan, Italy).

September 2–5, **Bird Hazards to Aircraft**, Ontario (Mel. K. Ward, Conference Secretary, c/o National Research Council of Canada, Division of Building Research, Montreal Road, Ottawa 7, Ontario, Canada).

September 2–7, **Embryology**, Moscow (Professor A. S. G. Curtis, Department of Cell Biology, The University, Glasgow W2, UK).

September 3–5, **Safety and Failure of Components**, Sussex (Conference Department, Institute of Mechanical Engineers, 1 Birdcage Walk, London SW1).

September 3–5, **Fifteenth Canadian High Polymer Forum**, Ontario (Dr R. St John Manley, Pulp and Paper Research Institute, McGill University, Montreal, Quebec, Canada).

September 3–6, **Chemistry in Agriculture**, Bratislava (Secretariat, PO Box 197, Bratislava, Czechoslovakia).

September 8–10, **Distillation**, Brighton (Institution of Chemical Engineers, 16 Belgrave Square, London SW1).

September 8–12, **Microwaves**, London (Joint Conference Secretariat, Institution of Electrical Engineers, Savoy Place, London WC2).

September 24–27, **Diseases of Fish**, Stockholm (International Office of Epizootics, 12 Rue de Prony, 75, Paris 17, France).

BRITISH DIARY

Monday, March 17

UNIVERSITY OF LONDON (at the Royal Veterinary College, Hawkshead House, Hawkshead Lane, North Mimms, Hatfield), at 5.15 p.m.—Professor Robert S. Brodey: "Canine Bone Neoplasms".

BRITISH SOCIETY FOR THE HISTORY OF SCIENCE (in the Lecture Theatre of the Science Museum, Exhibition Road, London, SW7), at 5.30 p.m.—Dr David Knight: "The Fourth State of Matter".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Discussion meeting on "Interference Problems in Measurements using Potentiometric Recording Instruments", opened by Mr H. J. Roosdorp.

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Mr S. H. Money and Mr J. Harris: "Autoreclosing Switchgear in Distribution Practice".

Tuesday, March 18

SOCIETY OF CHEMICAL INDUSTRY, AGRICULTURE GROUP (at 14 Belgrave Square, London, SW1), at 10.30 a.m.—Meeting on "Harmful Contaminants of Animal Foods".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W1), at 3 p.m.—Sir Lawrence Bragg, CH, FRS: "Sound". (Lecture for Preparatory School pupils from schools in London and the Home Counties. To be repeated on March 19 and 20.)

UNIVERSITY OF LONDON (at the Royal Veterinary College, Hawkshead House, Hawkshead Lane, North Mimms, Hatfield), at 5 p.m.—Professor R. S. Brodey: "Canine Mammary Neoplasms".

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS, MANAGEMENT TECHNIQUES GROUP (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, WC1), at 6 p.m.—Dr F. E. Jones: "How an Engineer can Take Part in the Total Management of a Company".

SOCIETY OF CHEMICAL INDUSTRY, MANAGEMENT GROUP (joint meeting with the London Section, Heavy Organic and Chemical Engineering Groups, at 14 Belgrave Square, London, SW1), at 6 p.m.—Mr A. W. Forster: "The Management of Large Plant Complexes".

PLASTICS INSTITUTE, NORTH-EASTERN SECTION (at Eldon Grill, Grey Street, Newcastle upon Tyne), at 7 p.m.—Mr M. Kirke: "A Review of the Engineering Properties of Plastics".

Wednesday, March 19

CONSORTIUM FOR POLYMER SCIENCE (at the University of Essex, Wivenhoe Park, Colchester, Essex) meeting on "Statistical Model of Polymers" (Polymer Meeting Point 3).

CHEMICAL SOCIETY, PROTEIN GROUP (in the Lecture Theatre of the Dyson Perrins Laboratory, South Parks Road, Oxford), at 10 a.m.—Professor Dorothy Hodgkin, OM, FRS: "Recent Work on the X-ray Crystallography of Proteins", followed by short original contributions from members.

ROYAL INSTITUTION, HISTORY OF SCIENCE DISCUSSION GROUP (at 21 Albemarle Street, London, W1), at 1 p.m.—Summary and General Discussion on the topic "History of Relations between the Physical and Biological Sciences" introduced by Mr Frank Greenaway.

BRITISH INSTITUTE OF RADIOLOGY (at 32 Welbeck Street, London, W1), at 5 p.m.—Joint Diagnostic Radiology–Nuclear Medicine Meeting on "Cerebral Blood Flow".

ROYAL METEOROLOGICAL SOCIETY (at 49 Cromwell Road, London, SW7), at 5 p.m.—Scientific Papers.

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Professor H. Charnock: "Physics of the Sea".

PLASTICS INSTITUTE (at the Great Western Royal Hotel, Paddington), at 5.30 p.m.—Mr R. B. Matthews: "Defence Against Industrial Espionage".

INSTITUTION OF MECHANICAL ENGINEERS, MANIPULATIVE AND MECHANICAL HANDLING MACHINERY GROUP (at 1 Birdcage Walk, London, SW1), at 6 p.m.—Mr B. V. Morgan: "The Approximate Determination of Basic Data for Twin Hoist Motor AC Electric Overhead Travelling Grabbing Cranes".

SOCIETY OF CHEMICAL INDUSTRY, OILS AND FATS GROUP (at 14 Belgrave Square, London, SW1), at 6.15 p.m.—Mr J. N. Stokoe: "Corrosion Problems in Oils and Fats Processing".

INSTITUTE OF FUEL (at the Polygon Hotel, Southampton), at 7 p.m.—Dr D. Anson and Mr D. Tindall: "The Development of a Standard Oil Burner in a Range of Sizes for Power Stations".

NORTH WALES METALLURGICAL SOCIETY (at the Flintshire College of Technology, Connah's Quay, Deeside, Flintshire), at 7 p.m.—Mr W. H. Summers, Mr W. O. Thomas and Mr M. J. Ray: "Continuous Casting—In or Out?"

Thursday, March 20

ROYAL SOCIETY (at 6 Carlton House Terrace, London, SW1), at 4.15 p.m.—Meeting for the Election of Fellows, followed by Professor Dorothy M. C. Hodgkin, OM, FRS: "The Structures of some Biochemically Interesting Molecules—a Research Report" (Review Lecture).

INSTITUTION OF MINING AND METALLURGY (at the Geological Society, Burlington House, Piccadilly, London, W1), at 5 p.m.—Mr A. B. Holland-Batt: "Further Development of the Royal School of Mines On-Stream Particle Size Analyser"; Professor A. Niemi and Mr T. Koskinen: "Simulation of the Copper Converter"; Professor C. B. Alcock and Dr J. H. E. Jeffes: "Thermodynamic Background for the Formation of Alloys and Intermetallic Compounds by Vapour-Phase Transport Reactions".

LINNÆAN SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W1), at 5 p.m.—Dr N. K. B. Robson: "Evolutionary Recall in *Hypericum* (St John's Wort)"; Mr A. R. Smith: "The Vegetation of the Socotran Archipelago".

BRITISH SOCIETY FOR INTERNATIONAL HEALTH EDUCATION (at the Haberdashers' Hall, Staining Lane, London, EC2), at 5.30 p.m.—Sir George Godber and Professor Guy Steuart: "Positive Health and Medical Education".