

SIR COLIN BLAKEMORE

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Born: 1 June, 1944; Stratford-upon-Avon, UK

Nationality: British

Married to: Andrée Elizabeth Washbourne

3 daughters: Sarah-Jayne, Sophie, Jessica

CURRENT APPOINTMENTS

- 2019- Yeung Kin Man Chair Professor of Neuroscience, City University of Hong Kong
- 2017- Senior Fellow, Hong Kong Institute for Advanced Study, City University of Hong Kong
- 2019- Distinguished Guest Professor, Chinese Academy of Sciences Institute of Neuroscience, and International Center for Primate Brain Research, Shanghai
- 2019- Distinguished Senior Fellow, Institute of Philosophy, School of Advanced Study, University of London
- 2012- Emeritus Professor of Neuroscience, University of Oxford
- 2012- Emeritus Fellow of Magdalen College, Oxford
- 2010- Honorary Professor, Medical School, University of Warwick
- 2008- Adjunct Professor, Duke-NUS Graduate Medical School, Singapore

EDUCATION

- 1955-62 King Henry VIII Grammar School, Coventry, UK
- 1962 State Scholarship and Colonel Sir William Wyley Scholarship to Corpus Christi College, Cambridge
- 1963 Bacon Exhibition and Bacon Prize, Corpus Christi College
- 1964 Smyth Scholarship and College Prize, Corpus Christi College
- 1962-5 Medical Sciences
- 1965 **BA Class I**
- 1965 University Scholarship, St Thomas's Hospital, London (not taken up)
- 1965-8 Postgraduate student in Physiological Optics, Neurosensory Laboratory, University of California, Berkeley. Supervisor: HB Barlow, FRS
- 1965-7 Harkness Fellow (Commonwealth Fund)
- 1967-8 Research Fellow, Fight for Sight and Woman's Auxiliary to the American Optometric Association
- 1968 (March) **PhD (California)** (Grade point average 3.99 out of 4.00)
- 1969 **MA (Cantab)** 1979 **MA (Oxon)**
- 1988 **ScD (Cantab)** 1989 **DSc (Oxon)**

HONORARY DEGREES (and equivalent)

- 1992 Honorary DSc, Aston University
- 1994 Honorary DSc, Salford University
- 1998 Honorary Fellowship, Cardiff, University of Wales
- 2005 Honorary DSc, University of Manchester
- 2005 Honorary DSc, University of Aberdeen
- 2005 Honorary Professor, Peking Union Medical College (Chinese Academy of Medical Sciences)
- 2007 Honorary DSc, King's College London

2008	Honorary DM, University of Nottingham
2011	Honorary DUniv, The Open University
2011	Honorary DUniv, York University

PAST APPOINTMENTS

1968 (April) -72	University Demonstrator in Physiology, University of Cambridge
1971-9	Official Fellow and Director of Medical Studies, Downing College, Cambridge
1972-9	University Lecturer in Physiology, Cambridge (on leave 1976-9)
1976-9	Royal Society Locke Research Fellow
1979-2007	Waynflete Professor of Physiology, University of Oxford (Head of Department for 14 years)
1990-6	Associate Director, Medical Research Council Research Centre in Brain and Behaviour, Oxford
1990-2003	Director, McDonnell-Pew Centre for Cognitive Neuroscience, Oxford
1996-2003	Director, Medical Research Council Centre for Cognitive Neuroscience, Oxford
2003-2007	Chief Executive of the Medical Research Council (on Special Leave from Oxford)
2007-10	Professor of Neuroscience, University of Warwick
2007-12	Professor of Neuroscience, University of Oxford
1979-2012	Professorial Fellow of Magdalen College, Oxford
2012-18	Professor of Neuroscience & Philosophy & Director of the Centre for the Study of the Senses, Institute of Philosophy, School of Advanced Study, University of London
2013-18	Founder & Director of The Human Mind Project, School of Advanced Study, University of London

MEMBERSHIP OF ACADEMIES

1988	Member, Academia Rodinensis Pro Remediatione, Stockholm, Sweden
1990	Honorary Professor, China Academy of Management Science
1992	Fellow of the Royal Society (FRS)
1993	Foreign Member, Royal Netherlands Academy of Arts and Sciences
1995	Member, Academia Europaea (Academy of Europe) (MAE)
1998	Founder Fellow, Academy of Medical Sciences (FMedSci)
2005	Honorary Professor, Chinese Academy of Medical Sciences (Peking Union Medical College)
2007	Honorary Fellow, Indian Academy of Neurosciences
2008	Foreign Fellow, National Academy of Sciences, India
2009	Foreign Member, Chinese Academy of Engineering
2011	Member, European Academy of Sciences and Arts
2012	Member, DeTao Masters Academy, People's Republic of China
2017	Member, New York Academy of Sciences

HONORARY MEMBERSHIPS, FELLOWSHIPS, PRESIDENCIES ETC

World Cultural Council (Consejo Cultural Mundial)

1983-2014	Honorary President
2011-14	Vice-President
2014-	President

British Association for the Advancement of Science (now the British Science Association)

1989	President of the General Section
1990-7	Vice-President
1997-8	President
1998-2001	Vice-President
2001-3	Chair
2001-	Honorary Fellow (FBAASc)

Institute of Biology

1996-	Fellow and Chartered Biologist
2004-	Honorary Fellow

British Neuroscience Association

1997-2000 Founding President

2013- Patron

The Physiological Society

1998- Honorary Member

2001-3 President

Biosciences Federation (now the Royal Society of Biology)

2002-4 Founding President, Biosciences Federation

2002-9 Honorary Fellow, Biosciences Federation

2009- Honorary Fellow, Royal Society of Biology (FRSB)

Progressive Supranuclear Palsy Association

2004- Vice President

2012-19 Trustee and Director

2019- Honorary Trustee

Motor Neurone Disease Association

2005-8 Patron

2005- Honorary Member

2008-20 President

2020- Patron

1978-9 Lethaby Professor, Royal College of Art

1986- Honorary Associate, Rationalist Association

1988- Member, World Federation of Scientists (Erice)

1991-92 Honorary Member, Chelsea Arts Club (Member, 1991-present)

1994- Honorary Fellow, Corpus Christi College, Cambridge

1994-8 Fellow, World Economic Forum

1996- Honorary Member, Alpha Omega Alpha Honor Medical Society, USA (for contributions to medicine)

1996- Patron, Humanists UK (formerly British Humanist Association)

1996- Lifelong Member, Alcon Research Institute, Fort Worth, Texas

1998- Member of the Livery, Worshipful Company of Spectacle Makers

1998- Freeman of the City of London

1999- Honorary Fellow, Downing College, Cambridge

<http://www.dow.cam.ac.uk/people/professor-sir-colin-blakemore>

1999- Honorary Member, Maverick Club

2000- Honorary Associate, Rationalist International

2000- Patron, Oxford University Scientific Society

2001- Honorary Associate, Cheltenham Festival of Science

2003- Fellow, World Innovation Foundation

2003- Honorary Member, Cambridge Union Society

2003- Fellow of the Royal Society of Medicine (FRSM)

2004-15 Honorary President, Association of British Science Writers (ABSW)

2004- Honorary Fellow of the Royal College of Physicians (FRCP)

2005-8 President, British Biology Olympiad

2007- Honorary Fellow, British Pharmacological Society (FBPhS)

2009-13 Honorary President, IUPS 2013 (Congress of the International Union of Physiological Sciences)

2010- Honorary Associate, National Secular Society

2010-13 President, Brain Tumour UK

2011- Patron, Humanists for a Better World

2012 Honorary Fellow of the Royal Society of Medicine (FRSM)

2012- Honorary Visiting Fellow, Wellcome Trust Centre for Neuroimaging, University College London

2013- President, The Brain Tumour Charity

2016- Honorary Associate, Church and State

2020- Patron, British Pugwash

AWARDS AND PRIZES

1972 Silver Award, British Medical Association Film Competition, for educational films

1973 Silver Award, Padua International Film Festival, for educational films

1974 Certificate of Educational Commendation, British Medical Association, for educational films

1974-5 Leverhulme Fellowship

1975 Robert Bing Prize for Neurology and Neurophysiology (Swiss Academy of Medical Sciences)

1977 Copeman Medal for Scientific Research (Corpus Christi College, Cambridge)

1978 Richardson Cross Medal (South Western Ophthalmological Society)

1978 Man of the Year (Royal Association for Disability and Rehabilitation)

1978 Phi Beta Kappa Award in Science “for contribution to the literature of science” (Phi Beta Kappa)

1983 John Locke Medal (The Worshipful Society of Apothecaries)

1984 Prix du Docteur Robert Netter (Netter Prize) (Académie Nationale de Médecine, France), “for research on developmental disorders of vision”

1986 Cairns Memorial Medal (Cairns Memorial Fund)

1988 Norman McAlister Gregg Award in Medical Science (Royal Australian and New Zealand College of Ophthalmologists)

1989 Owen Aves Memorial Medal (Yorkshire Optical Society)

1989 Michael Faraday Prize and Medal (The Royal Society)

1989 Robert Doyne Medal (Oxford Ophthalmological Congress)

1990 GL Brown Prize (The Physiological Society)

1990 John P McGovern Science and Society Medal (Sigma Xi, Research Triangle Park, NC, USA)

1991 Montgomery Medal (Royal College of Surgeons in Ireland and the Irish Ophthalmological Society)

1992 Finalist for the Science pour l'Art Prize (Moët Hennessy/Louis Vuitton, Paris, France)

1993 Osler Memorial Medal (University of Oxford)

1993 Ellison-Cliffe Medal (Royal Society of Medicine)

1994 Charles F Prentice Award and Medal (American Academy of Optometry)

1995 Annual Review Prize (The Physiological Society)

1996 Alcon Research Institute Award “for research relevant to clinical ophthalmology” (Alcon Research Institute, Fort Worth, Texas)

1998 Memorial Medal of the Charles University, Prague, Czech Republic

2001 Alfred Meyer Award (British Neuropathological Society)

2001 Charter Award and Medal (Royal Society of Biology; formerly Institute of Biology)

2001 Baly Gold Medal (Royal College of Physicians)

2001 BNA Award for Outstanding Contribution to Neuroscience (British Neuroscience Association)

2001 Menzies Medal (The Menzies Foundation, Melbourne, Australia)

2004 BioIndustry Association Award “for outstanding personal contribution to bioscience”

2004 Lord Crook Gold Medal (Worshipful Company of Spectacle Makers)

2005 Edinburgh Medal (City of Edinburgh)

2005 Science Educator Award (Society for Neuroscience)

2005 Harveian Oration (Royal College of Physicians)

2006 Kenneth Myer Medal (Howard Florey Institute, University of Melbourne, Australia)

2008 Finalist (with Sir Martin Evans and Sir David King) for the Morgan Stanley Great Briton of the Year Award

2009 James Bull Gold Medal (British Society of Neuroradiologists)

2010 Winner, Science documentaries, 2010 Festival de Film CinéGlobe, CERN, Geneva, Switzerland for *The Man Who Stopped Smoking*; documentary on the life of Sir Richard Doll, presented by Colin Blakemore; made for the *BMJ* (<http://cineglobe.ch/2010/>)

2010 Ferrier Prize & Lecture (The Royal Society)

2010 Ida Mann Medal (Oxford Eye Hospital)

2011 EXCEL Silver Award from Association Media and Publishing for the Society for Neuroscience Annual Report 2010, with illustrations from the Blakemore lab, Oxford

2012 Lord Brain Memorial Medal (Barts and The London School of Medicine and Dentistry)

2012 People’s Republic of China Friendship Award (China’s highest honour for foreigners)

2012 Ralph W Gerard Prize “for outstanding contributions to the field of neuroscience” (Society for Neuroscience)

2012 Chandaria Laureate (School of Advanced Study, University of London)

- 2013 Shortlisted for the Science Commentator Award (Editorial Intelligence)
- 2013 Kelvin Medal (Royal Philosophical Society of Glasgow)
- 2014 Member of the Berkeley Optometry Hall of Fame, University of California
- 2014 Member of the Science Council's 100 Scientists (100 Leading UK Practising Scientists)
www.sciencecouncil.org/content/100-leading-uk-practising-scientists
- 2014 Knighthood in the Birthday Honours List for "contributions to scientific research, policy and outreach"
- 2014 Inaugural Award for Openness on Animal Research (Understanding Animal Research)
- 2015 Lennox K Black International Prize in Medicine (Thomas Jefferson University, Philadelphia)
- 2015 Elise and Walter A Haas International Award (University of California, Berkeley)
- 2018 President's Research Medal (awarded quadrennially by The College of Optometrists)
- 2018 No 9 of the "30 Most Influential Neuroscientists Alive Today"
<https://www.onlinepsychologydegree.info/30-most-influential-neuroscientists-alive-today/>
- 2020 Listed among "Top Longevity Scientists and Experts" in the Report on *Longevity Industry in the UK* (Aging Analytics Agency) <http://analytics.dkv.global/data/pdf/Longevity-Industry-in-UK-2-edition/Longevity%20in%20UK%20Second%20Edition%20-%20Full%20Report.pdf>

VISITING APPOINTMENTS

- 1970 (summer) Visiting Professor, Department of Psychology, New York University, and Research Fellow, Bell Telephone Laboratories, Murray Hill, NJ, USA
- 1971 (April) Royal Society European Study Visit to the Laboratorio di Neurofisiologia del CNR, Pisa, Italy
- 1971 (autumn) Visiting Professor, Department of Psychology, Massachusetts Institute of Technology, USA
- 1974 (autumn) Royal Society Study Visit to Department of Physiology, Keio University, Tokyo, Japan
- 1976 & 77 Fellowships from the Roche Research Foundation, Institut d'Anatomie, Lausanne, Switzerland
- 1978-98 Frequent visits for collaborative research to INSERM Unités 94 and 371, Bron (Lyon), France (sponsored by exchange grants from NATO, IBRO, INSERM, French Government, etc.)
- 1980 Storer Visiting Professor, University of California, Davis, USA
- 1980 (summer) Royal Society Exchange Visit to Institute of Biophysics, Chinese Academy of Sciences, Beijing, China
- 1981 Visiting Lecturer, Institute of Biomedical Engineering, University of California at Los Angeles
- 1982 & 83 Visiting Scientist, Salk Institute, San Diego, California, USA (working with W Maxwell Cowan)
- 1984 Macallum Visiting Lecturer, University of Toronto, Canada
- 1989 British Council Visit to India, lecturing in Delhi, Kolkata, Hyderabad and Mumbai
- 1991 Sir Douglas Robb Lecturer, University of Auckland, New Zealand
- 1992 McDonnell-Pew Visiting Professor, Salk Institute, San Diego, California, USA (working with Francis Crick and Terence Sejnowski)
- 1992 McLaughlin Visiting Professor, McMaster University, Hamilton, Ontario, Canada
- 1995-7 Regents' Professor and Visiting Professor, University of California, Davis, USA
- 1995-6 Leverhulme Trust Research Grant for work at the University of California, Davis, USA
- 1996 Spinoza Professor, University of Amsterdam, The Netherlands
- 2005 British Council Visit to India, lecturing in Delhi, Kolkata and Chennai
- 2005 Distinguished Visitor, BioMedical Research Council, Singapore
- 2007-10 Chair of the A*STAR – Duke-NUS Graduate Medical School Neuroscience Research Partnership, Singapore
- 2010- External Scientific Adviser, A*STAR – Duke-NUS Graduate Medical School Neuroscience Research Partnership, Singapore
- 2017 Distinguished Fellow, SAGE Center for the Study of the Mind, and Visiting Researcher, University of California, Santa Barbara
- 2017- Affiliate Faculty Member, Literature and the Mind program, University of California, Santa Barbara

PUBLICATIONS

h-index: 100

Number of citations: 41,126

(21 September 2020)

<https://scholar.google.co.uk/citations?user=02jjcMMAAAAJ&hl=en>

More than 870 publications:

20 authored and edited books

270 peer-reviewed publications

122 book chapters and reviews

185 articles for newspapers, magazines & journals

50 reports

23 educational films and podcasts

More than 207 published abstracts

WORK FOR CHARITIES, FOUNDATIONS ETC

- 1983- **Service to the World Cultural Council** (Consejo Cultural Mundial): Honorary President, 1983-; Vice-President, 2011-14; **President**, 2014-
- 1989- **Service to SANE** (Schizophrenia: A National Emergency): Member, Professional Advisory Committee, 1989-95; involved in fund-raising for Prince of Wales International Centre for Research into Schizophrenia and Associated Disorders (POWIC), Oxford; Member (1995-2003) and Chair (2000-3) of the Scientific Advisory Committee of POWIC; Director of SANE, 2001-; Trustee and Member of the Board of SANE, 2001-3; Member of POWIC Governing Board, 2002-3; **Vice-Patron of SANE**, 2003-
- 2003-9 **Service to the Coalition for Medical Progress**: Member of the Board, 2003-7; **Chair of the Board**, 2005-7; Trustee, 2005-9; First Distinguished Supporter of the CMP, 2007-
- 2004- **Service to the Motor Neurone Disease Association**: President of the Oxfordshire branch, 2004-; Honorary Member of the MND Association, 2005-; Patron, 2005-8; **President of the MND Association** 2008-20; **Patron** 2020-
- 2004- **Service to the Progressive Supranuclear Palsy Association (PSPA)**: Vice President, 2004-; Trustee and Director, 2012-19; **Honorary Trustee**, 2019-
- 2010- **Service to brain tumour charities**: President, **Brain Tumour UK** 2010-13. Involved in negotiation about the merger of charities that led to the creation of The Brain Tumour Charity. **President, The Brain Tumour Charity** 2013-
- 1989- Patron of **CORPAL** (a charity for families affected by agenesis of the corpus callosum and Aicardi's Syndrome)
- 1991- Trustee of **Brain Child** (a charity supporting research into developmental cognitive disorders)
- 1991- Patron of **SAFERWORLD** (a non-partisan group working for safer forms of defence and global security)
- 1993- Founder Member of the Board of Governors, **International Brain Injury Association**, USA
- 1997- Patron of **Headway** (National Head Injuries Association) and Member, Professional Advisory Panel
- 1997- Director and Trustee, **Harkness Fellows Association**
- 2001- Scientific adviser to the **Beckley Foundation** (concerned with policy on drugs of abuse)
- 2002-8 Member of the **Novartis Foundation** Executive Council
- 2002- Consultant to the **Thriving Child Project JABADAO** (Centre for the Study of Movement, Learning and Health)
- 2002- Member of the Medical Panel of **Patients' Voice for Medical Advance** (formerly Seriously Ill for Medical Research)
- 2003- Trustee of the **Bhopal Medical Appeal**
- 2003- Member of the **Foundation for Science and Technology** (member of Council, 2003-7)
- 2005- Member of the International Advisory Council of the **Louise T Blouin Foundation**
- 2006- Member of the Scientific Advisory Board of the **Lifeboat Foundation**
- 2006-9 Member of the Neuroscience Advisory Board, **Peter and Patricia Gruber Foundation**
- 2007-8 Chair of Council, **Research Defence Society**
- 2008- Notable Commissioner, **Beckley Foundation** Global Cannabis Commission
- 2008- Scientific Adviser, **Action for ME** (charity dedicated to improving the lives of people affected by ME)
- 2008-09 Founding **Chair of Council, Understanding Animal Research**
- 2008- Member of the Advisory Committee of the **Progress Educational Trust**
- 2009- Supporter of **Sense (The National Deafblind & Rubella Association)**
- 2009 Judge for the **Grierson Awards** (for British science documentaries), **Grierson Trust**
- 2009- International Scientific Council, **Neurodis Foundation**, Lyon, France (President of Council, 2009-16)
- 2009-20 Trustee, **Pilgrim Trust**
- 2010-17 Chair of the Selection Committee for **The Brain Prize, Lundbeck Foundation**, Copenhagen, Denmark
- 2011-19 Trustee, **DrugScience** (formerly Independent Scientific Committee on Drugs)
- 2012- Patron, **Dignity in Dying**

- 2014- Ambassador of the **European Brain Council**
- 2015- Member, Independent Advisory Board, **EU MIROCALS Project** ("Modulation of the Immune Response and Outcomes in ALS")
- 2015- Honorary Member, **Population Matters** (Campaigning and awareness charity for environmentally sustainable populations)
- 2015- Trustee and Vice-Chair of the Board of the **Loulou Foundation** (concerned with CDKL5 Deficiency Disorder)
- 2016- Trustee and Director of the **Centre l'Oubradou**, Le Plan de la Tour, France
- 2017 Chair of the **Lundbeck Foundation Neuroscience Initiative** Working Group, Copenhagen, Denmark
- 2017- Trustee of **Action Against Age-Related Macular Degeneration**
- 2019- Patron, **DrugScience** (formerly Independent Scientific Committee on Drugs)

SERVICE TO THE UK GOVERNMENT

- Medical Research Council** (Member, Neurobiology and Mental Health Board 1976-9; Chair, Neurobiology and Mental Health Board Grants Committee 1977-9; MRC programme grant leader 1972-2003; Associate Director, Oxford Centre for Cognitive Neuroscience 1990-6; Director, Oxford Centre for Cognitive Neuroscience 1996-2003; Chief Executive of the MRC 2003-7)
- British Council** (British Council Visiting Scientist, Institute of Biophysics, Beijing, China 1981; Boda Memorial Lecture (British Council/Oxford Society of Bombay), India 1989; British Council Visit to India, lecturing in Delhi, Kolkata, Hyderabad and Mumbai 1989; Invited participant in the British Council *Bright Sparks* Festival of British Science, India 1999; Member, British Council Science, Engineering and Environment Advisory Committee 2003-7; British Council Visit to India, lecturing in Delhi, Kolkata and Chennai 2005; British Council Annual Science Lecture, Kolkata, India 2005)
- Health Protection Agency's Centre for Radiation, Chemical and Environmental Hazards**, formerly the National Radiological Protection Board (Member, Advisory Group on Non-Ionising Radiation 1992-2003; Chair, Weak Electric Fields Group 2001-3; Chair, Working Party on Weak Electric Field Effects in the Body 2003; Member, Working Party on melatonin 2003; Member, AGNIR Sub-Committee on Magnetic Resonance Imaging 2003; Chair, Electromagnetic Fields Discussion Group 2008-9)
- Departments for Business, Innovation, Universities etc (Department of Trade and Industry/Department for Innovation, Universities and Skills/Department for Business, Enterprise and Regulatory Reform/Department for Business, Innovation and Skills/Department for Business, Energy and Industrial Strategy)** (Member of the Coordinating Committee and planning groups for the Foresight project on Cognitive Systems 2001-4; Member of the Stakeholder Groups for Foresight project on Brain Science, Addiction and Drugs 2003-6 and Foresight project on Obesity 2005-7; Member, Government Office for Science Steering Panel for the Science Review of the UK Food Standards Agency 2008-9; Member, Government Office for Science Expert Group on Science and the Media 2009-10)
- Department of Health – now the Department of Health and Social Care** (Member, Independent Expert Group on Mobile Phones (Stewart Committee) 1999-2000; Member, Management Committee for the Mobile Telecommunication and Health Research Programme Department of Health 2000-3 (Vice-Chair 2003); Member, Research for Patient Benefits Working Party 2003-4; Member, Board of the UK Clinical Research Collaboration 2004-7; Member, UK Stem Cell Initiative Panel 2005-7)
- 2002-5 Member, **Home Office/Defence Science and Technology Laboratory** TETRA Health and Safety Study Management Committee
 - 2003-7 Chair, UK Stem Cell Funders Forum
 - 2004- Nominator for **NESTA** Cultural Leadership Awards
 - 2006-7 Member, Incapacitants Subgroup, Advisory Group on Medical Countermeasures **Ministry of Defence**
 - 2007-9 Mentor for RCUK Basic Technology Programme Consortium: *A Neuroelectronic Interface for Peripheral Nerve Repair*
 - 2007 Member, Board of the **Office for Strategic Co-ordination of Health Research (OSCHR)**
 - 2007-17 Chair, General Advisory Committee on Science, **Food Standards Agency**
 - 2009 Consultant on Extending Working Life, **Department for Work and Pensions**
 - 2009-10 Chair, Science Skills Working Group, reporting to **Government Office of Science**
 - 2010-19 Member, Wilton Park Advisory Council, **Foreign and Commonwealth Office**

SERVICE TO NATIONAL AND INTERNATIONAL ORGANIZATIONS (a selection)

- British Neuroscience Association** (BNA; formerly Brain Research Association) (Member, National Committee 1973-7 and 1997-2003; Chair, Local Organizing Committee, 12th National Meeting 1993-5; President 1997-2000; Member, Programme Committee for the 2009 National Meeting; Patron 2013-; Ambassador for the 2019 Festival of Neuroscience)
- International Brain Research Organization** (IBRO) (Member of the Governing Council 1973-2001; Chair of the 'Special Committee', which re-wrote the constitution of IBRO as a full international scientific union 1984-6; Member, Executive Committee 1985-91; Member, Nominating Committee 1993-2001 (Chair 1997-2001); Member, Publications Committee 1992-99; Editor-in-Chief, *IBRO News* and the IBRO website 1986-2000; Member, Committee on By-Laws and Procedures 1999-2001; Member, IBRO Ethics Committee 2018-)
- European Neuroscience Association** (Chair of Local Committee for the 9th Annual Meeting of the ENA, Oxford 1983-5. Member of Nominating Committee 1988-9; Member of Council 1998-2000)
- Royal Society**, other than the public programmes: see below (Member, Animals in Research Committee 1992-2000; Member, Hooke Committee 1992-2001; Member, Joint Royal Society/Academy of Medical Sciences Working Group on the Science of Transmissible Spongiform Encephalopathies (BSE, CJD, etc.) 2001; Member, Rosalind Franklin Award Committee 2010-; Member, Board of *Phil Trans Roy Soc B* 2010-17; Chair, Steering Committee for *Brain Waves* project on the policy implications of advances in neuroscience 2010-12; Member, Biological Sciences Awards Committee 2013-17)
- Boyd Group**, a national forum for discussion on the use of animals in biomedical research (Co-Founder, with Les Ward 1992; Member 1992-2003; Treasurer, 1993-2003)
- Worshipful Company of Spectacle Makers** (Member of the Livery, 1998-; Member of the Professorial Committee, 1993-)
- Society for Neuroscience** (Member, Public Education and Communication Committee 2004-; Member, Selection Committee for the Ralph W Gerard Prize, 2006-7; Society's nominee on the Neuroscience Advisory Board, Peter and Patricia Gruber Foundation, 2006-9; Member of the Committee on Committees 2013-17)
- Federation of European Neuroscience Societies** (FENS) (Member of Council 1998-2000; Member, National Committee for the 2000 Forum of European Neuroscience, Brighton 1998-2000)
- The Physiological Society** (Member of Council, Executive Committee, etc. 2001-3; President 2001-3)
- Royal Society of Biology** – formerly the **Biosciences Federation** (Member of the Interim Executive Committee 2001-2; Member of the Executive Committee and Council 2002-4; founding President 2002-4)
- Agency for Science, Technology and Research, Singapore (A*STAR)** (Member of the Biomedical Sciences International Advisory Council 2005-8; Chair, Neuroscience Advisory Committee 2006-7; Chair of the A*STAR – Duke-NUS Graduate Medical School Neuroscience Research Partnership, 2007-10; External Scientific Advisor, A*STAR – Duke-NUS Graduate Medical School Neuroscience Research Partnership, 2010-; Emeritus Member of the Biomedical Sciences International Advisory Council, 2008-)
- Campaign for Science and Engineering (CaSE)** (Member of Executive Committee and Advisory Council, 2011-15; Trustee, 2011; Vice-Chair, 2011-15; Chair, Nominations and Appointments Committee, 2013-15)
- RIKEN National Research Institutes, Japan** (Member, RIKEN Advisory Council, 2008; Vice-Chair, RIKEN Advisory Council, 2010-15; Chair, RIKEN Advisory Council, 2015-)
- 1974-6 Member of the Committee, **European Brain and Behaviour Society**
- 1975-9 Member of Council, **Cambridge Philosophical Society**
- 1980-2003 Member, Scientific Committee and UK Correspondent of the **European Winter Conference on Brain Research**
- 1981-95 Member, Scientific Advisory Board, **Cognitive Neuroscience Institute**, New York
- 1985-6 Member, **British National Committee for Physiological Sciences**
- 1986-2003 Member, Organizing Committee, **Child Vision Research Society**
- 1987 Member, Programme Committee for the Tenth **European Conference on Visual Perception**, Bulgaria
- 1988 Member, International Organizing Committee of the **Institut de la Vie**, Paris, France
- 1989 Member, Committee of Scientific Direction for the **CNRS Laboratoires de Neurosciences Fonctionnelles** and Laboratoires de Neurobiologie, Marseille, France

1989 Member, International Programme Committee for the **XXXII International Congress of Physiological Sciences**, Glasgow

1992- Member, Expert Advisory Committee of the **Laboratory of Visual Information Processing**, Institute of Biophysics, Beijing, China

1992-5 Member, Review Committee for the **Human Frontier Science Program**

1993- Member, Scientific Council of the **International Research Center on Neurobiology of Consciousness**, Institute of Higher Nervous Activity and Neurophysiology, Academy of Sciences, Moscow, Russia

1994- Member, Advisory Committee, **Program in Consciousness Studies, Fetzer Institute**, Kalamazoo, USA

1994 Consultant to the **US Air Force Spatial Orientation Program**

1997- Honorary Adviser, **University of Peace**, Santa Fe, USA

1996- Member, **UK Forum for Genetics and Insurance**

1997-2003 Member, Scientific Advisory Committee of the **VolkswagenStiftung**, Germany

2000 Member, Committee of Assessment for **INSERM Unité 371 (Cerveau et Vision)** Bron, France

2002- Member of the Advisory Council of **Sense about Science** (Member of the Working Party on Peer Review 2002-4)

2002-3 Consultant to the **World Health Organization** on electromagnetic fields and neurological disease

2003-7 Chair, **International Stem Cell Forum**

2003-7 Chair, **Heads of International Research Organizations**

2005-10 Member, **Imaging Science Centre Advisory Board, Imperial College London**

2006-8 Member, Advisory Group for Health Research, **European Community Framework Programme 7**

2006-15 Commissioner, **United Kingdom Drug Policy Commission**

2007-19 Member, Council of the Medical Genetics Section, **Royal Society of Medicine**

2007-9 Member, Advisory Council of the **Association of the British Pharmaceutical Industry**

2008-12 Member, Scientific Advisory Board, **Agence Nationale de la Recherche (ANR)**, France

2008- Patron, **Campaign for the University of Oxford**

2008- Member, Advisory Board, **European Neuroethics Society**

2008-9 Member, Advisory Board, **Qatar Institute for Biomedical Research**

2009 Chair, Review Panel for the Strategic Area Neurosciences, **Swedish Research Council (Vetenskapsrådet)**

2010-13 Science and Technology Advisor, **Technology Development Committee, Abu Dhabi**

2010 Chair, **International S&T Advisory Panel, Abu Dhabi**

2010-13 Chair, Steering Committee for the **Warwick-NTU Neuroscience Initiative**, Singapore

2010-11 Co-Chair, **US Institute of Medicine/Committee on Science, Technology and the Law Workshop on US and European Animal-Research Regulations: Impact on Neuroscience Research**

2011-12 Co-chair, **Neuroscience Advisory Board, Imperial College London**

2011- Member, Advisory Board, **Aston Brain Centre, Aston University**

2012- Founding Member, **Council for the Defence of British Universities**

2012- Judge for the **John Maddox Prize** for Standing up for Science, Sense about Science

2013-14 Member, **Royal Institution Future Direction Committee**

2013- Member, Expert Committee, **Centre for Neurodevelopmental Synaptopathies, inStem, Bangalore**

2013- Member, Academic Committee of the International Symposium on Clinical and Translational Medicine, **Chinese Academy of Engineering**

2013- Member, Advisory Council of the **University of Durham Institute of Advanced Study**

2015- Member, **Research Advisory Board, The George Washington University**, Washington, DC, USA

2015-17 Member, **Presidential Commission on Animal Research in Basic Science, Max Planck Society**, Germany

2016 Adviser for the neuroscience program, **Thomas Jefferson University**, Philadelphia

2017-19 Member, Scientific Advisory Council, **New York Academy of Sciences Innovators in Science Award**

2017-18 Adviser to the **Lundbeck Foundation**, Copenhagen in a review of Danish neuroscience

2017-19 Member, Research Ethics Committee, **University of London**

2018- Member, Biology and Medicine Panel (Joint Research Schemes) of the Research Grants Council, **University Grants Committee of Hong Kong**

2018- Member, Scientific Advisory Board, **International Center for Primate Brain Research, Shanghai, China**

- 2018-19 Co-organizer (with Tomas Höckfelt and Jufang He) of **Advances in Neuroscience symposium, Hong Kong Institute for Advanced Study**
- 2019 Member of the International Committee for the **International Symposium on Translational Research in Brain Stimulation, Institute of Science & Technology for Brain-Inspired Intelligence, Fudan University, Shanghai**

KNOWLEDGE TRANSFER & CONSULTANCY

- 1987-9 Consultant to **ASPEX Ltd**, London, on development of three-dimensional film and video systems
- 1988-9 Consultant to **PA Technology**, Cambridge, on laser projection systems
- 1988-95 Consultant to **MMCO Ltd**, London, on development of electro-photographic printing
- 1993-4 Consultant to **Bébé Vision Tropique®**, Paris. Invention (with Drs F Vital-Durand and P Benson) of Baby Vision Acuity Cards (novel, computer-generated visual acuity testing cards for babies and visually handicapped people, marketed by Opti'mom-Tropique, Paris)
- 2000-11 Member, Strategic Advisory Committee of **ProSeed Capital Holdings** (international seed finance company for technology companies)
- 2000 Consultant on refractive surgery, **Vistakon (Johnson & Johnson)**
- 2001-4 Consultant to the **Home Office and the Police Federation** on TETRA (police telecommunications)
- 2005-7 Consultant to **Organ Recovery Systems**, Des Plaines, IL, USA & Bowman Research Ltd, Newport, UK
- 2007-10 Non-Executive Director, **BTG International plc** (British Technology Group) (Member of Remuneration Committee 2007-10; Nomination Committee 2008-10; Audit Committee 2008-10)
- 2009- Member, Longevity Science Panel, **Legal & General** (<http://www.longevitypanel.co.uk/>)
- 2010-12 Consultant to **Tandent Vision Science, Inc**, San Francisco (artificial vision systems and image analysis technology)
- 2011- Member of the Advisory Board, **RedHill Biopharma Ltd**
- 2011- Member of the Scientific and Strategic Advisory Group, **ReNeuron** (pioneering stem cell therapies)
- 2012 Consultant on educational use of video games, **Sony Computer Entertainment**
- 2018- Member of the Biology & Medicine Panel (Joint Research Schemes), **Hong Kong Research Grants Council (RGC)**
- 2019- Chair, Medical Advisory Board, **Consensus Business Group** (Vincent Tchenguiz)
- 2019- Member, Scientific Advisory Board of the **Chinese Academy of Sciences Institute of Neuroscience, and Center for Excellence in Brain Science and Intelligence Technology (CEBSIT)**, Shanghai

PUBLIC ENGAGEMENT

Popular writing on science and science policy; several books and many feature articles in magazines and national newspapers, including *The Times* (www.thetimes.co.uk/tto/public/profile/Colin-Blakemore), *Guardian*, *Daily Telegraph*, *Independent*, *Sunday Times*, *Guardian*. Writing and presenting for television and radio. Nearly 1,000 television and radio broadcasts, film appearances etc.

Service to the British Broadcasting Corporation. Member, BBC Science Consultative Group, 1975-9; *BBC Reith Lectures*, 1976; Writer and presenter of several programmes and series on radio (including *Science in China* 1981; *From Molecules to Mind* 1982; *Machines with Minds* 1983; *Science in Japan* 1987; *You Know it Makes Sense* 1992) and television (including *Common Sense* 1982; *The Mind Machine*, 13-part TV series, 1988; *Imagina*, TV documentary on computer animation, 1995; *Moments of Genius*, series for BBC Television, 2000; and *The Next Big Thing*, BBC2 TV debates on current issues in science, 2000-2. Guest on *Desert Island Discs*, *The Choice*, *With Great Pleasure*, *In the Psychiatrist's Chair*, *Any Questions*, *Question Time*, *The Moral Maze*, *A Good Read*, *Science Now*, *Start the Week*, *In Our Time*, *Front Row*, *The Commission*, *A Body of Literature*, *Material World*, *The Food and Drink Programme*, *Heaven and Earth*, *Hard Talk*, *The Big Questions*, *The Daily Politics*, *The Jonathan Dimbleby Programme*, *The Lobby*, *The House I Grew Up In*, *A Life Scientific*, *The Infinite Monkey Cage* etc. Frequent contributor to news broadcasts, including *Today* (BBC Radio 4) and *Newsnight* (BBC2).

Service to the British Science Association (formerly the **British Association for the Advancement of Science**). Patron, BA Festival of Science, Oxford 1987-8; President, General Section 1989; Member of Executive Committee and Council, 1990-2003; Vice-President 1990-7 and 1998-2001; Treasurer 1993; Chair, Royal Society/BA Millennium Awards Panel 1996-2000; President 1997-8; Chair of the Programme Committee for

the Annual Festival 1998-2003; Chair of Council 2001-4; Honorary Fellow of the BA 2001-; President of the Leicester Branch 2003-4.

Service to the Dana Foundation, New York, and the **Science Museum**, London. Member, Dana Alliance for Brain Initiatives, 1996-; Member of Executive Committee of DABI, 1996-; Founder Member and Vice-Chair of the European Dana Alliance for the Brain 1996-; Involved in fund-raising, planning and operation for the Dana Centre (for science and society), Science Museum, London 1999-; Member, Advisory Group for the Dana Centre at the Wellcome Wolfson Building, Science Museum 2002-3; Member of the Science Museum Wellcome Wolfson Building Trustees' Committee 2003-.

Service to At-Bristol, Millennium Landmark Science Centre, Bristol. Patron 1996-; Scientific Adviser, *Explore-at-Bristol* interactive science centre 1997-; Member of the At-Bristol Advisory Council, 2007-.

Service to the Royal Society's public programmes. Chair, *Summer Exhibition* Committee, 1996-2000; Chair, Royal Society/British Association Millennium Awards Panel, 1996-2000; Chair, Royal Society Public Programme Committee, 2001-3; Member, Science in Society Committee, 2001-4; Chair, Royal Society Partnership Grants Committee, 2001-3; Member, Michael Faraday Prize Committee, 2001-5.

- 1982 Royal Institution Christmas Lectures
- 1983-99 Member, Scientific Committee of the Bristol Exploratory
- 1983 President of the Science Society of Dulwich College
- 1986-8 Member, Advisory Board of WNET Television, New York, USA
- 1989 Consultant, Hall of Human Biology, Natural History Museum, London
- 1989 Member of the Jury, Science Book Prizes
- 1997- Patron, Association for Art, Science, Engineering and Technology (ASCENT)
- 1998- Member, Committee for the Oxford Centre to Promote the Understanding of Science (OCTOPUS)
- 1999- Patron, Clifton Scientific Trust, Bristol
- 1999 Invited participant in the British Council *Bright Sparks* Festival of British Science, India
- 2000- Patron, Oxford University Scientific Society
- 2000- Adviser to Y Touring *Theatre of Science* project (science drama for inner-city schools)
- 2001-2 Member, Council of Copus (Committee on the Public Understanding of Science)
- 2001- Honorary Associate, Cheltenham Festival of Science
- 2001-3 Member, Oversight Group for AlphaGalileo Science Media Website
- 2002- Member of NESTA Futurelab 'virtual network' (exploring and applying new technologies to transform the way people learn)
- 2002- Honorary Member of the International Association of Science Clubs
- 2002- Honorary Patron of the Wrexham Science Festival
- 2002- Patron, Oxford Literary Festival
- 2003-14 Member, AlphaGalileo Foundation
- 2003- Member of the Advisory Board of The Cable Science Network (US internet science network)
- 2004-16 Honorary President of the Association of British Science Writers
- 2004-8 Member, Public Education and Communication Committee, Society for Neuroscience
- 2005 Edinburgh Medal Address (City of Edinburgh)
- 2005-8 President, British Biology Olympiad
- 2008- Judge of the Debating Matters Competition, Institute of Ideas
- 2009- Member of the Judging Panel, National Young Scientist and Young Technologist of the Year
- 2009 Writer and presenter of *God and the Scientists*; episode 7 in the Channel 4 television series *Christianity: a History*. (Pioneer Productions) <https://www.youtube.com/watch?v=UcZ44kQphlo>
- 2009 Presenter of *The Evidence*, a series of 9 on-line videos on the history of evidence-based medicine, celebrating the establishment of the Archive of the *British Medical Journal* (BMJ Video <http://www.bmj.com/video/>)
- 2009 Presenter of *Vaccine Disputes*. An interview with Dr Ben Goldacre about MMR triple vaccination and autism (*British Medical Journal* Video <http://www.bmj.com/video/mmr.dtl>)
- 2010-11 Chair of the Judging Panel for the ABSW and Irish Science Writer Awards
- 2012- Chair of the Ambassadors for The European Year of the Brain (European Brain Council)
- 2013 Shortlisted for the Science Comment Award (Editorial Intelligence)
- 2015- Member of *Speakezee* (a platform to encourage public engagement)

- 2016 Co-tutor (with Minna Moore Ede) for a National Gallery Course, *Heaven in Mind?*, based on the exhibition *Visions of Paradise: Botticini's Palmieri Altarpiece*
- 2016 Guest for an AMA (Ask Me Anything) session on Redditt
- 2017 Principal Lecture at the 59th London International Youth Science Forum, London
- 2017- Patron, The British Brain Bee (supporting education in neuroscience)
- 2018 Curator, with Maria Lopes, Zoltán Molnár and Irina Bystron, of an interactive art installation exploring neuroscience and consciousness. Oxford Science & Ideas Festival.
- 2019-21 Organiser, with Martin Kemp and others, of *David Hockney in Cambridge*, a series of exhibitions and events concerned with Hockney's interest in vision and art – the Heong Gallery, Downing College, the Fitzwilliam Museum and the Whipple Museum.

PUBLIC PERFORMANCES, WORK WITH ARTISTS etc

- 1973 Advisor for the exhibition *Illusion in Nature and Art* (with **Richard Gregory, Sir Ernst Gombrich and Sir Roland Penrose**), Institute of Contemporary Arts, London
- 2001-2 Consultant, Wellcome Trust Exhibition, *Head On: Art with the Brain in Mind*, in the Science Museum, London 18 March – 28 July 2002. Wrote the Foreword for the catalogue.
- 2001- Interaction and collaboration with **David Hockney**, starting with the organization of a public debate at the Royal Society in 2001 on Hockney's book, *Secret Knowledge*, and the BBC2 *Omnibus* documentary on the same theme. The research collaboration has focused on the use of perspective in the visual arts, and the way in which montages of images with multiple viewing points can simulate the effects of eye movements on the perception of real scenes.
- 2010 Produced illustration for the cover of *Looking Beyond the Horizon* 2010 Annual Report of the Society for Neuroscience <http://www.sfn.org/about/what-we-do/2017-annual-report/past-annual-reports>
- 2010-13 Advisor for, and appearance in, full-length movie *Tim's Vermeer* (Sony Pictures, directed by Teller): **shortlisted for a 2014 Oscar nomination** (best documentary); **nominated for a BAFTA** (best documentary) <http://www.imdb.com/title/tt3089388/>
- 2012- Collaboration with **Patrick Hughes**, in research on the basis of his 'reverspective' constructions, in which realistic scenes are painted on raised surfaces in such a way that the true 3-D form of the surface is contradicted by perspective and other monocular cues in the image.
- 2013-14 Advisor to **James Spinney and Peter Middleton** for movies and online projects concerned with blindness, including their film *Rainfall*, which won the Best Short Documentary Award at Hot Docs in Toronto 2013, and was nominated for the ICA Experimental Film Award. *Notes on Blindness*, a short documentary commissioned by the *New York Times* (www.nytimes.com/notesonblindness), was premiered at Sundance in 2014 and has been screened at over 50 international film and arts festivals, and seen by over a quarter of million people online. A full-length documentary, supported by Creative England and Arte France, will be released and broadcast in 2017. The *Notes on Blindness Diaries Project* is an online documentary resource, collecting and sharing experiences of a variety of people directly and indirectly affected by blindness.
- 2013- Collaboration with **Artakt, Central Saint Martins**, including participation in *Scentory Design*, a conversation with scent artist, Dr Jenny Tillotson.
- 2013- Consultant to **Sensory Sites**, a Collective of Multisensory Artists based at the Royal College of Arts and elsewhere (Kay Syrad, Roz Driscoll, Anaïs Tondeur, Bonnie Kemske, Tereza Stehlíková and Rosalyn Driscoll) www.artintouch.co.uk/2012/08/08/manifesto/
- 2014 Appearances in *The Immortalists* (GathrFilms; GaiamTV; Journeyman Pictures, released 2014). Full-length documentary about the scientific search for immortality. Directed by David Alvarado & Jason Sussberg; Produced by David Alvarado et al) https://www.imdb.com/title/tt3267194/?ref_=nm_knf_i3
- 2015 Public Conversations about mental health, with **Ruby Wax**, in Oxford and London
- 2015 *Sick of the Fringe: celebrating science, health and art*. Performance at the **Edinburgh Festival Fringe**. Commissioned by the Wellcome Trust.
- 2015- Homepage illustration, from micrograph of human embryonic forebrain, for **Oxford Stem Cell Institute** <http://www.stemcells.ox.ac.uk/home>
- 2015-16 Public Conversations about emotion, memory and resilience with **Terry Waite**, in London, Aston, Edinburgh, University of Surrey etc – for European Year of the Brain

- 2015-17 Adviser and collaborator for *Lucida* – a movie (www.lucidafilm.com) and multimedia installations by **Suki Chan**, based on the processing of information in the eye and the brain. Exhibited at Art Basel Hong Kong; Tintype Gallery, London; Science Gallery, Dublin; Aspex Gallery, Portsmouth; Centre for Contemporary Chinese Art (CFCCA), Manchester; Asia House, London. Frost Museum of Science, Miami, Florida. Commissioned by CFCCA and Salford University Art Collection. *Lucida* is supported by the Wellcome Trust and Arts Council England.
- 2016- Collaboration with **Greg Dunn**, artist, in the production of artworks based on micrographs of human brain development. Illustrations used as cover of *Science and Research Compassion* from the Charter for Compassion <https://charterforcompassion.org/science-and-research-compassion-book>
- 2017 *Feeling Sound*. Conversation with **Evelyn Glennie** at the Cheltenham Science Festival
- 2017 *Feeling Sound: Evelyn Glennie in Conversation with Colin Blakemore*. Public event at the British Library.
- 2018 *The science of belief*. Colin Blakemore and **Tom McLeish** in conversation, with Samira Ahmed and Jill Cook. Special event at the British Museum.
- 2020 Opening speaker at *A Brave New World?*, Malvern Festival of Ideas 2020. <http://www.malvernfestivalofideas.org.uk>

NAMED AND PUBLIC LECTURES (a selection)

- 1976 **Reith Lectures** British Broadcasting Corporation; broadcast on BBC Radio
- 1977 **Memorial Lecture** Guy's Hospital Medical School
- 1978 **Lethaby Lectures** Royal College of Art
- 1979 **Aubrey Lewis Lecture** Institute of Psychiatry
- 1980 **Storer Lectures** University of California, Davis, USA
- 1980 **Lord Charnwood Lecture** American Academy of Optometry
- 1980 **Royal Institution Discourse** Royal Institution, London
- 1981 **Vickers Lecture** Neonatal Society
- 1981 **Kershman Lecture** Eastern Association of Electroencephalographers, New York, USA
- 1982 **BMA Annual Lecture** British Medical Association
- 1982 **Harveian Lecture** Harveian Society of London
- 1982 **Wolfson Lecture** Wolfson College, Oxford
- 1982 **Ettles Lecture** Southern Optical Congress
- 1982 **Earl Grey Memorial Lecture** University of Newcastle-upon-Tyne
- 1982 **Royal Institution Christmas Lectures** broadcast on BBC Television
- 1983 **John Locke Lecture** Worshipful Society of Apothecaries
- 1983 **George Frederic Still Memorial Lecture** British Paediatric Association
- 1983 **Eric Culver Memorial Lecture** The North London Association of Optometrists
- 1984 **Etridge-Green Lecture** Royal College of Surgeons
- 1984 **Macallum Lecture** University of Toronto, Canada
- 1984 **Cyril Leslie Oakley Memorial Lecture** University of Leeds
- 1984 **Plenary Lecture** European Neuroscience Association, The Hague, the Netherlands
- 1985 **Mac Keith Memorial Lecture** British Paediatric Neurology Association
- 1985 **Faculty of Science Lecture** Royal Holloway College, University of London
- 1985 **Eckersley Lecture** Bedales School
- 1985 **Christmas Lecture** Roche Products Limited
- 1986 **Bertram Louis Abrahams Lecture** Royal College of Physicians
- 1986 **Halliburton Lecture** King's College London
- 1986 **Cairns Memorial Lecture**
- 1987 **Sutcliffe Kerr Memorial Lecture** Department of Neurological Sciences, University of Liverpool
- 1987 **Halley Lecture** St. Paul's School, London
- 1987 **Christmas Lecture for Schools** Keele Science & Technology Centre
- 1988 **George Giles Memorial Lecture** British Optical Association Foundation
- 1988 **Norman McAlister Gregg Lecture** Royal Australian College of Ophthalmologists, Sydney, Australia
- 1989 **Doyne Memorial Lecture** Oxford Ophthalmological Congress
- 1989 **Dietrich Bodenstein Distinguished Lecture** Department of Biology and Center for Advanced Studies, University of Virginia, Charlottesville, USA

1989 **Distinguished Scientist Lecture in Neuroscience** University of Pittsburgh, Pennsylvania, USA

1989 **Charnock Bradley Memorial Lecture** University of Edinburgh

1989 **Presidential Address** to the General Section (Section X) of the British Association, Sheffield

1989 **Distinguished Lecturer** Smith, Kline & French Research Limited, Welwyn Garden City

1989 **Boda Memorial Lecture** British Council/Oxford Society of Bombay, India

1989 **Owen Aves Memorial Lecture** Yorkshire Optical Society

1990 **GL Brown Prize Lecture** The Physiological Society

1990 **Michael Faraday Lecture** The Royal Society

1990 **Guest Lecture** Annual Conference of the British Psychological Society

1990 **John Dalton Lecture** Northern Optical Congress

1990 **John P McGovern Science and Society Lecture** Sigma Xi, Research Triangle Park, NC, USA

1990 **Royal Institution Discourse** Royal Institution, London

1991 **Montgomery Lecture** Irish Ophthalmological Society, Dublin, Ireland

1991 **Guest Lecture** International Society for Clinical Electrophysiology of Vision, Oxford

1991 **Sir Douglas Robb Lectures** University of Auckland, New Zealand

1991 **Christmas Science Lecture** University of Kent

1992 **Guest Lecture** Congress of the Institute of Animal Technology, Swansea

1992 **Distinguished Speaker** Ohio State University, Columbus, Ohio, USA

1992 **McLaughlin Lectures** McMaster University, Hamilton, Ontario, Canada

1992 **TT Cozzika Foundation Lecture** Patras, Greece

1992 **University Public Lecture** University of Newcastle-upon-Tyne

1992 **Royal Society of Edinburgh Schools' Christmas Lectures**

1993 **Osler Lecture** Royal College of Physicians

1993 **Ellison-Cliffe Lecture** Royal Society of Medicine

1993 **Wade Lecture** Faculty of Medicine, University of Southampton

1994 **James Law Lecture** Cornell University, Ithaca, NY, USA

1994 **Charles F Prentice Lecture** American Academy of Optometry, San Diego, CA, USA

1995 **Royal Society Lecture** Association for Science Education

1995 **Physiological Society Prize Review Lecture**

1995 **Graduate School of Biology Lecture** University of Edinburgh

1995 **Linacre Lecture** Linacre College, Oxford

1996 **Regents' Lectures** University of California, Davis, CA, USA

1996 **Spinoza Lecture** University of Amsterdam, The Netherlands

1996 **Centenary Lecture** University of Salford

1997 **Newton Lecture** Worshipful Companies of Spectacle Makers, Clockmakers & Scientific Instrument Makers

1997 **Cockcroft Lecture** University of Manchester, Institute of Science and Technology

1997 **Distinguished Lecture** MRC Cambridge Centre for Brain Repair and the Parke-Davis Neuroscience Research Centre, University of Cambridge

1997 **The Last Word Lunchtime Lecture** Royal Geographical Society

1998 **Conway Lecture** South Place Ethical Society, London

1998 **Linacre Lecture** St John's College, Cambridge

1998 **The Last Word Lecture in the City** Public lecture organized by *The Economist*

1998 **Newton Lecture** The King's School, Grantham

1998 **Presidential Address, British Association Festival of Science** Cardiff

1999 **Keynote Lecture** Centenary Conference of the Rationalist Association

2000 **David Oppenheimer Memorial Lecture** International Congress of Neuropathology, University of Oxford

2000 **Foundation Day Lecture** Centre for Cellular and Molecular Biology, Hyderabad, India

2000 **Royal Institution Public Lecture** Royal Institution, London

2001 **Alfred Meyer Memorial Lecture** British Neuropathological Society

2001 **McCance Lecture** The Neonatal Society

2001 **Geoffrey J Burton Lecture** Applied Vision Association

2001 **The Jigsaw Lecture** Royal Society of Arts

2001 **James Jeans Memorial Lecture** Merchant Taylors' School

2001 **Ramila Chandrakant Shah Memorial Lecture** Society of Neuroscientists of Africa

2001 **Plenary Lecture** 5th Congress of the Polish Neuroscience Society, Torun, Poland

2001 **Dorothy J Killam Memorial Lecture** Dalhousie University, Nova Scotia, Canada

2001 **Charter Lectures** Royal Society of Biology; formerly Institute of Biology (at the University of Central Lancashire and the Royal Society)

2002 Inaugural **Nick Palmer Memorial Lecture** International Symposium on Paediatric Neuro-Oncology, London

2002 **Andrew Olle Lecture** Andrew Olle Foundation, Sydney, Australia

2002 **Menzies Foundation Lecture** Menzies Foundation, Melbourne, Australia

2002 **Keynote Lecture** Silver Jubilee Symposium for the Centre for Cellular and Molecular Biology, Hyderabad, India

2002 **Plenary Lecture** 2nd World Congress on the Fetal Origins of Adult Disease, Brighton

2003 **Distinguished Lecture in Neuroscience** University of Edinburgh

2003 **FC Donders Lecture** Nijmegen, The Netherlands

2003 **Miller-Com Lecture** University of Illinois

2004 **Annual Lecture of the BioIndustry Association**

2004 **Help the Aged Annual Lecture**

2004 **Alzheimer's Society Annual Lecture**

2004 **Sluckin Lecture** University of Leicester

2004 **Keynote Lecture** 10th Annual Meeting, Organization for Human Brain Mapping, Budapest

2004 **Plenary Lecture** Bioscience 2004, Glasgow

2004 **Keynote Lecture** XXVIII International Congress of Psychology, Beijing

2004 **Harkness Annual Lecture** Harkness Fellows Association

2004 **Gordon Holmes Lecture** University of Cambridge

2004 Inaugural **Foundation Day Lecture** National Brain Research Centre, India

2005 **British Council Annual Science Lecture**, Kolkata, India

2005 **Lecture@Life** Life Science Centre, Newcastle-upon-Tyne

2005 **Edinburgh Medal Address** City of Edinburgh

2005 **Oxford Brookes Annual Lecture** Oxford Brookes University

2005 **George Frederic Still Memorial Lecture** Royal College of Paediatrics and Child Health

2005 **Lord David Sainsbury Lecture** University of Bristol

2005 **Harveian Oration** Royal College of Physicians

2005 **Annual Keynote Lecture** John Innes Centre, Norwich

2006 **Halley Lecture** St Paul's School, London

2006 **Annual Biosciences Lecture** University of Kent

2006 **Annual Lecture** Royal Veterinary College, London

2006 **Annual Address** Institute of Neurology, London

2006 **Kenneth Myer Lecture** Howard Florey Institute, Melbourne, Australia

2006 **IBM Hursley Lecture** University of Southampton

2007 **Distinguished Guest Lecture** Royal College of Psychiatrists, Edinburgh

2007 **Foundation Lecture** Fitzwilliam College Cambridge

2007 **Keynote Lecture** Silver Jubilee Conference of the Indian Academy of Neurosciences

2008 **Public Lecture** Louise T Blouin Institute, London

2008 **Royal Institution Discourse** Royal Institution, London

2008 **Kavli Distinguished Lecture** Yale University

2008 Inaugural **Chief Scientist's Lecture** Food Standards Agency

2008 **Keynote Lecture** US Institute of Medicine, Forum on Neuroscience and Nervous System Disorders

2008 **Bristol Lecture** University of Bristol

2008 **Sense Annual Lecture** Sense, London

2008 **College Foundation Lecture** Royal College of Pathologists

2009 **Jim Matthew Lecture** University of York

2009 **James Bull Lecture** British Society of Neuroradiologists

2009-10 **Charter Lectures** Royal Society of Biology, East Midlands

2010 **Ferrier Prize Lecture** The Royal Society

2010 **Max Cowan Lecture** Dana Foundation and the Federation of European Neuroscience Societies

2010 **Ida Mann Lecture** Oxford Eye Hospital

2011 **Archibald Clark-Kennedy Lecture** Corpus Christi College Cambridge

2011 **Sir Geoffrey Jefferson Lecture** Society of British Neurological Surgeons

2011 **Keynote Lecture** Rudolf Magnus Institute of Neuroscience, Utrecht, The Netherlands

2011 **Plenary Lecture** SiNAPSA Neuroscience Conference, Ljubljana, Slovenia

2011 **Annual BioCity Lecture** BioCity Nottingham

2011 **Annual Lecture** St John's College Research Centre, Oxford

2011 **Invited Lecture** 17th International Biophysics Congress, Beijing, China

2012 **John Coffin Memorial Lecture** University of London

2012 **Science & Society Lecture** University of Liverpool

2012 **Humphreys Lecture** University of Birmingham

2012 **Invited Lecture** International Symposium for the 75th anniversary of Albert Szent-Györgyi's Nobel Prize, University of Szeged, Hungary

2012 **Lord Brain Memorial Lecture** Barts and The London School of Medicine and Dentistry

2012 **Keynote Speech** 25th Congress of the European College of Neuropsychopharmacology, Vienna

2012 **Chancellor's Lecture** University of Hertfordshire

2012 **Chandaria Lectures** Institute of Philosophy, School of Advanced Study, University of London

2013 **Public Lecture** University of Pennsylvania Center for Neuroscience & Society

2013 **Anne Silk Lecture** Royal Society of Medicine

2013 **Keynote Lecture** Interactions in Vision, CVR Conference, York University, Toronto

2013 **World Cultural Council Public Lecture** Nanyang Technological University, Singapore

2013 **Castang Lecture** European Academy of Childhood Disability, Newcastle upon Tyne

2013 **Keynote Lecture** Inaugural Conference of iCog

2014 **Trotter Paterson Lecture** Society of Light and Lighting

2014 **Sydney Driscoll Neuroscience Foundation, 25th Anniversary Lecture** Royal Preston Hospital

2014 **Mullins Public Lecture** Bishop Wordsworth's School, Salisbury

2014 **Margarete Wuensche Memorial Lecture** Hotchkiss Brain Institute, University of Calgary

2014 **Centenary Lecture** The Physiological Laboratory, University of Cambridge

2014 **Guest Lecture** Psychobiology Section, British Psychological Society

2014 **Erasmus Darwin Memorial Lecture** Lichfield Science and Engineering Society

2015 **Dana Foundation Neuroethics Lecture** IBRO World Congress of Neuroscience, Rio de Janeiro

2015 Performance in *Sick of the Fringe* (Edinburgh Festival Fringe), commissioned by the Wellcome Trust

2015 **Classics of Visual Science Lecture** Optical Society of America, San José, California

2015 **Keynote Lecture** AISC (Italian Association for Cognitive Sciences), Genova, Italy

2016 **Guest Speaker, V Congresso del Futuro** Senate of the Republic of Chile

2016 **Charter Lecture** The College of Optometrists

2016 **Russell De Valois Memorial Lecture** University of California Berkeley

2016 **Distinguished Lecture** City University of Hong Kong

2017 **Distinguished Lectures** SAGE Center for the Study of the Mind, University of California, Santa Barbara

2017 **Keynote Lecture** 62nd Annual Conference of the International Linguistic Association, City University of Hong Kong

2017 **Keynote Lecture** *Neuroscience Across Scales*, National Centre for Biological Sciences, Bangalore, India

2017 **Principal Lecture** 59th International Youth Science Forum, Imperial College, London

2018 **Invited Lecture** The Highgate Literary and Scientific Institution

2018 **Research Excellence Lecture** The College of Optometrists

2018 **Keynote Lecture** International Symposium on Healthy Ageing, University of Hong Kong

2018 **Invited Lecture** Gordon Research Conference on Neuroplasticity of Sensory Systems, Hong Kong

2018 **Keynote Lecture** Inaugural meeting of the International Society of Neuroscience, Hong Kong

2018 **Keynote Lecture** IEEE World Conference on Computational Intelligence, Rio de Janeiro

2018 **Keynote Speech** Brain-Inspired Intelligence Forum, World AI Conference 2018, Shanghai

2018 **Special Lecture** World Cultural Council Award Ceremony, City University of Hong Kong

2019 **Darwin College Lecture** University of Cambridge

2019 **Invited Lecture** Shuangqing Forum *Big Biomedical Data and Artificial Intelligence for Intelligent Medicine*, Shanghai

2019 **Bei Shizhang Lecture** Chinese Academy of Sciences Institute of Biophysics, Beijing

2019 **Debate Panellist** *From Research to Application* International Innovation and Technology Hub Forum, Nobel and Turing Laureates Hong Kong Summit

- 2019 **Keynote Lecture** QS WorldClass 2019 seminar on *One Health: University-Industry Collaboration in Medical Technology and Beyond*, Discovery Bay, Hong Kong
- 2019 **Invited Lecture** IBRO/International Center for Primate Brain Research Summer School on Primate Neurobiology, Shanghai, China
- 2019 **Plenary Lecture** Second China Symposium on Cognitive Computing and Hybrid Intelligence, Xi'an, China
- 2019 **Special Lecture** Tsukuba Conference 2019, University of Tsukuba, Japan
- 2019 **Plenary Lecture** 2019 World Conference on Science Literacy, Beijing, China
- 2019 **Plenary Lecture** International Conference on Frontier Sciences, celebrating the 70th anniversary of the Chinese Academy of Sciences, Beijing, China - <http://www.cas.cn/zt/hyzt/icfs/>
- 2020 **Special Lecture** Shaastra 2020, Indian Institute of Technology Madras, Chennai, India
- 2020 **Keynote Lecture** QS Maple 2020 (*Building World-Class Universities in the Middle East*) Manama, Bahrain
- 2020 **Opening keynote lecture** Malvern Festival of Ideas, Malvern, UK
- 2020 **Proposer for Squared Debate: COVID-19 changes everything for Higher Education** QS-MAPLE 2020, Prince Mohammad Bin Fahd University, Saudi Arabia (virtual)
- 2020 **Robert Warner Lecture** Worshipful Company of Founders, London

EDITORIAL WORK

- 1971- Member, Editorial Board, *Perception*
- 1977- Member, Board of Editorial Commentators, *Behavioral and Brain Sciences*
- 1977-83 Member, Editorial Board, *Trends in Neurosciences*
- 1978-86 Member, Editorial Board, *Journal of Developmental Physiology*
- 1979-89 Member, Board of Co-Editors, *Experimental Brain Research*
- 1979-90 Member, Editorial Board, *Language and Communication*
- 1981- Series Editor, *Perspectives in Vision Research* (Plenum Press, New York)
- 1984- Member, Editorial Board, *Reviews in the Neurosciences*
- 1985-8 Associate Editor, *News in Physiological Sciences*
- 1986-92 Member, Editorial Board, *Clinical Vision Sciences*
- 1986-2000 Editor-in-Chief, *IBRO News* and the IBRO website
- 1987-90 Member, UK Publication Advisory Panel of IRL Press
- 1988- International Advisor, *Chinese Journal of Physiological Sciences*
- 1989-94 Member, Advisory Board, *Network (Computation in Neural Systems)*
- 1989- Member, Editorial Board, *Advances in Neuroscience* (Raven Press)
- 1989-2003 Associate Editor, *NeuroReport*
- 1993-9 Member, Editorial Board of *Vision Research*
- 1996-2000 Member, International Reviewing Board of *Neuroscience Research*
- 1996- Member, Editorial Board of *International Review of Neurobiology* (Academic Press)
- 1996-2001 Editor-in-Chief, *The Oxford Companion to the Body* (Oxford University Press)
- 1998- Member, Editorial Board of *EuroBrain* (Newsletter of the European Dana Alliance for the Brain)
- 1999-2003 Member, Advisory Board, *Encyclopedia of the Human Brain* (Academic Press)
- 2001- Associate Editor, *BMC Physiology*
- 2002-10 Member of the *Faculty of 1000*
- 2006- Member, Editorial Advisory Board, *American Journal of Bioethics – Neuroscience*
- 2008- Member, Board of Advisors, *Oxonian Review of Books*
- 2010-16 Member, Editorial Board, *Philosophical Transactions of the Royal Society B*
- 2010-16 Consulting Editor, *Journal of Physiology*
- 2011- Member, Advisory Board, *Princeton University Press*
- 2015- Member, Editorial Board, *Neuroscience of Consciousness*
- 2017- Member, Advisory Board of *Brainstorm Books*

MEMBERSHIP OF LEARNED AND PROFESSIONAL SOCIETIES

- 1962- Cambridge University Medical Society (Life Member)
- 1968-70 American Association for the Advancement of Science

1968-70 Sigma Xi
 1968- British Neuroscience Association (formerly Brain Research Association) (President 1997-2000; Patron 2013-)
 1968- The Physiological Society (Honorary Member 1998-; President 2001-3)
 1968- The Experimental Psychology Society
 1969-2008 Research Defence Society (Chair of Council, 2007-)
 1972- European Brain and Behaviour Society
 1973- International Brain Research Organization
 1975- Cambridge Philosophical Society
 1977-2000 European Neuroscience Association
 1981- Society for Neuroscience
 1986- Oxford Medical Society
 1986- Child Vision Research Society
 1989- British Science Association (formerly British Association for the Advancement of Science) (President 1997-8; Chair 2001-3; Honorary Fellow, 2001-)
 1989- International Society for Myochemistry
 1989-2003 National Conference of University Professors
 1994- European Biomedical Research Association (Founder Member)
 1994-2002 International Society for the History of the Neurosciences
 1996- Institute of Biology (Honorary Fellow 2004-)
 1998- Worshipful Company of Spectacle Makers (Member of the Livery, 1998-)
 1999-2002 International Society on Infant Studies
 2000- Federation of European Neuroscience Societies
 2002-9 Biosciences Federation (Honorary Fellow)
 2003- Royal Society of Medicine (Fellow 2003; Honorary Fellow 2012)
 2004- Association of British Science Writers (Honorary President)
 2008- Understanding Animal Research
 2009- British Society of Neuroradiologists
 2009- Royal Society of Biology (Honorary Fellow)
 2009- Singapore Chapter of the Society for Neuroscience
 2012- International Neuroethics Society
 2017- Australasian Neuroscience Society