

SHORT CVS OF THE SPEAKERS¹

JEAN PIERRE ALIX

Dr Alix is an economist with a specialisation in business and strategy. He is Chief of “Science in society” Project, CNRS and a Member of Conseil Supérieur de la Recherche et de la Technologie, France. Graduated from HEC School (M and Doctoral Program) and from the University of Paris (Master), he has been Secretary general of the Ocean Sciences Program in CNRS and Universities in France, then in charge of macroevaluation of scientific institutions at CNER and at Ministry of territorial affaires, Adviser to the Minister of education and research, and development chief executive at la Cité des Sciences et de l’Industrie. He has been tasked by the French Ministry of Higher Education and Research to head a mission to overhaul research integrity structures in France. The mission will, on one hand, propose appropriate measures to include research integrity in the training of scientists and to prevent research misconduct and, on the other hand, propose effective mechanisms to detect and deal with research misconduct. Concerning the “science in society” question, he chairs workshops in OECD and ESF dedicated to understanding and developing dialogue between scientists and partners of science in society.

CHRISTINE BOESZ

Dr. Boesz assumed the duties as Inspector General of the US National Science Foundation (NSF) in January 2000, reporting to the National Science Board and the Congress. As head of the Office of Inspector General (OIG) she recommends policies for promoting economy, efficiency and effectiveness of NSF programs and operations. She leads efforts to prevent and detect fraud, waste, and abuse, improving the integrity of NSF programs and operations and investigating allegations of misconduct in science.

Prior to this position, Dr. Boesz served as Head of Regulatory Accountability, at Aetna U.S. Healthcare Inc. where she had broad responsibilities for establishing and maintaining a compliance program for the managed care Medicare program. From 1995 to 1998, she served as Vice-President of Government Programs at New York Life, developing and operating Medicare and Medicaid managed care programs in ten states.

Prior to 1995, Dr. Boesz held several federal government compliance and oversight positions over an 18-year period with the Department of Health and Human Services. She was also Associate Professor of Mathematics, Valdosta State College, Georgia.

¹ In alphabetic order by last name

Dr. Boesz received her B.A. in mathematics from Douglass College (1966) and a M.S. in statistics from Rutgers University (1967). Her Doctorate in Public Health (health policy) was awarded by the University of Michigan School of Public Health (1997) where she was a Pew Fellow.

EMMA CAMPBELL

Dr. Campbell edits the website of the European Association of Science Editors (EASE) and has served on the EASE Publications Committee since April 2005. She is also a freelance editorial project manager, editor and writer for several scientific and medical journals and books, and medical communications agencies. Before starting freelance work, she worked at Nature Publishing Group from 2005 to 2006 as Editor of their clinical rheumatology journal and Associate Editor of their clinical neurology journal. From 2003 until 2005 she held editorial positions on the Royal College of Obstetricians and Gynaecologists' (UK) journal for continuing professional development, managing the publication of this journal during 2004-2005. Before moving to a career in publishing, she practiced in the UK National Health Service as a physiotherapist. She holds a PhD on the pathology of Alzheimer's disease from the University of Sheffield and Sheffield Hallam University, UK.

GLYN DAVIES

Mr Davies is Director, International Affairs at the UK Economic and Social Research Council (ESRC) with responsibilities to develop ESRC's international strategy and integrate this with ESRC's mainstream work, and with that of other RCUK research councils.

He also acts as the convenor and chair of the Research Councils UK (RCUK) Good Research Conduct group.

Until last February he was for ten years the Deputy Chief Executive at ESRC with overall responsibility for policy, strategy and resources. He has worked for ESRC since 1971 with research management and development roles in management and business studies, and then socio-legal studies, and educational research. This was followed by a period as director of postgraduate training, responsible for developing and implementing guidelines for generic and subject specific training needs across the social sciences. He became director of resources – including responsibility for research evaluation and exploitation - and in 1986, and deputy chief executive in 1996. He formally retired in March this year but works in his continuing roles on a part-time basis.

He currently serves as a member of the ESF Standing Committee for Social Sciences (SCSS) and is an elected member of the Executive Committee of the International Social science Council (ISSC). He is also a visiting professor and consultant on research strategy and management at the University of Gloucestershire.

He has a major role leading on RCUK matters relating to research integrity and good research conduct. Considerable developmental work has been done by RCUK in recent years, and this has been subject to a major consultation exercise about future developments in the UK which closed on 24 October this year. He will report at

the workshop on the issues behind the consultation – including a code of conduct which addresses conflicts of interest, misrepresentation, preservation of data and primary materials, and duty of care, as well as issues of data and publication integrity - and an initial assessment of the responses to it.

JUAN JOSE DE DAMBORENEA

Professor de Damborenea is Deputy Vice-president of Scientific-Technical Areas of the Spanish National Research Council (CSIC) since May 2008. He is responsible for the coordination among the eight research areas within CSIC. Among his duties is also to contribute to the Committee of Women and Science for the monitoring of the implementation of the Equal Opportunity Policy.

Before moving to the Central Organisation of CSIC, Professor de Damborenea was the Head of the Corrosion and Protection Department at the National Centre for Metallurgical Research (CENIM/CSIC). He has been involved in different funded research projects (national and European) as well as in cooperative actions with non-developed countries. He holds a PhD in Metallurgy from the University Complutense of Madrid.

ALAN DONNELLY

Professor Donnelly is associate professor in exercise physiology at the University of Limerick in Ireland. Professor Donnelly was head of the Dept. of Physical Education and Sport Sciences at the University of Limerick for a total of 6 years, ending in 2006. He now leads an active research group with a focus on human muscle and exercise physiology, and is chairperson of his department's research ethics committee. He was appointed as a member of the Irish Council for Bioethics in 2006, and will soon commence his second term on the council. In 2003-4 he spent 12 months as a visiting researcher at the University of Sydney, undertaking research on exercise-induced changes in muscle Heat Shock Protein expression. He has been an active University researcher and lecturer since 1988, when he completed his Ph.D. on muscle physiology at the University of Aberdeen in Scotland.

PIETER DRENTH

Professor Pieter J.D.Drenth studied psychology at the Vrije Universiteit Amsterdam, and New York University (Fulbright scholarship) in New York. He received his PhD in 1960.

He has been a Professor of Psychology since 1967 and Emeritus Professor since 2006 at the Vrije Universiteit Amsterdam. He was Visiting Professor at Washington University, St. Louis, USA (1966) and University of Washington, Seattle, USA (1977).

From 1982-1987 he served as Rector Magnificus of the Vrije Universiteit, and from 1990 – 1996 as President of the Royal Netherlands' Academy of Arts and Sciences. From 2000 – 2006 he was President (and since 2006 Honorary President) of the European Federation of national Academies of Sciences and Humanities (ALLEA: All European Academies).

PEGGY FISCHER

Dr. Fischer is currently the Associate Inspector General for Investigations for the National Science Foundation and in that capacity she manages the integrity efforts for the Office of Inspector General.

She has been with the Foundation for 10 years, and before her current appointment, she was a Senior Scientist in the Office of Inspector General where she managed the research misconduct investigative case effort for the Office. Her previous experience includes serving as a Senior Program Officer for the National Research Council's Board on Biology and as the Director of Research and Development for a biotechnology company. She held two postdoctoral positions after receiving her doctorate in cell biology.

SEBASTIAO FORMOSINHO

Professor Formosinho is full professor of Chemistry of the University of Coimbra and is the President of the Coimbra Chemistry Centre since 1990. He has been President of the Faculty of Science and Technology and Head of the Department of Chemistry of the University of Coimbra. During the years of 1980 and 1981 has been Secretary of State for Higher Education. In the period 1977-1992 he was a member of the National Science Research Council and Vice-President for the Committee of Exact Sciences, from 1989 to 1992. From 1992 to 1998 was President of Sociedade Portuguesa de Química, and in the period 2000-2002 was President of the Scientific Committee for the Thermal Treatment of Industrial Hazardous Wastes in Portugal. He is a full member of the Academia das Ciências de Lisboa. He has a special interest on scientific controversies and cognitive change and such studies include efforts to promote research integrity and explanatory coherence in science. He holds a Ph.D. in physical-chemistry from the University College (London) and his scientific interests are on the fields of photochemistry and chemical reactivity.

PAVEL KRATOCHVIL

Pavel Kratochvil, PhD, DSc, FRSC, Professor of Macromolecular Chemistry, has been affiliated for most of his professional career with the Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic (AS CR), Prague. In the years 1990 – 1998, he served as the Director of the Institute with a staff of 250. His field of activity is the physical chemistry of polymers. Professor Kratochvil has published more than 200 papers in high impact journals and presented over 240 invited lectures and communications at international meetings and lectures at international universities and research institutions. As the first Chairman, he founded the Committee for Scientific Integrity of the AS CR. Currently he serves as its Vice-Chairman and is also a member of the ALLEA Standing Committee on Science and Ethics.

JOHN MARKS

Dr. Marks is Deputy Executive Officer and Director of Science and Strategy of the European Science Foundation (ESF) since January 2004. In this capacity, he oversees ESF science policy initiatives including efforts to promote research integrity in Europe. Before joining ESF, he was the director of Earth and Life Sciences at the Netherlands Organisation for Scientific Research (NWO). During 1992-1993 he was the acting Executive Director of the International-Geosphere Programme in Stockholm. From 1981 until 1998 he worked in the Netherlands' ministry of Education, Culture and Science in various positions in the field of Science Policy. He has been involved in a wide range of science policy and management activities at the international level, both European and global, among others in the frame of the International Council for Science ICSU. He holds a PhD in experimental low temperature physics from the University of Leiden, the Netherlands.

TONY MAYER

Mr Mayer is a geologist by education and training. He is the Senior Science Officer and Associate Registrar of the Nanyang Technological University (NTU) in Singapore. Before that he held a senior position in ESF (latterly as Senior Science Policy Adviser) and was previously Director of the COST Office, Brussels. He was also the Scientific Secretary of EURAB and has been involved in many EC activities and contracts. He joined the ESF from the UK Natural Environment Research Council where he was head of its International Group and also was responsible for the UK Global Environmental Change Research Office. He also worked as the first non-American in the JOIDES Planning Office of the Ocean Drilling Program in the Graduate School of Oceanography, University of Rhode Island during the 1980s. In ESF he had been responsible for the Foundation's involvement having overseen the first ESF study and publication on research integrity in 2000. More recently, he was the ESF Co-Chair and Co-Organiser of

the First World Conference in Lisbon. Currently, he is involved in the organisation of the Second World Conference on Research Integrity and is the NTU Research Integrity Officer.

ALEXIS-MICHEL MUGABUSHAKA

Dr. Mugabushaka is a Science Officer for Corporate Science Policy at the ESF. He supports the senior management in initiating and coordinating science policy and strategic initiatives in line with ESF mission. He held previously the positions of Officer for Statistics and Evaluation at the German Research Council (DFG) and Research and Teaching Associate the International Centre for Higher Education Research (INCHER) at the University of Kassel, Germany. He edited the report “Steward of integrity: institutional approaches to promote and safeguard good research practice in Europe”. He holds a PhD in Applied social sciences in the area of higher education and science policy studies.

PERE PUIGDOMENECH

Professor Puigdomenéch graduated in Physics at the University of Barcelona in 1970 and completed his Doctorate in Biology at the Autonomous University of Barcelona in 1975. He is currently Director of the Research Institute in Agrigenomics CSIC-IRTA-UAB. He has pre- and postdoctoral research experience in Molecular Biology in CNRS, Montpellier, France, Portsmouth Polytechnic, UK and Max-Planck-Institut für Molekulare Genetik, Berlin, Germany. His research field is Plant Molecular Biology, field in which has his main research publications. His present research interests are in plant genomics and its exploitation to study complex genetic traits in model and crop plant. He is a member of EMBO, Academia Europea, Institut d’Estudis Catalans, the Royal Academy of Sciences and Arts of Barcelona and foreign member of the Academie d’Agriculture of France. He has been a member of the Scientific Steering Committee at DG Sanco. European Commission 2001-2003. He is currently a member of the Spanish National Biosafety Committee and Member of the European Group on Ethics in Science and New Technologies of the European Commission since 2001. Professor Puigdomenéch chairs the Ethics Committee of CSIC.

CLAIRE RIBRAULT

Ms Ribrault is a founding member of the “Scientific Red Cards” initiative, a website which collects scientific publications for which misconduct has been assessed and aims at promoting a responsible conduct of research.

She is currently a PhD student in neurobiology at Ecole Normale Supérieure (Paris), after she received a master degree “interdisciplinary approaches of life sciences”.

CARTHAGE SMITH

Dr Smith is Deputy Executive Director of the International Council for Science (ICSU), which is an international non-governmental organization, whose membership includes national science bodies (111) and international scientific unions (27). ICSU's mission is to strengthen international science for the benefit of society. Carthage has been at ICSU since 2001. Prior to moving to ICSU, he was head of the International Section at the Medical Research Council in the UK. Originally trained as a biochemist, his PhD and research background are in Neuroscience.

ANDY STAINTHORPE

Dr Stainthorpe started his career in biomedical research at the Universities of London and Warwick followed by a period in research management with the Research Councils. For the last ten years Dr Stainthorpe has led Research Governance and run Research and Development Support Units first in Bristol and more recently in Salisbury. As a research adviser he has been actively involved in a number of research projects large and small, including design lead and ethical adviser on EC projects.

He was Director of the office of the UK Panel for Research Integrity in Health and Biomedical Sciences from February 2006 to October 2008.

He was a member of the Lisbon Conference Planning Group, with UKRIO as a cosponsor of the conference. He represented the UK in the OECD GSF initiatives including leading one of two working groups under the coordinating Committee for Facilitating International Research Misconduct Investigations. He also was also rapporteur for the Expert Group to advise the EC in general and the Research Directorate in particular on a "Rationale for Community Action".

NICHOLAS STENECK

Nicholas H. Steneck, PhD, is Director of the Research Ethics and Integrity Program of the Michigan Institute for Clinical and Health Research and Professor Emeritus of History at the University of Michigan. He is also a consultant to the Federal Office of Research Integrity, HHS. In the early-1980s, Professor Steneck chaired the University of Michigan's pioneering Task Force on Integrity in Scholarship and later the Public Health Service Advisory Committee on Research Integrity (1991-1993). He helped establish and recently directed the ORI/NIH Research on Research Integrity Program. He has co-chaired and organized the program for four ORI Research on Research Integrity Conferences (2000, 2002, 2004, 2006) and the ORI-ESF World Conference on Research Integrity in Lisbon, Portugal, September 2007. He has published articles on the history of research misconduct policy, responsible conduct of research instruction, the use of animals in research, classified research and academic freedom, the role of values in university research, and research on research integrity. Most recently, he authored the ORI Introduction to the Responsible Conduct of Research (2004, 2007; translated into Japanese, Chinese, and

Korean). In recognition of his work on research integrity and the history of science, he became a Fellow of the American Association for the Advancement of Science in 1992 and is currently a member of the AAAS Committee on Scientific Freedom and Responsibility.

EERO VUORIO

Dr Eero Vuorio, Professor of Molecular Biology, has served as Chancellor of the University of Turku since September 2003. After receiving his medical degree from the University of Turku, Professor Vuorio has worked as a visiting scientist and professor at the University of Chicago, at the Swiss Federal Technical High School (ETH) in Zürich, and at the University of Texas in Houston. He has served six years in the Academy of Finland as a Board member and as the chair of the Research Council for Health. In addition to his domestic expert and administrative tasks, Professor Vuorio has also had several corresponding duties abroad. He is the national delegate on the European Molecular Biology Laboratory Council (EMBL) and served as Vice-Chair from 2000 to 2002 and Chair from 2003 to 2006. He also works as a part-time Executive Manager of BBMRI, the Biobanking and Biomolecular Resources Research Infrastructure. Professor Vuorio has had several expert duties at the European Commission. Recently he was appointed to chair the Identification Committee of new members of the European Research Council.

Professor Vuorio is the Chair of the Finnish National Advisory Board for Research Ethics since 2004.