

Announcements

University News

Dr J. W. Black, Smith Kline and French Research Institute, has been appointed to the chair of pharmacology tenable at University College, and **Dr M. J. Perkins**, King's College, has been appointed to the chair of chemistry tenable at Chelsea College, University of London.

Barry T. Turner has been appointed to the chair of industrial management, University of Newcastle upon Tyne.

Dr R. W. Baldwin has been appointed professor in tumour biology, University of Nottingham.

Dr Hans Motz has been appointed to the chair of engineering, University of Oxford.

Appointments

Lord Stokes of Leyland has taken office as president of the Institution of Mechanical Engineers.

Professor F. R. Bell, Royal Veterinary College, London, **Mr D. W. Jolly**, Huntingdon Research Centre, and **Dr G. E. Paget**, Smith Kline and French Laboratories, have been appointed members of the Medicines Commission.

Mr Umberto Colombo, science adviser to the Italian Minister for Research Coordination, has been elected chairman of the OECD Science and Technological Committee. **Sir Ronald Walker**, **Professor Frits Bottcher** and **Mr David Beckler** were elected vice-chairmen.

William C. Ackerman, Illinois State Water Survey, **Paul F. Chenea**, General Motors Corporation, **W. Kenneth Davis**, Bechtel Corporation, and **W. Deming Lewis**, Lehigh University, have been elected to the Council of the US National Academy of Engineering.

Miscellaneous

Sir Rudolph Peters has been awarded the second British Nutrition Foundation prize, for his distinguished research.

The following have been elected Foreign Members of the Royal Society: Academician **Professor J. M. Bijvoet**, formerly of the State University of Utrecht; **Dr K. S. Cole**, US National Institutes of Health; **Dr M. Ewing**, Columbia University; **Dr L. F. Leloir**, Institute of Biochemical Research, Buenos Aires.

The **Appleton Prize**, awarded every three years by the Council of the Royal Society in consultation with the Board of Officers of URSI, in commemoration of Sir Edward Appleton, will be presented this year to **Professor R. A. Helliwell**, Stanford University, for his contributions to the theory of the propagation of electromagnetic radiation in the Earth's magnet-

New Academy Members

ONE of the chief functions of the annual meeting of the National Academy of Sciences is to elect new members. Seventy-five scientists had the honour of membership bestowed upon them recently, bringing the total membership to 950. The new members are:

Bruce Nathan AMES, University of California, Berkeley; **Henry Herman BARSCHALL**, University of Wisconsin; **Alexander Gordon BEARN**, Cornell University Medical College; **Baruj BENACERRAF**, Harvard Medical School; **Kenneth Merle BRINKHOUS**, University of North Carolina; **Roy John BRITTEN**, Carnegie Institution of Washington; **Roger William BROWN**, Harvard University; **Avram Noam CHOMSKY**, Massachusetts Institute of Technology; **James Samuel COLEMAN**, Johns Hopkins University; **Sidney Paul COLOWICK**, Vanderbilt University; **Rodney Lee COOL**, Rockefeller University; **Albert Victor CREWE**, University of Chicago; **Stanley Jerome CRISTOL**, University of Colorado; **Robert Alan DAHL**, Yale University; **William Jefferson DARBY**, Vanderbilt University School of Medicine; **Vincent Paul DOLE**, Rockefeller University; **Richard James DUFFIN**, Carnegie-Mellon University; **Frank Donald DRAKE**, Cornell University; **Pol Edgard DUWEZ**, California Institute of Technology; **Ernest Ludwig ELIEL**, University of Notre Dame; **Hans Peter EUGSTER**, Johns Hopkins University; **Harold J. EVANS**, Oregon State University; **Don Wayne FAWCETT**, Harvard University; **Leon FESTINGER**, New School for Social Research; **George Brooks FIELD**, University of California, Berkeley; **Maxwell FINLAND**, Harvard Medical School; **Joseph Grafton GALL**, Yale University; **John Heysham GIBBON, Jr**, Jefferson Medical College; **Peter Carl GOLDMARK**, CBS Laboratories (recently retired); **Peter Martin GOLDREICH**, California Institute of Technology; **Ralph Edward GOMORY**, IBM; **Erwin Louis HAHN**, University of California, Berkeley; **Jack Rodney HARLAN**, University of Illinois; **Roy HERTZ**, Population Council, New York; **James Gerald HIRSCH**, Rockefeller University; **James Lynn HOARD**, Cornell University; **Roald HOFFMANN**, Cornell University; **George Caspar HOMANS**, Harvard University; **George William HOUSNER**, California Institute of Technology; **Francis Clark HOWELL**, University of California, Berkeley; **Henry Seymour KAPLAN**, Stanford University School of Medicine; **Samuel KARLIN**, Stanford University and Weizmann Institute; **Donald KENNEDY**, Stanford University; **George Brampton KOELLE**, University of Pennsylvania School of Medicine; **Simon Smith KUZNETS**, Harvard University; **Henry Sherwood LAWRENCE**, New York University School of Medicine; **Alexander LEAF**, Harvard Medical School; **Robert Duncan LUCE**, Institute for Advanced Study; **Willem van Rensselaer MALKUS**, Massachusetts Institute of Technology; **Robert Bruce MERRIFIELD**, Rockefeller University; **Kurt Martin MISLOW**, Princeton University; **Oliver Evans NELSON**, University of Wisconsin; **Allen NEWELL**, Carnegie-Mellon University; **Charles Egerton OSGOOD**, University of Illinois; **Robert Lamar PIGFORD**, University of California, Berkeley; **Frederick Chapman ROBBINS**, Case Western Reserve Medical School; **Reed Clark ROLLINS**, Harvard University; **Jerzy Edwin ROSE**, University of Wisconsin; **Saul ROSEMAN**, Johns Hopkins University; **Malvin Avram RUDERMAN**, Columbia University; **Elizabeth Shull RUSSELL**, Jackson Laboratory; **Gertrude SCHARFF-GOLDBERGER**, Brookhaven National Laboratory; **Robert Merton SOLOW**, Massachusetts Institute of Technology; **Alexander SPOEHR**, University of Pittsburgh; **Charles TANFORD**, Duke University Medical School; **Hans Lukas TEUBER**, Massachusetts Institute of Technology; **Lewis THOMAS**, Yale University; **James TOBIN**, Yale University; **Sam Bard TREIMAN**, Princeton University; **Pindaros Roy VAGELOS**, Washington University School of Medicine; **Steven WEINBERG**, Massachusetts Institute of Technology; **John Roy WHINNERY**, University of California, Berkeley; **George William WHITEHEAD**, Massachusetts Institute of Technology; **William Barry WOOD III**, California Institute of Technology; **Robert Walter ZWANZIG**, University of Maryland; the posthumous election of **Dr Solomon Aaron Berson**, Mt Sinai School of Medicine, was also announced by the Academy.

The National Academy of Sciences also announced the election of twelve foreign associates of the academy. Their election brings the total for foreign associates of the academy to 120. The newly elected foreign associates are:

Ronald Percy BELL, University of Stirling, Scotland; **Henri CARTAN**, Institut Henri-Poincaré, Paris; **Alan COTTRELL**, Deputy Chief Scientific Adviser to Her Majesty's Government, Cambridge, England; **Osamu HAYAISHI**, Kyoto University, Japan; **John Cowdery KENDREW**, Medical Research Council Laboratory of Molecular Biology, Cambridge, England; **Ralph von KOENIGSWALD**, Senckenberg Museum, Frankfurt am Main, Germany; **Yuval NE'EMAN**, Tel Aviv University, Tel Aviv, Israel; **Marcel NICOLET**, Institute for Space Astronomy, Brussels, Belgium; **Rodney R. PORTER**, University of Oxford, Oxford, England; **Ulf Svante VON EULER**, Karolinska Institute, Stockholm, Sweden; **János SZENTAGOTAI**, University of Budapest Medical School, Budapest, Hungary; **Mogens WESTERGAARD**, Carlsberg Foundation, Copenhagen, Denmark.

The members of the National Academy of Sciences also elected **Emanuel R. Piore**, IBM, to a second term of office as NAS treasurer, and the following four persons were elected members of the council of the academy: **Lewis M. Branscombe**, National Bureau of Standards; **Preston Cloud**, University of California, Santa Barbara; **Harry Eagle**, Albert Einstein College of Medicine; and **Frank Westheimer**, Harvard University.