

CONTACT DETAILS

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WEB: <http://2020science.org>

TABLE OF CONTENTS

| | |
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| CONTACT DETAILS | 1 |
| TABLE OF CONTENTS..... | 1 |
| PROFILE | 2 |
| EDUCATION | 2 |
| EMPLOYMENT..... | 2 |
| ACADEMIC POSITIONS..... | 3 |
| LECTURE COURSES TAUGHT | 3 |
| PHD ADVISORY COMMITTEES..... | 3 |
| EXECUTIVE & ADVISORY POSITIONS..... | 3 |
| GOVERNMENT COMMITTEES..... | 4 |
| GOVERNMENT TESTIMONY AND BRIEFINGS | 4 |
| REVIEW PANELS | 5 |
| STANDARDS WORK | 5 |
| EDITORIAL BOARDS | 5 |
| CONFERENCE & WORKSHOP LEADERSHIP | 5 |
| PROFESSIONAL SOCIETIES (CURRENT AND PAST MEMBERSHIP) | 6 |
| HONORS & AWARDS..... | 6 |
| MEDIA INTERVIEWS | 7 |
| INVITED LECTURES AND ADDRESSES..... | 7 |
| PUBLICATIONS..... | 13 |

PROFILE

Dr. Andrew Maynard is Chief Science Advisor to the Project on Emerging Nanotechnologies, and Science Advisor to the Synthetic Biology Project at the Woodrow Wilson International Center for Scholars. An internationally recognized researcher, science policy advisor and communicator, Dr. Maynard is responsible for exploring, crafting and implementing effective approaches to developing new emerging technologies safely.

Dr. Maynard has testified before the U.S. Congress on nanotechnology policy on numerous occasions, is a member of the World Economic Forum Global Agenda Council on the Challenges of Emerging Technologies, and has previously served on the Nanotechnology Technical Advisory Group of the U.S. President's Council of Advisors on Science and Technology (PCAST). He has been a member of panels convened by the National Academies of Science and The Council of Canadian Academies, and is an executive committee member of the International Council On Nanotechnology (ICON). Dr. Maynard was previously a member of the federal government Nanoscale Science, Engineering and Technology (NSET) subcommittee of the US National Science and Technology Council, and was co-chair of the Nanotechnology Health and Environment Implications (NEHI) working group of NSET.

Dr. Maynard has published over one hundred scientific papers, reports and articles. He frequently appears in print and on television and radio, and writes regularly for a broad audience on science and society at 2020science.org. He is on the editorial board of a number of scientific journals, and a member of the advisory board of Chemical & Engineering News. Dr. Maynard's research interests include aerosol dynamics, occupational health, emerging technologies, innovations in risk management, science policy and science engagement. In the past he has led research teams at the U.K. Health and Safety Executive and the U.S. National Institute for Occupational Safety and Health. He continues to collaborate with researchers, policy makers and others around the world.

Dr. Maynard is a graduate of the University of Birmingham in the UK, and has a Ph.D. in physics from the University of Cambridge, U.K.

EDUCATION

| | |
|---|-------------|
| University of Cambridge, U.K. Cavendish Laboratory, Microstructural Physics Department. Ph.D. (Aerosol Physics). <i>Thesis: Ultrafine aerosol particle collection and analysis</i> | 1989 – 1992 |
| University of Birmingham, U.K. Physics. B.Sc. (Hons): iiii | 1984 - 1987 |

EMPLOYMENT

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|--|-------------------|
| Woodrow Wilson International Center for Scholars Chief Science Advisor, Project on Emerging Nanotechnologies Science Advisor, Synthetic Biology Project | 8/15/05 - Present |
| National Institute for Occupational Safety and Health Team Leader – Aerosols Research Team (GS15). (2004 – 2005) Senior Service Fellow (GS14). (2000 – 2004) | 1/18/00 – 7/8/05 |
| Health and Safety Executive, U.K. Head, Exposure Control Section, Health and Safety Laboratory (1998 – 2000) Senior Scientific Officer (1994 – 1998) Higher Scientific Officer (1992 – 1994) | 9/21/92 – 1/17/00 |
| Severn Trent Water Ltd., U.K. Management Trainee. | 1/10/87 – 1/10/89 |

ACADEMIC POSITIONS

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|--|-------------|
| University of Aberdeen, U.K. Honorary Senior Lecturer Department of Environmental and Occupational Medicine | 2005 - 2008 |
| University of Cincinnati Associate Professor (volunteer) Environmental Health department | 2001 - 2007 |

LECTURE COURSES TAUGHT

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|---|-------------|
| Aerosol Dynamics University of Cincinnati, Department of Environmental Health | 2002 - 2004 |
|---|-------------|

PHD ADVISORY COMMITTEES

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|---|------|
| Sebastien Bau, INRS, France. Surface area measurement of nanoscale aerosols. | 2008 |
| Shu An Lee, University of Cincinnati. Laboratory and field evaluation of N95 respirators using a new method | 2004 |

EXECUTIVE & ADVISORY POSITIONS

| | |
|--|----------------|
| World Economic Forum Member of the World Economic Forum Global Agenda Council on the Challenges of Emerging Technologies | 2008 - Present |
| President's Council of Advisors on Science and Technology Member of the Nanotechnology Technical Advisory Group | 2006 - 2009 |
| Chemical & Engineering News Advisory Board member | 2008 - Present |
| Center for the Environmental Implications of Nanotechnology Chair, External Advisory Board | 2009 - Present |
| Nanoscale Informal Science Education Network Advisory board member | 2009 - Present |
| Organization for Economic Cooperation and Development Working Party on Manufactured Nanomaterials. Project on Emerging Nanotechnologies representative. | 2005 - 2007 |
| International Council On Nanotechnology (ICON) Executive Committee member | 2004 - Present |
| International Life Sciences Institute Member of the ILSI Health and Environmental Sciences Institute Nanomaterial Safety Subcommittee Project Steering Team. | 2004 - Present |
| Annals of Occupational Hygiene Advisory board member | 2006 - Present |

GOVERNMENT COMMITTEES**NSET**

2004 - 2005

NIOSH representative on the Nanomaterial Science, Engineering and Technology (NSET) subcommittee of the National Science and Technology Council (NSTC).

NEHI

2004 - 2005

Co-chair of the Nanotechnology Environmental and Health (NEHI) interagency working group.

GOVERNMENT TESTIMONY AND BRIEFINGS

Formal testimony and briefings include:

National Organics Standards Board Materials Committee

Comments on Proposed Recommendations for Nanotechnology in Organic Production and Processing *May 2009*.

U.K. House of Lords Select Committee on Science and Technology.

Written evidence to the Inquiry into the use of nanotechnology in the food sector. *March 2009*.

Food and Drug Administration.

Public meeting on FDA-regulated products that may contain nanoscale materials. *September 8 2008*.

U.S. House of Representatives Committee on Science and Technology.

Hearing on The National Nanotechnology Initiative Amendments Act of 2008. Invited testimony. *April 16 2008*.

U.S. House of Representatives Committee on Science and Technology, Subcommittee on Research and Science Education.

Hearing on Research on Environmental and Safety Impacts of Nanotechnology: Current Status of Planning and Implementation under the National nanotechnology Initiative. Invited testimony. *October 31 2007*.

U.S. House of Representatives Committee on Science.

Hearing on Research on Environmental and Safety Impacts of Nanotechnology: What Are the Federal Agencies Doing? Invited testimony. *September 21 2006*.

President's Council on Science and Technology (PCAST)

Public Meeting on Nanotechnology. Invited briefing. *June 25 2007*.

President's Council on Bioethics.

Nanotechnology. Invited briefing. *June 29 2007*.

Nanoscale Science, Engineering and Technology Subcommittee, National Science and Technology Council, Committee on Technology;

Research Needs and Priorities Related to the Environmental, Health, and Safety Aspects of Engineered Nanoscale Materials: Public Meeting. Submitted testimony. *January 4 2007*.

Food and Drug Administration (FDA)

Consideration of FDA-Regulated Products That May Contain Nanoscale Materials; Public Meeting. Submitted testimony. *September 9 2008*.

European Food Safety Authority

Written comments on nanomaterials and nanotechnology and food and feeds. *March 2008*.

Congressional Nanotechnology Caucus.

General Briefing on Nanotechnology. Chair. *March 3 2007*.

Congressional Nanotechnology Caucus.

Meeting on Nanotechnology and Environment, Health and Safety. Invited briefing. *November 19 2007*

REVIEW PANELS

- National Academies of Science** 2008
National Academies of Science review panel for the National Nanotechnology Initiative Strategy for Nanotechnology Environmental Health and Safety Research.
- Environmental Protection Agency** 2008
Chair, External Peer Review of the U.S. Environmental Protection Agency Draft Nanomaterial Research Strategy
- Council of Canadian Academies** 2007 - 2007
Expert Panel on Nanotechnology Assessment
- Environmental Protection Agency** 2008
Panel member, Public Meeting on Risk Management Practices for the U.S. Nanoscale Materials Stewardship Program

STANDARDS WORK

- International Standards Organization** 2001 - 2005
Convener of the International Standards Organization working group TC146/SC2/WG1: Size-selective aerosol sampling and analysis.

EDITORIAL BOARDS

- Nano Today** 2006 - Present
Member of the editorial board
- Journal of Nanoparticle Research** 2006 - Present
Member of the editorial board
- Nanotoxicology** 2006 - Present
Member of the editorial board

Reviewer for many peer-reviewed journals, including Nature, Nature Nanotechnology, the Journal of Aerosol Science, Aerosol Science and Technology, the Annals of Occupational Hygiene, Journal of the Air and Water Management Association, the Journal of Nanoparticle Research, Environmental Science and Technology, Nanotoxicology, and the Applied Occupational and Environmental Hygiene Journal.

CONFERENCE & WORKSHOP LEADERSHIP

- Fourth International Symposium on Nanotechnology and Occupational Health
Helsinki (2009). Advisor, and member of the International Advisory Board
- Third International Symposium on Nanotechnology and Occupational Health
Taiwan (2007). Co-chair
- Second International Symposium on Nanotechnology and Occupational Health
Minneapolis, USA (2005). Co-chair
- Materials Research Society
Symposium: Nanomaterials and the Environment (2005). Co-chair
- First International Symposium: Nanotoxicology: Biomedical Aspects
Miami (2005). Organizing committee

Developing Experimental Approaches for Evaluation of Toxicological Interactions of Nanoscale Materials

Gainesville Florida (2004) Steering Committee member

First International Symposium on Nanotechnology and Occupational Health

Buxton, UK (2004). Co-chair

Emerging Issues in Nanoaerosol Science and Technology

Workshop sponsored by the National Science Foundation and the Environmental Protection Agency (2003).

Panel Member

Royal Society (London)

“Ultrafine Particles in the Atmosphere” (London, 2000). Co-chair

PROFESSIONAL SOCIETIES (CURRENT AND PAST MEMBERSHIP)

The American Association for the Advancement of Science

The Institute of Physics

The American Association for Aerosol Research

Chair, Working Group on Aerosols and Health, 2004.

The Aerosol Society, UK.

General Secretary, 1998 – 2000.

Committee member, 1995 – 1998.

Editor of Society newsletter, 1997 – 2002

HONORS & AWARDS

| | |
|---|------|
| NIOSH Alice Hamilton Award (Biological Sciences) | 2009 |
| NIOSH Alice Hamilton Award (Biological Sciences) | 2006 |
| CDC/ATSD Shepard Award Nominee | 2006 |
| NIOSH Alice Hamilton Award: Honorable Mention (Engineering and Physical Sciences) | 2005 |
| NIOSH Alice Hamilton Award: Honorable Mention (Engineering and Physical Sciences) | 2004 |
| CDC/ATSD Shepard Award Nominee | 2004 |
| NIOSH Alice Hamilton Award: Honorable Mention (Engineering and Physical Sciences) | 2003 |
| CDC/ATSD Shepard Award Nominee | 2003 |

MEDIA INTERVIEWS

Ten examples drawn from many interviews, quotes and appearances

TELEVISION

Power of Small: Nanotechnology. A series of three Fred Friendly Seminars, airing on PBS stations, 2008. Panelist in the second program of the series: *Clean, Green and Unseen*.

(<http://powerofsmall.org/topicpages/environment.php>, accessed 9/7/08).

ABC7 News San Francisco, July 8 2008. Expert on news article: *Nanotechnology could pose health risks*.

(<http://abclocal.go.com/kgo/story?section=news/health&id=6253313>, accessed 9/7/08).

Science Central News, June 25 2008. Expert on news article: *Nano Hazards?*

(http://www.sciencentral.com/articles/view.php3?type=article&article_id=218393122, accessed 9/7/08).

RADIO

Science Friday, National Public Radio, May 23 2008. Guest on program: *Nanotube Safety*.

(<http://www.sciencefriday.com/program/archives/200805236>, accessed 9/7/08).

Living On Earth, June 27 2008. Lead interview on segment: *Small Technology, Big Questions*.

(<http://www.loe.org/shows/segments.htm?programID=08-P13-00026&segmentID=5>, accessed 9/7/08).

Marketplace, American Public Media, July 26, 2007. Expert on news item: *Nanoparticles in the Regulatory Spotlight*.

(http://marketplace.publicradio.org/display/web/2007/07/26/nanoparticles_in_regulatory_spotlight/, accessed 9/7/08).

Morning Edition, National Public Radio, March 13 2006. Lead interview on news item: *Safety of Nano-Cosmetics Questioned*.

(<http://www.npr.org/templates/story/story.php?storyId=5257306>, accessed 9/7/08).

PRINT

New York Times, August 12 2008, Page C-1. *Handle with care*. Cornelia Dean.

The Economist, Nov 22 2007. *A little risky business*.

Washington Post, April 8 2006, Page A-01. *Nanotech raises worker safety questions*. Rick Weiss.

INVITED LECTURES AND ADDRESSES

Since 2000

1. Royal Society. "Overview of methods for analyzing single ultrafine particles." 3/15/00
2. University of Cincinnati. "Perspectives on a 'small' problem." 5/7/02
3. University of Mysore, India. "Measuring exposure to nanoparticles." 8/21/02
4. Center for Filtration Research. "Ultrafine aerosol characterization. An overview of current research within the Division of Applied Research and Technology (DART)." 10/28/03
5. Nanotechnology Science Engineering and Technology subcommittee. "Ultrafine particles. Status of Practices, Standards and R&D within the National Institute for Occupational Safety and Health (NIOSH)" 8/3/03
6. Oak Ridge National Laboratory. "When size becomes important. Exploring physicochemical aspects of nanoparticles in the context of potential health risks."
7. 12/16/03
8. Scandinavian Electron Microscopy Conference. "From Nuisance dusts to Nanoparticles. The Role of Electron Microscopy in Occupational and Environmental Health." 6/13/03
9. American Industrial Hygiene Association. "Perspectives on a 'small' problem. Assessing exposure to ultrafine particles" 1/13/04
10. ORC. "Perspectives on a 'small' problem. Nanotechnology and Occupational Health." 2/3/04
11. American Chemistry Society. "Nanotechnology and Occupational Health National Institute for Occupational Safety and Health (NIOSH)" 3/28/04

12. California Department of health Services". Perspectives on a 'small' problem. Nanotechnology and Occupational Health." 3/25/04
13. University of Minnesota. "Altered perspectives: Nanotechnology and Occupational Health." 5/5/04
14. ORC. "Perspectives on a 'small' problem. Nanotechnology and Occupational Health." 5/12/04
15. Woodrow Wilson International Center for Scholars. "Nanotechnology: The new technological revolution. Ensuring a safe and healthful workforce in a changing environment." 5/18/04
16. Institute of Occupational Medicine. "Nanotechnology
17. Strategies to ensure Occupational Health." 5/27/04
18. Proctor & Gamble "Nanotechnology: The new technological revolution. Physical characterization and monitoring of airborne nanoparticles." 6/27/04
19. MATFORUM, Germany. "Nanomaterials and Occupational Health. Establishing a Healthy Working Environment." 9/20/04
20. Professional Conference on Industrial Hygiene. "Perspectives on a 'small' problem. Nanotechnology and Occupational Health." 10/2/04
21. NANO 2004. "Nanotechnology and Health Impact. Challenges and Opportunities." 10/5/04
22. OSHA. "Nanotechnology: Challenges and opportunities." 10/8/04
23. NIOSH Board of Scientific Councilors. "The NIOSH Nanotechnology Initiative. Ensuring a safe and healthful workforce in a changing environment." 10/21/04
24. American Chemistry Council. Nanotechnology and Occupational Health. "Ensuring a safe and healthful workforce in a changing environment." 10/24/04
25. National Nanotechnology Infrastructure Network. "Working with engineered
26. Nanomaterials. Towards developing responsible work practices in an uncertain world." 12/2/04
27. National Occupational Research Agenda. "Nanotechnology at NIOSH. Ensuring a safe and healthful workforce in a changing environment." 12/2/04
28. Semiconductor Research Consortium. "Working with engineered nanomaterials. Towards developing safe work practices." 12/14/04
29. Health and Environmental Sciences Institute. "Evaluating and controlling nanomaterial exposure in the workplace." 1/16/05
30. American Association for the Advancement of Science. "Nanoaerosol exposure. Generating and characterizing airborne nanoparticles." 2/20/05
31. University of Cincinnati. "Understanding the potential impact of nanotechnology on occupational health." 2/23/05
32. Society of Toxicology. "Characterizing exposures to nanomaterials." 3/8/05
33. World Environment Center. "Nanomaterials and occupational health. Establishing a healthy work environment." 3/11/05
34. American Institute of Chemical Engineers. "Working with engineered nanomaterials: Towards developing safe work practices." 4/12/05
35. Toxicology and Risk Assessment Conference. "Nanotechnology and occupational health." 4/27/05
36. University of Cincinnati. "Working with engineered nanomaterials: Towards developing safe work practices." 5/5/05
37. Korean Occupational Safety and Health Agency, Daejeon, South Korea. "Working with engineered nanomaterials: Towards developing safe work practices." 5/11/05
38. Korean Society of Toxicology. "Nanotechnology and occupational health – addressing potential health risks." 5/13/05
39. AIHCE. "Nanotechnology: Overview and relevance to occupational health." 5/24/05
40. AIHCE. "Working at the nanoscale: nanotechnology and potential health risk." 5/24/05
41. EPA. "Nanotechnology and Occupational Health." 6/13/05

42. International Conference on Materials for Advanced Technologies, Singapore. "Addressing the Potential Environmental and Human Health Impact of Engineered Nanomaterials." 7/4/05
43. Royal Society. "Project on Emerging Nanotechnologies." 7/11/09
44. American Industrial Hygiene Association "Nanotechnology: Overview and Relevance to Occupational Health. 09/14/05
45. National Academies of Science, Chemical Sciences Round Table. "Nanotechnology: Opportunities and Challenges in a Changing World." 09/21/05
46. 2nd International Symposium on Nanotechnology and Occupational Health. Opening remarks. 10/3/05
47. 2nd International Symposium on Nanotechnology and Occupational Health. "Woodrow Wilson Center Project on Emerging Nanotechnologies" 10/6/05
48. NASA. "Nanotechnology: Overview and relevance to Occupational Health" 10/21/05
49. EPA Grantees Meeting. "Nanotechnology and Human Health Impact." 10/27/05
50. Society Of Toxicology. "Engineered Nanomaterials and Occupational Health" 11/2/05
51. European Center for Ecotoxicology and Toxicology of Chemicals (ECETOC). "Engineered Nanomaterials: Measurement in the Occupational Setting" 11/7/05
52. Association of Inhalation Toxicologists. "Characterizing Exposure to Airborne nanoscale Particles" 11/10/05
53. BNA Audioconference "The EHS Implications of Nanotechnology: What They Are and What You Need to Know." 11/17/05
54. Project on Emerging Nanotechnologies. "Inventory of Research on the Environmental Health and Safety Implications of Nanotechnology" 11/29/05
55. Australian Institute for Occupational Hygiene. "Engineered Nanomaterials and Occupational Health" 12/4/05
56. Australian Institute for Occupational Hygiene. "Working at the Nanoscale Nanotechnology and Potential Occupational Health Risk." 12/7/05
57. Asia Nanotechnology Forum. "Assessing the environmental safety and human health risk of emerging nanotechnologies" 12/9/05
58. Academia Sinica, Taiwan. "Nanotechnology: Environment, Safety and Health." 01/04/06
59. Institute of Occupational Safety and Health (IOSH), Taiwan. "Working at the Nanoscale. Nanotechnology and Potential Occupational Health Risk" 01/05/06
60. ITRI, Taiwan. "Working at the Nanoscale. Nanotechnology and Potential Occupational Health Risk" 01/06/06
61. ORC working group on nanotechnology. "Recent activities: Nanotechnology and potential risk" 01/19/06
62. Meeting: "Exploring the small world: The role of public research institutes" Tokyo, Japan. "Nanotechnology and Human Health Impact. Assessing Potential Risk" 02/01/06
63. Science Media Center, Royal Institution, London. "Nanotechnology, risk and the need for strategic research." 02/06/06
64. CHE National Partnership. "Nanotechnology and potential risk" 02/28/06
65. Joint EFCOG/DOE Chemical Management Workshop. "Nanotechnology: The current state of affairs." 03/14/06
66. Robert and Floretta Austin Distinguished Lecture in Science. University of Idaho, Moscow. "Nanotechnology: The next big thing, or much ado about nothing?" 04/17/06
67. Warner Lecture, British Occupational Hygiene Society. "Nanotechnology: The next big thing, or much ado about nothing?" 04/25/06
68. Institute of Occupational Medicine. "Nanotechnology and occupational health. Challenges and opportunities." 04/27/06
69. University of Aberdeen. "Nanotechnology, health and the environment. A new challenge for a new era?" 05/02/06
70. Science Media Centre, Royal Institution, London. "Nanotechnology on high street." 05/04/06

71. Nanoscience Centre, University of Cambridge, UK. "Nanotechnology and potential risk. Challenges to measuring exposure to engineered nanomaterials." 05/05/07
72. American Forest and Paper Association. "Perspectives on nanotechnology. Risk and risk management." 05/10/06
73. The Annual Nanobusiness Alliance conference. Mock NEPA hearing. 05/18/06
74. American Thoracic Society. "Nanotechnology and human health. A new challenge for a new era?" 05/22/06
75. The Conference Board. "Nanotechnology. An introduction to the technology, and its EH&S implications." 06/08/06
76. Dutch Society of Toxicology. "Exposure to nanoparticles. New challenges to understanding and evaluating potential health impacts." 06/14/06
77. International Symposium on Nanotechnology in Environmental Protection and Pollution, Hong Kong. "Nanotechnology and potential health impact. Developing a framework for strategic research." 06/19/06
78. Graduate Seminar, Hong Kong University of Science and Technology. "Nanotechnology: Health, safety and the environment. New challenges for a new era?" 06/23/06
79. ASME 4th Nano Training Boot Camp. "Nanotechnology: Is it a risk to human health?" 07/13/06
80. University of Maryland. "Nanotechnology: Health, safety and the environment. New challenges for a new era?" 07/14/06
81. Woodrow Wilson International center for Scholars. "Nanotechnology: A research strategy for addressing risk." 07/19/06
82. IOM, Edinburgh UK. "Global challenges in the pursuit of responsible nanotechnologies." 7/26/06
83. Student Pugwash USA. "Nanotechnology science policy." 8/4/06
84. Lux Research. "Nanotechnology risk in the workplace." 8/8/06
85. NATO ARW, Bulgaria. "Nanotechnology: Overview and issues." 8/13/06
86. Cosmetics, Toiletries and Fragrance Association (CTFA). "Nanotechnology and human health" 9/15/06
87. Genesee Valley Safety Conference Professional Development Course. "Nanotechnology and nanoparticles: What are they? What good are they?" 9/20/06
88. Technology Review Emerging Technologies Conference. "Ensuring the safety of engineered nanomaterials: Five Major Challenges." 9/27/06
89. Nanotechnology Life Cycle Assessment workshop. "Nanotechnology: The basics, and the products" 10/2/06
90. ORC International Executive Business Issues Forum. "Nanotechnology. Addressing potential risks." 10/11/06
91. Nano4Food Conference. "Nanotechnology and toxicology. Are there reasons to be concerned about food and nanotechnology together?" 10/12/06
92. University of Virginia. Invited comments on the Opening ceremony for Wilsdorf Hall. 11/10/06
93. American Institute of Physics Industrial Forum. "Nanotechnology oversight. Protecting health and the environment in an uncertain world." 11/14/06
94. Woodrow Wilson International Center for Scholars. "Safe handling of nanotechnology." 11/16/06
95. American Society of Safety Engineers. "Risks of nanotechnology. How do we prepare for potentially adverse biological impact?" 11/17/06
96. Nanotechnology Occupational Environmental Health and Safety Conference. "Sound science for safe nanotechnology." 12/6/06
97. Health and Environmental Funders Network. Briefing. 12/15/06
98. ICON. "Assessing the risks of engineered nanomaterials. Setting the scene." 1/9/07
99. University of Minnesota. "Nanotechnology in context." 1/18/07
100. NGO consortium on nanotechnology." Safe handling of nanotechnology." 1/26/07
101. Rabobank North American Agribusiness Advisory Board. "Nanotechnology. Why should you care?" 1/30/07
102. Senior Management at the Hong Kong Department of Labor. "Nanotechnology benefits and challenges." 2/8/07

103. Hong Kong Labor Department. "Nanotechnology and Occupational Health Part I. 2/9/07
104. Hong Kong Labor Department. "Nanotechnology and Occupational Health Part II." 2/9/07
105. Chemistry Innovations (UK). "Smart Science: Addressing the impacts of nanotechnologies." 2/21/07
106. Woodrow Wilson International Center for Scholars. "Nanotechnology in developing countries." 2/27/07
107. International Consumer Products Health and Safety Association. "Nanotechnology. Maximizing the benefits. Minimizing the risks." 3/2/07
108. CalEPA. "Nanotechnology. Maximizing the benefits. Minimizing the risks." 3/8/07
109. ACC Nanotechnology Panel. Briefing. 3/14/07
110. Ohio State University. "Smart Science: The challenges and benefits of getting nanotech right. Part 1 – the science perspective." 3/16/07
111. Ohio State University. "Smart Science: The challenges and benefits of getting nanotech right. Part II – the social perspective." 3/16/07
112. Society of Toxicology. "Challenges of monitoring exposure to carbon nanotubes" 3/26/07
113. Johns Hopkins University. "The science of nanotechnology and public health" 4/10/07
114. Health Effects Institute annual conference. "Nanoparticles from manufacturing." 4/16/07
115. Nanotoxicology conference, Venice. "Nanotechnology. Science, society and policy." 4/19/07
116. New York Academy of Sciences. "Nanotechnology. Science, society and policy." 5/14/07
117. Midwest nanotechnology safety workshop. "Smart Science. The challenges and benefits of getting nanotech right in the laboratory." 5/21/07
118. Citizens coalition on nanotechnology. Nano-pub. 5/21/07
119. American Industrial Hygiene Conference and Exposition. "Safe Nanotechnology. Getting it right first time round." 6/2/07
120. Resources for the Future. "A Nanotechnology Primer." 6/6/07
121. Woodrow Wilson International Center for Scholars. "The Twinkie Guide to Nanotechnology." 6/6/07
122. International conference on nanotechnology for the forest products industry. "Delivering safe nanotechnology through science." 6/6/07
123. Woodrow Wilson International center for Scholars. Launch of Environmental Defense/DuPont NanoSafe Framework 6/21/07
124. Chemistry Innovations web-seminar. "Smart Science: Addressing the impacts of nanotechnologies." 7/25/07
125. 3rd International Symposium on Nanotechnology, Occupational and Environmental Health. "Safe Nanotechnology. Where are we now, and where are we going?" 8/29/07
126. HBA Global Expo. "The Quest For Safe Nanotechnology Science, Public Perception And Oversight Policy." 9/19/07
127. International Society for Exposure assessment. "Small Particles Big Challenges Assessing exposure to airborne nanoparticles." 10/15/07
128. American Industrial Hygiene Association Toxicology Symposium. "Nanotechnology Opportunities and Challenges." 10/18/07
129. Michigan Risk Science Center Bernstein Symposium. "Developing Societally Acceptable Nanotechnologies." 10/25/07
130. Genetics and Environmental Mutagenesis Society. "Nanotechnology The Next Big Thing, or Much Ado about Nothing?" 10/29/07
131. Alberta Health and Safety Conference. "Nanotechnology The Next Big Thing, or Much Ado about Nothing?" 11/5/07
132. Nanotechnology Informal Science Education Network Annual Meeting. "Please Don't Shout! We're not deaf - we're just not interested." 11/7/07
133. Nanotechnology Risk Management Workshop. "The Science of Nanosafety" 11/15/07
134. European NanOSH conference. "Future Challenges. Emerging Global Safety Issues of Nanotechnologies." 12/3/07

135. Debate on Governance Initiatives for the European Nanotechnology Community in the Public and Private Sectors. Brussels Belgium. "The US Perspective on Nanotechnology Codes of Conduct." 12/5/07
136. Canadian Workshop on Multidisciplinary Research on Nanotechnology: Gaps, Opportunities and Priorities. Edmonton, Canada. "Nano-risk or Nano-myth? A Science perspective on safe nanotechnology." 1/22/08
137. University of Alberta. "Managing the Small Stuff: Ensuring the Success of Safe Nanotechnologies" 1/23/08
138. NANOCAP Working Conference. "Challenges to developing safe nanotechnologies." 2/7/08
139. Consumer Trends Forum International. "Nano Consumers! Getting nanotechnology right first time round." 2/22/08
140. International Conference on Nanoscience and Nanotechnology, Australia. "Are we driving blind into a nanotechnology future?" 2/28/08
141. Australian Science Media Center. "Nanotechnology 'On the Radar'" 2/28/07
142. Australian Office of Nanotechnology public forum. "An introduction to nanotechnology." 2/28/08
143. Australian National Measurements Institute. "Measurement: The hidden challenge to ensuring safe nanotechnologies." 3/3/08
144. Wilmington science club. "Nanotechnology. The Next Big Thing, or Much Ado about Nothing?" 3/24/08
145. Science Museum of Virginia. "The TWINKIE Guide to Nanotechnology." 4/2/08
146. Launch of Power of Small: Nanotechnology. Public comments. 4/2/08
147. AIHCE. "Nanotechnologies and Nanoparticles Industrial Hygiene and Policy Implications." 4/15/08
148. Institute of Medicine. "Science at FDA: Challenges and Opportunities." 4/21/08
149. John Hopkins University. "But is it safe...? The challenges of getting nanotech right first time round." 5/2/08
150. Swedish Academies of Science. "Smart Science. Challenges and opportunities in the race to develop safe nanotechnologies." 5/12/08
151. Gothenburg University, Gothenburg, Sweden. "Managing the Small Stuff. Ensuring the success of safe nanotechnologies." 5/13/08
152. Science Media Center, UK: Toxicity of carbon nanotubes. 5/20/08
153. NCEH-ATSDR/CDC. "Nanotechnology. The Next Big Thing, or Much Ado About Nothing?" 6/4/08
154. Society for Risk Assessment. "Towards "Safe" Nanotechnologies. Where do we want to be; how will we get there?" 6/10/08
155. European Aerosol Conference. "Developing Responsible Nanotechnologies. An Aerosol Perspective." 8/28/08
156. Society for Risk Analysis. Informing the Management of Emerging Nanoscale Materials. 9/10/08
157. National Academies of Science. Briefing on synthetic biology. 9/12/08
158. Nano4All meeting, Utrecht, Netherlands. "A Bluffers' Guide to Nano Risk." 10/15/08
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167. International Joint Commission. "Nanotechnology in perspective. New technologies, new challenges?" 3/30/09

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