

Biographies of Science and Engineering Advisory Group members

Anjana Ahuja

Staff writer
The Times

Anjana Ahuja has been a staff writer at The Times for 13 years. She writes in-depth features on a wide range of scientific and medical topics and her Science Notebook column appears weekly in the comment pages. She has also written for other publications, including Elle, The Oldie and Science in Parliament. She is currently on the editorial advisory committee of the British Association for the Advancement of Science and, until recently, spent three years on a Science in Society committee at the Royal Society. She is often called upon to chair or participate in popular science debates and workshops and is frequently invited to contribute to radio. Anjana was educated at Imperial College in London, where she gained a degree in physics and a PhD in space physics. She also holds a postgraduate diploma in newspaper journalism from City University in London.

Professor Jim Al-Khalili

Professor of Physics
University of Surrey

Jim Al-Khalili is a quantum physicist based at the University of Surrey in Guildford where he holds a personal chair in physics as well as a university chair in the Public Engagement in Science. He also holds an EPSRC (Engineering and Physical Sciences Research Council) Senior Media Fellowship. In addition to being an academic at Surrey where he teaches and conducts his research into atomic nuclei, he is author of a number of popular science books and a broadcaster, and will be presenting a major BBC television documentary series on atoms this summer. He is a trustee and member of council of the British Association for the Advancement of Science. He lives with his wife and two teenage children in Southsea in Hampshire.

Professor Steve Albon

Macaulay Institute
Aberdeen

Steve Albon co-ordinates a research programme: Environment – Land Use and Rural Stewardship for the Scottish Executive Environment and Rural Affairs Department. He is an expert in population ecology publishing 100 papers about red deer, especially on the Isle of Rum, Soay sheep on St Kilda and reindeer on Spitsbergen. Steve is Chair of the Scottish Biodiversity Forum, Action Plan and Science Group, which represents a wide range of scientific institutions, government departments and agencies, and NGOs contributing to the implementation of Scotland's Biodiversity Strategy. Steve is an Associate Editor of the Journal of Animal Ecology, a member of the NERC Peer Review College, and NERC Polar Science Working Group. Until recently he was the UK representative on the core group of the European Science Foundation Life and Environmental Science Committee.

Professor Neil Champness

Professor of Chemical Nanoscience

University of Nottingham

Neil Champness is the Professor of Chemical Nanoscience at the University of Nottingham. In recognition of his research he was awarded the Bob Hay lectureship of the RSC UK Macrocyclic and Supramolecular Chemistry Group in 2005, given to the best UK supramolecular chemist under the age of 40. Professor Champness began his academic career at the University of Southampton. He moved to the University of Nottingham in 1995 and was appointed to the Chair of Chemical Nanoscience in 2004. He has published over 130 research papers in top journals. He was appointed as Chair of the editorial board of CrystEngComm in 2007, having been a member of the board since 2002. He is a member of Dalton Council and the Materials Chemistry Forum of the Royal Society of Chemistry, and is the founding chairman of the RSCs Chemical Nanoscience and Nanotechnology Interest Group.

Professor Mike Hulme

Founding Director

Tyndall Centre for Climate Change Research

University of East Anglia

Mike Hulme is the Founding Director of the Tyndall Centre for Climate Change Research, UK, and is based in the School of Environmental Sciences at the University of East Anglia (UEA) where he has worked for the last 18 years. His general research interest is global climate change – the science/policy interface – but specialising in the construction and application of climate change scenarios for impact, adaptation and integrated assessment. He has also worked on the evaluation of climate models and on the development of global and national observational climate data sets. Much of his early research career was concerned with climate change and desertification in Africa. Professor Hulme has prepared climate scenarios and reports for the UK government, the European Commission, UNEP, UNDP, WWF-International and the IPCC. He is co-editor of the journal Global Environmental Change. For 12 years he wrote a monthly climate column for the Guardian newspaper.

Tony Juniper

Senior Associate

Cambridge University Programme for Industry

Tony Juniper is an independent sustainability and environment adviser, including as a special adviser with The Prince of Wales' Rainforest Project and Senior Associate with the Cambridge University Program for Sustainability Leadership. He speaks and writes on many aspects of sustainability, and contributes to the work of several advisory panels, including with the Science Museum and British Council. He is Editor-in-Chief of National Geographic magazine's new Green magazine supplement and writes a green column for the Sunday Times Home section. He is the author of several books, including the award winning Guide to the Parrots of the World (1998), Spix's Macaw (2002) and How Many Light Bulbs Does It Take To Change A Planet? (2007). Tony Juniper began his career as an ornithologist, working with Birdlife International. From 1990 he worked at Friends of the Earth. He was the organisation's executive director from 2003-2008 and also the Vice Chair of Friends

of the Earth International from 2000-2008. He is the Parliamentary candidate for the Green Party in the Cambridge constituency.

Michael E. Lamb

Professor of Psychology in Social Sciences
University of Cambridge

Michael E. Lamb received his Ph.D. from Yale University in 1976 and honorary doctorates from the Universities of Goteborg Sweden (1995) and East Anglia (2006). He has researched and written about social and emotional development, especially in infancy and early childhood; the development and importance of mother- and father-child relationships; the determinants and consequences of adaptive and maladaptive parental behavior, including child abuse; children's testimony; and applied developmental psychology. The Association for Psychological Science gave him the 2003/4 James McKeen Cattell Award for Lifetime Contributions to Applied Psychological Research.

Dr Vicky Pope

Head, Climate Change for Government
Met Office

Vicky Pope is responsible for providing climate change advice from the Met Office to government. She has specific responsibility for delivering the Defra- and MoD-funded Integrated Climate Programme, together with some smaller contracts for other government departments and the European Union, with a total funding of around £20 million. Vicky Pope gained a BA honours degree in mathematics in 1982 from the University of Cambridge and a PhD in meteorology in 1990 from the University of Reading. She joined the Met Office in 1982 and became a manager of stratospheric research in 1991 and of climate model development in 1996. She has been a programme manager in climate research since 2002, and is now Head of Climate Change for Government.

Dr Gill Samuels CBE

Gill Samuels retired in 2005 from the position of Executive Director of Science Policy and Scientific Affairs, Europe for Pfizer. Previously she was Director of Cardiovascular Biology, contributing to the discovery of several new medicines. She has served on many national and international health care and science committees, including two government commissions, and remains a Special Advisor for both the WHO and the EC. She is Chair of the Bioscience Futures Forum and of the Cheltenham Science Festival. In addition she is a Special Adviser to the Science Museum, and a member of Council of the Royal Institution. In 2005 the CBI honoured Dr Samuels with the First Woman of Science Award. She received a CBE for services to the biotechnology and pharmaceutical industries in 2002. She speaks regularly to the media and to public audiences.