

References

- 2nd WCRI (2nd World Conference on Research Integrity). 2010. *Singapore Statement on Research Integrity*. Available at <http://www.singaporestatement.org/index.html>. Accessed 26 July 2012.
- Adams, B., and J. Larson. 2007. *Legislative History of the Animal Welfare Act*, Animal Welfare Information Center Resource Series No. 41, September. Available at <http://www.nal.usda.gov/awic/pubs/AWA2007/awa.shtml>. Accessed 26 July 2012.
- Associated Press. 2003. Science mags edit for biosecurity. 16 February.
- BBC. 2012. Neutrino “faster than light” scientist resigns. 30 March.
- Bell Laboratories. 2002. *Report of the Investigation Committee on the Possibility of Scientific Misconduct in the Work of Hendrik Schön and Coauthors*. September.
- Budapest World Science Forum. 2011. *Declaration of the Budapest World Science Forum 2011 on a New Era in Global Science*.
- Budden, A.E., T. Tregenza, L.W. Aarssen, J. Koricheva, R. Leimu and C.J. Lortie. 2008. Double-blind review favours increased representation of female authors. *Trends in Ecology and Evolution* 23(1) 4-6. January.
- Butler, D. 2012. Flu meeting opts for openness. *Nature* 482:447-448. 23 February.
- Campanario, J.M. 2009. Rejecting and resisting Nobel class discoveries: accounts by Nobel Laureates. *Scientometrics* 81(2) 549-565. April.
- CAS (Chinese Academy of Sciences). 2007. *Statements on the Notion of Science*. Beijing: CAS
- CCA (Council of Canadian Academies). 2010. *Honesty, Accountability and Trust: Fostering Research Integrity in Canada, Report of the Expert Panel on Research Integrity*. Ottawa: CCA.
- Chinaculture.org (maintained by China Daily for the Ministry of Culture, People’s Republic of China). 2012. Sun Simiao. Available at http://www1.chinaculture.org/library/2008-01/31/content_26674.htm. Accessed 7 June 2012.
- Cohen, J. 2012. The limits of avian flu studies in ferrets. *Science* 335(6068): 512-513.
- Cohen, J., and D. Malakoff. 2012. On second thought, flu papers get go-ahead. *Science* 336(6077):19-20. 6 April.
- COPE (Committee on Publication Ethics). 2012. COPE website. Available at <http://publicationethics.org/>. Accessed 26 July 2012.
- Couzin, J., and M. Schirber. 2006. Fraud upends oral cancer field, casting doubt on prevention trial. *Science* 311(5760):448-449. 27 January.
- DFG (Deutsche Forschungsgemeinschaft). 1998. *Proposals for Safeguarding Good Scientific Practice: Recommendations of the Commission on Professional Self Regulation in Science*. Bonn: DFG.
- DHHS (U.S. Department of Health and Human Services). 1993. *Institutional Review Board Guidebook*. Washington, DC: DHHS. Available at http://www.hhs.gov/ohrp/archive/irb/irb_introduction.htm. Accessed 26 July 2012.
- Edwards, J. 2010. Doc who faked Pfizer studies gets 6 months in prison, showing why gift bans are a good idea. *CBS News*. June 25. Available at http://www.cbsnews.com/8301-505123_162-42845021/doc-who-faked-pfizer-studies-gets-6-months-in-prison-showing-why-gift-bans-are-a-good-idea/. Accessed 26 July 2012.

- ESF (European Science Foundation). 2010. *Fostering Research Integrity in Europe: A Report by the Member Organization Forum on Research Integrity*. Strasbourg: ESF.
- ESF-ALLEA (European Science Foundation and ALL European Academies). 2011. *The European Code of Conduct for Research Integrity*. Strasbourg: ESF.
- Faden, R.R., and R.A. Karron. 2012. The obligation to prevent the next dual-use controversy. *Science* 335:802–804. 17 February.
- Fairman, K.A., and F.R. Curtiss. 2009. What should be done about bias and misconduct in clinical trials. *Journal of Managed Care Pharmacy* 15(2):154–160. March.
- Fanelli, D. 2009. How many scientists fabricate and falsify research? A systematic review and meta-analysis of survey data. *PLoS One* 4(5): e5738. May.
- GBAU (General Board of the Association of Universities). 2004. *Netherlands Code of Conduct for Scientific Practice: Principles of Good Scientific Teaching and Research*. Amsterdam: Association of Universities in the Netherlands.
- Godlee, F., and E. Wager. 2012. Research misconduct in the UK: Time to act. *British Medical Journal* 344:d8357. 4 January.
- IAC (InterAcademy Council). 2010. *Climate change assessments: Review of the processes and procedures of the IPCC*. Amsterdam: IAC
- IAP (InterAcademy Panel on International Issues). 2005. *IAP Statement on Biosecurity*. Available at <http://www.interacademies.net/File.aspx?id=5401>. Accessed 26 July 2012.
- IAS (Indian Academy of Sciences). 2005. *Scientific Values: Ethical Guidelines and Procedures*. Bangalore: IAS.
- Ioannidis, J.P.A. 2005. Why most published research findings are false. *PLoS Medicine*, 2(8): e124. August.
- IOM-NRC (Institute of Medicine–National Research Council). 2002. *Integrity in Scientific Research: Creating an Environment That Promotes Responsible Conduct*. Washington, DC: National Academies Press.
- IPCC (Intergovernmental Panel on Climate Change). 2007. *Climate Change 2007: Synthesis Report. Contribution of Working Groups I, II and III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change* [Core Writing Team, Pachauri, R.K and Reisinger, A.(eds.)]. Geneva: IPCC
- Jayan, T. V. 2010. Rehashing catches up: Once-acquitted biologist barred for 3 years. *Telegraph* (India). 14 November.
- Jayaraman, K.S. 2007. Indian scientists battle journal retraction. *Nature* 447:764. 14 June.
- Jia, H., and F. Tang. 2011. China revokes top science award. *Nature News*. Published online 23 February. Available at <http://www.nature.com/news/2011/110223/full/news.2011.111.html>. Accessed 26 July 2012.
- Johnson, V.E. 2008. Statistical analysis of the National Institutes of Health peer review system. *Proceedings of the National Academy of Sciences* 105 (32) 11076–11080.
- Kennedy, D. 2006. Responding to fraud. *Science* 314(5804):1353. 1 December.
- Lewis, M. 2004. The borrowers. *Washington Post*. 14 November.
- MacArthur, B. 2008. Hitler diaries scandal: “We’d printed the scoop of the century, then it turned to dust.” *Telegraph* (UK). 25 April.
- Mullard, A. 2011. Reliability of “new drug target” claims called into question. *Nature Drug Discovery* 10:643–644. September.
- NAS-NAE-IOM (National Academy of Sciences–National Academy of Engineering–Institute of Medicine). 2009. *On Being a Scientist: A Guide to Responsible Conduct in Research, 3rd Edition*. Washington, DC: National Academies Press.
- NAS-NAE-IOM. 2005. *Facilitating Interdisciplinary Research*. Washington, DC: National Academies Press.

- NAS-NAE-IOM. 1992. *Responsible Science: Ensuring the Integrity of the Research Process*. Washington, DC: National Academies Press.
- NHMRC-ARC-UA (National Health and Medical Research Council–Australian Research Council–Universities Australia). 2007. *Australian Code for the Responsible Conduct of Research*. Canberra: Australian Government.
- NIH (National Institutes of Health). 2008. Enhancing Peer Review: The NIH Announces Enhanced Review Criteria for Evaluation of Research Applications Received for Potential FY2010 Funding. Notice NOT-OD-09-025. 2 December. Available at <http://grants.nih.gov/grants/guide/notice-files/not-od-09-025.html>. Accessed 16 August 2012.
- Nijman, V. 2012. Call for clear policy on deceased authors. *Nature* 488: 281. 16 August.
- NLM (National Library of Medicine, National Institutes of Health). 2012. Greek Medicine. Available at http://www.nlm.nih.gov/hmd/greek/greek_oath.html. Accessed 7 June 2012.
- NSB (National Science Board). 2012. *Science and Engineering Indicators*. Arlington, VA: National Science Board.
- OECD (Organization for Economic Cooperation and Development). 2009. *Investigating Research Misconduct Allegations in International Collaborative Research Projects: A Practical Guide*. Paris: OECD.
- OECD. 2007. *Best Practices for Ensuring Scientific Integrity and Preventing Misconduct*. Paris: OECD.
- ORI (Office of Research Integrity, Department of Health and Human Services). 2011. *Office of Research Integrity Annual Report 2010*. Rockville, MD: Department of Health and Human Services. Available at http://ori.hhs.gov/images/ddblock/ori_annual_report_2010.pdf. Accessed 26 July, 2012.
- OSTP (Office of Science and Technology Policy, Executive Office of the President). 2000. Federal Research Misconduct Policy. Federal Register 65(235). December 6. Available at <http://www.sc.doe.gov/misconduct/finalpolicy.pdf>. Accessed 26 July 2012.
- RIA (Royal Irish Academy). 2010. *Ensuring Integrity in Irish Research: A Discussion Document*. Dublin: Royal Irish Academy.
- RIKEN. 2006. *Established Principles of Countermeasures against Unjust Practices in Scientific Researches*. Available at <http://www.riken.jp/engn/r-world/info/release/press/2006/060123/index.html>. Accessed 26 July 2012.
- Royal Society. 2012. *Science as an open enterprise*. London: The Royal Society.
- Science. 2012. H5N1 special section. *Science* 336(6088): 1521-1547. June.
- SCJ (Science Council of Japan). 2006. *Code of Conduct for Scientists*. Available at <http://www.scj.go.jp/ja/info/kohyo/pdf/kohyo-20-s3e.pdf>. Accessed 10 August 2012.
- SSV (Society for Scientific Values). 2012. SSV Web site: <http://www.scientificvalues.org/index.html>. Accessed 17 March 2012.
- SSV. 2007. Case summary and final proceedings of SSV on the Kundu-JBC case. 28 April.
- Steneck, N. H. 2007. *ORI Introduction to the Responsible Conduct of Research*. Washington, DC: U.S. Department of Health and Human Services.
- Sternstein, J. 2002. Historical fraud and the seduction of ideas: The Poulshock case. George Mason University's *History News Network*. November 25. Available at <http://hnn.us/articles/568.html>. Accessed 26 June 2012.
- Tavare, A. 2012. Institutions must do more to eliminate research misconduct, meeting hears. *British Medical Journal* 344:e446. January 16.
- TENK (National Advisory Board on Research Ethics in Finland). 2002. *Good scientific practise and procedures for handling misconduct and fraud in science*. Helsinki: TENK
- Tilburg University. 2011. *Interim Report Regarding the Breach of Scientific Integrity Committed by Prof. D.A. Stapel*. October 31.

- Valiathan, M.S. 2009a. *The Legacy of Vāgbhata*. Hyderabad: Universities Press.
- Valiathan, M.S. 2009b. An Ayurvedic view of life. *Current Science* 96 (9)1186–1192. May.
- Van Noorden, R. 2011. Science publishing: The trouble with retractions. *Nature* 478:26–28. October 6.
- Wilhite, A.W., and E. Fong. 2012. Coercive citation in academic publishing. *Science* 335 (6068): 542-543. 3 February.
- Zhong, R., 2011. Unreasonable doubt, *Wall Street Journal* (Europe). 14 October.

Biographical Sketches of Committee Members

Indira NATH (Co-Chair) is Raja Ramanna Fellow and Emeritus Professor, National Institute of Pathology (ICMR), Safdarjung Hospital Campus, New Delhi, India. She received an MBBS from the All India Institute of Medical Sciences (AIIMS), New Delhi, and later served on the Faculty of AIIMS, making pioneering contributions to immunology research by her seminal work on cellular immune responses in human leprosy and a search for markers for viability of the leprosy bacillus which is not cultivable. She has also mentored many MBiotech, MD, and PhD students and made contributions to education, medical and science policies, and women scientists' issues. She was a member of the Scientific Advisory Committee to Cabinet, Foreign Secretary INSA (1995–1997), council member (1992–1994 and 1998–2006) and vice president (2001–2003) of the Indian Academy of Sciences, Bangalore, and chairperson, Women Scientists Programme, DST (2003). She was conferred numerous awards, notably: Padmashri (1999), Chevalier Ordre National du Merite, France (2003), Silver Banner, Tuscany, Italy (2003), L'Oreal UNESCO Award for Women in Science (Asia Pacific) (2002), SS Bhatnagar Award (1983), and the Basanti Devi Amir Chand Award by ICMR (1994). She was elected fellow of the Indian National Science Academy, Delhi; National Academy of Sciences (India), Allahabad (1988); Indian Academy of Sciences, Bangalore (1990); National Academy of Medical Sciences (India) (1992); Royal College of Pathology (1992); and the Academy of Sciences for the Developing World (TWAS) (1995). She was conferred a DSc (hc) 2002, by Pierre and Marie Curie University, Paris, France.

Professor Ernst-Ludwig WINNACKER (Co-Chair) is secretary general of the Human Frontier Science Program Organization (HFSPO). He studied chemistry at the Swiss Federal Institute of Technology (ETH Zurich) where he obtained his PhD in 1968. After post-doctoral work at the University of California in Berkeley and the Karolinska Institute in Stockholm from 1968 to 1972, he became assistant and then DFG Visiting Professor at the Institute for Genetics, University of Cologne. In 1977 he was appointed associate professor at the Institute of Biochemistry at the Ludwig Maximilians University of Munich, where he was made full professor in 1980. From 1984 to 1997, he was director of the Laboratory of Molecular Biology at the University of Munich Gene Center. He served as president of the German Research Foundation (DFG) from 1998 to 2006. From 2003 to 2004 he also chaired the European Heads of Research Councils (EUROHORCs). He served as secretary general of the European Research Council (ERC) from 2007 to 2009. Professor Winnacker is a member of the U.S. National Academy of Sciences, Institute of Medicine, and of the German Academy of Sciences Leopoldina. His main fields of research are virus-cell interaction, the mechanisms of gene expression in higher cells, and prion diseases.

Professor Renfrew CHRISTIE has been dean of research at the University of the Western Cape, South Africa, for 22 years. A specialist in the politics and economics of energy, and in the history of science and technology, his Oxford doctorate treated the electrification of South Africa over 70 years. A whistle-blower for

the African National Congress, on the apartheid nuclear weapons program, he was imprisoned for terrorism for seven and a half years in Pretoria. He cofounded the Macro Economic Research Group and the National Institute for Economic policy, which helped set South Africa's economy right after apartheid. He holds the Certificate of Commendation of the Chief of the South African Navy, for contributions to the democratic transformation of the South African Navy after apartheid. For 22 years he has been a member of the Board of Trustees of South Africa's premier human rights law unit, the UWC Community Law Centre, and has chaired the board for 15 years. His handwriting was on the second draft of the South African Bill of Rights. He is a defence force service commissioner, whose task is to advise the minister on the conditions of service of South Africa's troops. He has chaired the South African Commonwealth Scholarships Selection Committee for 15 years. He has held visiting fellowships in the Woodrow Wilson International Center for Scholars, Washington D.C.; the Stiftung fur Wissenschaft und Politik, then in Ebenhausen; and the Indian Ocean Peace Centre, in Perth, Western Australia. He has had the privilege of addressing the Groupe Crises of the Institut de France on the Quai de Conti, Paris. He attended both the Lisbon and Singapore World Conferences on Research Integrity. He is a signatory on the Singapore Statement on Research Integrity. He is a member of the Academy of Science of South Africa and a fellow of the Royal Society of South Africa.

Pieter J. D. DRENTH studied psychology from 1952 to 1958, and received his PhD in 1960 at the VU University Amsterdam. With a Fulbright scholarship, he studied and worked in the United States (New York University and Standard Oil Co. of New Jersey) from 1960 to 1961. From 1962 to 1967 he was lecturer in test theory and statistics, and from 1967 to 2006 he was professor in test and scale theory and work and

organisational psychology at the VU University Amsterdam. He was visiting professor at Washington University in St. Louis, (1966) and the University of Washington, Seattle (1977). From 1982 to 1987 he was Rector Magnificus at the VU University Amsterdam, and from 1990 to 1996 he was president of the Royal Netherlands Academy of Arts and Sciences. From 2000 to 2006 he was president, and since 2006 has been honorary president, of ALL European Academies (ALLEA, the European federation of national academies of sciences and humanities). For his scientific work he received two honorary doctorates (Gent, 1981, and Paris Sorbonne, 1996). Her Majesty the Queen of the Netherlands conferred on him the knighthood in the order of the Netherlands' Lion (1990) and the commandership in the order of Oranje Nassau (1996).

Paula KIVIMAA received her PhD in organizations and management and is a senior researcher at the Finnish Environment Institute, a government research organization in Finland. Since 2003 she has carried out research on the emergence of eco-innovations in energy and forest sectors and on policy evaluation related to climate, energy, and innovation policies. Her current research focuses on innovations in energy and transport systems and on climate policy integration. Dr. Kivimaa obtained her PhD from Helsinki School of Economics in 2008. In 2009 she was an IAP-selected Young Scientist in the World Economic Forum Annual Meeting of the New Champions. In 2010 she was among the Young Scientists who established a global organization of early-career scientists, Global Young Academy, and acted as an executive committee member during the first year of operation.

Professor LI Zhenzhen works as a research fellow in the Institute of Policy and Management, Chinese Academy of Sciences (IPM-CAS), where she serves as the director of the Research Department of Policy for

Science and Technology Development and the Research Section of Science, Technology and Society. In addition, she is the director of the Research Center for Ethics of Science and Technology, Chinese Academy of Sciences (RCEST-CAS) and Research Center for Academic Morality and Scientific Ethics, Academic Divisions of the Chinese Academy of Sciences (RCAMSE-CASAD), and the executive deputy editor in chief for the academic journal *Science and Society*. Her research interests mainly lie in the field of social studies of science, ethics of science and technology, as well as science and technology policy. In recent years, she has taken charge of major research projects funded by the National Natural Science Foundation of China, Ministry of Science and Technology of China, China Association for Science and Technology, and Chinese Academy of Sciences. In addition, she has been involved in several consultation projects associated with scientific affairs for government departments and civil society, and has participated in drafting policy papers and reviewing law texts.

José A. LOZANO received his PhD in geology from Columbia University in 1974. He is a retired professor of the National University of Colombia (1963–1991), where he occupied several academic administrative positions and was a member of varied administrative academic committees. Professor Lozano is presently general secretary (elected) and executive secretary (appointed) of the Colombian Academy of Exact, Physical and Natural Sciences. He is a correspondent member of the Spanish Academy of Sciences, the focal point for Colombia of the Interamerican Network of Academies of Sciences (IANAS) Science Education Program, president of the Colombian Formation Environmental Net (Red Colombiana de Formación Ambiental), and secretary of the Professional Colombian Council of Geology. His interests encompass science education, capacity building, earth system

science with emphasis in marine geology, and environmental sciences and policies. His previous positions include director of the Marine Research Institute, José Benito Vives de Andrés Marine and Coastal Research Institute (INVEMAR), Punta de Betín, Santa Marta (1979–1981); adjunct professor, Earth Sciences and Resources Institute, University of South Carolina (1987–1990); national correspondent of the IUGS Commission for Marine Geology (1982–1990); chairman of the National Committee International Geosphere, Biosphere Programme (IGBP) (1993–2004); secretary of the Caribbean Scientific Union (CCC) (2005–2007); and coordinator of the IANAS Science Education Program (2006–2010).

Barbara SCHAAL is the Mary Dell Chilton Distinguished Professor in Arts and Sciences, Washington University in St. Louis. She currently serves as vice president of the U.S. National Academy of Sciences, chair of the Division on Earth and Life Studies at the National Research Council, and is a member of President Obama's Council of Advisors for Science and Technology. She is a plant evolutionary biologist who uses DNA sequences to understand evolutionary processes such as gene flow, geographical differentiation, and the domestication of crop species. Her current research focuses on the evolutionary genomics of rice. Professor Schaal was born in Berlin, Germany, and grew up in Chicago, Illinois. She graduated from the University of Illinois at Chicago with a degree in biology and received a PhD from Yale University. She has been president of the Botanical Society of America and the Society for the Study of Evolution and is an elected member of the U.S. National Academy of Sciences and the American Academy of Arts and Sciences.

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