

Committee on Energy and Commerce
U.S. House of Representatives
 Witness Disclosure Requirement - "Truth in Testimony"
 Required by House Rule XI, Clause 2(g)

1. Your Name: <i>Richard A. Denison</i>		
2. Are you testifying on behalf of the Federal, or a State or local government entity?	Yes	No <input checked="" type="checkbox"/>
3. Are you testifying on behalf of an entity that is not a government entity?	Yes <input checked="" type="checkbox"/>	No
4. Other than yourself, please list which entity or entities you are representing: <i>Environmental Defense Fund</i>		
5. Please list any Federal grants or contracts (including subgrants or subcontracts) that you or the entity you represent have received on or after October 1, 2011: <i>See attached list</i>		
6. If your answer to the question in item 3 in this form is "yes," please describe your position or representational capacity with the entity or entities you are representing: <i>Senior Scientist, Environmental Health Program</i>		
7. If your answer to the question in item 3 is "yes," do any of the entities disclosed in item 4 have parent organizations, subsidiaries, or partnerships that you are not representing in your testimony?	Yes	No <input checked="" type="checkbox"/>
8. If the answer to the question in item 3 is "yes," please list any Federal grants or contracts (including subgrants or subcontracts) that were received by the entities listed under the question in item 4 on or after October 1, 2011, that exceed 10 percent of the revenue of the entities in the year received, including the source and amount of each grant or contract to be listed: <i>None</i>		
9. Please attach your curriculum vitae to your completed disclosure form.		

Signature: _____



Date: _____

11-11-13

Environmental Defense Fund

Schedule of Federal Grants Awarded from October 1, 2011 to November 8, 2013
(Includes Federal Receipts for the same time period)

NOTE: For EDF's current fiscal year (10/1/2013-9/30/2014), there are no new grants or federal receipts

Agency	Two Prior Fiscal Years		Awarded prior to October 1, 2011
	Federal Awards 10/1/2011 - 09/30/2013	Federal Receipts 10/1/2011 - 09/30/2013	
Department of Agriculture:			
Cooperative Forestry Assistance	10.664	171,475	Awarded prior to October 1, 2011
Soil and Water Conservation	10.902	133,000	Includes receipts from Grants prior to October 1, 2011
Environmental Quality Incentives Program	10.912	311,966	Includes receipts from Grants prior to October 1, 2011
Total Department of Agriculture		444,966	
Department of the Interior:			
Cooperative Endangered Species Conservation Fund	15.615	25,000	
Partners for Fish and Wildlife	15.631	16,723	Awarded prior to October 1, 2011
National Fish and Wildlife Foundation	15.663	75,000	
Total Department of the Interior		100,000	
National Aeronautics and Space Administration:			
Science	43.001	28,517	
Environmental Protection Agency:			
Surveys, Studies, Research, Investigations, Demonstrations Relating to the Clean Air Act	66.034	289,072	Awarded prior to October 1, 2011
Climate Showcase Communities	66.041	12,500	Awarded prior to October 1, 2011
Total Environmental Protection Agency		301,572	
USAID			
USAID Foreign Assistant for Programs Overseas	98.001	50,000	
GRAND TOTAL		\$623,483	\$2,732,640

RICHARD ALLAN DENISON

Title and Address: Senior Scientist
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Date of Birth: 24 April 1953

EDUCATION

1976-1982 Ph.D. Yale University, Molecular Biophysics and Biochemistry
1974-1976 B.A. University of California at Santa Cruz, Chemistry
1971-1974 University of California at Los Angeles, English, Biology

CURRENT POSITION

1987-present Senior Scientist, Environmental Defense Fund

MAJOR CURRENT AND RECENT PROJECTS

Chemicals Policy and Scientific Analysis: Analyze and assist in the development of chemicals policies and supporting science at the state, national and international levels. Widely regarded as a leading expert on the Toxic Substances Control Act (TSCA) and the European Union's REACH Regulation. Develop legislative proposals and information in support of reform of the Act. Author of an in-depth report comparing U.S., Canadian and European Union policies toward industrial chemicals that identifies "best practices" for chemicals policy reform, and papers addressing chemicals policy reform needs at the state and federal levels. Testified in 2009 and 2010 before the House Committee on Energy and Commerce, and in 2011 before the Senate Committee on Environment and Public Works, on the need for reform of the Toxic Substances Control Act.

Serve on the National Academy of Sciences' Standing Committee on Emerging Science for Environmental Health Decisions. Recently served on the National Academy of Sciences' Board on Environmental Studies and Toxicology and on the Green Ribbon Science Panel of California's Green Chemistry Initiative convened to provide advice to the State's health and environmental agencies on chemicals policies. Served on the U.S. Environmental Protection Agency's National Pollution Prevention & Toxics Advisory Committee's (NPPTAC).

Oversight of the U.S. EPA Chemicals Assessment and Management Programs: Manage all aspects of EDF's contributions to and oversight of EPA's chemicals assessment and management activities. These include ORD's IRIS and ToxCast programs and OPPT's enhanced chemicals management program, chemical information disclosure initiatives and nanomaterial reporting and testing proposals. Previously oversaw OPPT's *HPV Challenge*, its voluntary chemical hazard testing program, which EDF helped to create, and *ChAMP* (Chemical Assessment and Management Program). Developed a comprehensive critique of these past programs and their limitations, based on our reviews of test plans and data summaries submitted under the Challenge and EPA's assessments develop under ChAMP.

Identifying and Managing Nanotechnology Risks: Involved in technical, legal and policy aspects of efforts to promote responsible development of nanotechnology. Served on the National Research Council's "Committee to Develop a Research Strategy for Environmental, Health and Safety Aspects of Engineered Nanomaterials." Served on the Organization for Economic Cooperation and Development's (OECD) Working Party on Manufactured Nanomaterials. Peer reviewer of USEPA's Nanotechnology White Paper and Nanomaterial Research Strategy and the National Academy's review of the federal government's risk research strategy. Testified twice before the House Committee on Science and Technology on research and oversight needs for nanotechnology. Served on the NPPTAC Ad Hoc Interim Workgroup on Nanotechnology. Served as a technical expert in the development with DuPont Corporation of our joint Nano Risk Framework, which delineates a proactive, information-driven approach to addressing the potential risks of nanomaterials across their lifecycles.

International Chemicals Work: Participated for Environmental Defense Fund in the activities of the Chemicals Committee and the Existing Chemicals Task Force under the Organization for Economic Cooperation and Development (OECD) HPV SIDS Program. Analyzed impacts of the European Union's REACH Regulation and Canada's Chemicals Management Plan on U.S. policies, businesses and chemicals.

PRIOR RESEARCH AND PROFESSIONAL POSITIONS

1985-1987 Analyst, Oceans and Environment Program, Office of Technology Assessment, U.S. Congress: principal author of OTA assessment on Ocean Incineration; assistant director for OTA assessment of Wastes in Marine Environments

1984-1985 Congressional Fellow, Office of Technology Assessment

1982-1984 Postdoctoral Fellow, Microbiology and Immunology Department, University of California at San Francisco, Advisor: J. Michael Bishop

1976-1980 National Institutes of Health Predoctoral Trainee, Molecular Biophysics and Biochemistry Department, Yale University

CURRENT AND RECENT PROFESSIONAL APPOINTMENTS

2011-present Member, National Academy of Sciences' Standing Committee on Use of Emerging Science for Environmental Health Decisions

2009-2013 Member, National Academy of Sciences' Committee to Develop a Research Strategy for Environmental, Health and Safety Aspects of Engineered Nanomaterials

Member, Green Ribbon Science Panel, Department of Toxic Substances Control, State of California

2009-2012 Member, National Academy of Sciences' Board on Environmental Studies and Toxicology

2008 Peer Reviewer, National Research Council's Review of the Federal Strategy for Nanotechnology-Related Environmental Health and Safety Research

2007-2008 Peer Reviewer, U.S. EPA's Nanotechnology White Paper and Nanomaterial Research Strategy

2007-2008 Member, Green Chemistry Science Advisory Panel, Department of Toxic Substances Control, State of California

- 2002-2008 Environmental NGO representative to the Existing Chemicals Task Force and the Working Party on Manufactured Nanomaterials, Organization for Economic Cooperation and Development (OECD); member of Steering Committees for Workshops and Policy Dialogues on Chemical Categories, Exposure Assessment, Integrated Chemicals Assessment Approaches, and Health and Safety Implications of Nanotechnology
- 2004-2006 National Pollution Prevention and Toxics Advisory Committee, Environmental Protection Agency's Office of Pollution Prevention and Toxics

PROFESSIONAL ORGANIZATIONS

- 2002-Present Member, American Chemical Society

RECENT PUBLICATIONS AND TESTIMONY

Denison, R.A. (2012) "TSCA Reform: Information Confidentiality, Availability, and Sharing," *Environmental Law Reporter*, 42 ELR 10405 (Environmental Law Institute, Washington, D.C.).

Denison, R.A. (2011) "TSCA Reform: The Current Safety Standard," *Environmental Law Reporter*, 41 ELR 11081 (Environmental Law Institute, Washington, D.C.).

Denison, R.A. (2011) Testimony before the U.S. Senate Committee on Environment and Public Works, at a legislative hearing on S. 847, the Safe Chemicals Act of 2011, held 17 November 2011, Washington DC.

Denison, R.A. (2010) Testimony before the U.S. House of Representatives Committee on Energy and Commerce, Subcommittee on Commerce, Trade, and Consumer Protection, at a hearing on H.R. 5820, the Toxic Chemicals Safety Act of 2010, held 29 July 2010, Washington DC.

Denison, R.A. (2009) "Comment on *Using Competition-Based Regulation to Bridge the Toxics Data Gap*," *Environmental Law and Policy Annual Review*, 39 ELR 10709 (Environmental Law Institute, Washington, D.C.).

Denison, R.A. (2009) Testimony before the U.S. House of Representatives Committee on Energy and Commerce, Subcommittee on Commerce, Trade, and Consumer Protection, at a hearing on Revisiting the Toxic Substances Control Act of 1976, held 26 February 2009, Washington DC.

Denison, R.A. (2009) "Ten Essential Elements in TSCA Reform," *Environmental Law Reporter*, 39(1), 39 ELR 10020 (Environmental Law Institute, Washington, D.C.).

Denison, R.A. (2008) *Across the Pond: Assessing REACH's First Big Impact on U.S. Companies and Chemicals*, Environmental Defense Fund, Washington, DC.

Denison, R.A. (2008) "Policy Options for Generating Information for Sound Chemicals Management," in *Options for State Chemicals Policy Reform: A Resource Guide*, Lowell Center for Sustainable Production, University of Massachusetts at Lowell, January 2008, pp. 35-68.

Walsh, S., Balbus, J.M., Denison, R., and Florini, K., “Nanotechnology: Getting it right the first time,” *J. Cleaner Production*, 16 (2008): 1018-1020.

Balbus, J. et al. “Meeting Report: Hazard Assessment for Nanoparticles—Report from an Interdisciplinary Workshop,” *Environ. Health Persp.* 115(11), November 2007: 1654-59.

Denison, R.A. (2007) Testimony before the U.S. House of Representatives Committee on Science and Technology at a hearing on Research on Environmental and Safety Impacts of Nanotechnology: Current Status of Planning and Implementation under the National Nanotechnology Initiative, held 31 October 2007, Washington, DC.

Denison, R.A. (2007) *High Hopes, Low Marks: A final report card on the High Production Volume Chemical Challenge*, Environmental Defense Fund, Washington, DC.

Denison, R.A. (2007) *Not That Innocent: A Comparative Analysis of Canadian, European Union and United States Policies on Industrial Chemicals*, Environmental Defense Fund, Washington, DC.

Environmental Defense Fund and DuPont Corporation, *Nano Risk Framework*, June 2007.

Guth, J.H., Denison, R.A., and Sass, J. (2007) “Require Comprehensive Safety Data for all Chemicals,” in *New Solutions: A Journal of Environmental and Occupational Health Policy* 17(3) 233-258.

Balbus, J., Florini, K., Denison, R., and Walsh, S. (2007) “Protecting Workers and the Environment: An Environmental NGO’s Perspective on Nanotechnology,” *J. Nanoparticle Res.* 9(1), January 2007: 11-22.

Florini, K., Walsh, S., Balbus, J.M. and Denison, R. (2006) “Nanotechnology: Getting It Right the First Time,” *Nanotechnology Law & Business* 3(1), February-March 2006: 39-53.

Balbus, J., Florini, K., Denison, R., and Walsh, S. (2006) “Getting It Right the First Time: Developing Nanotechnology While Protecting Workers, Public Health and the Environment,” *Ann. NY Acad. Sci.*, 1076, September 2006: 331-342.

Denison, R.A. (2005) “Getting Nanotech Right the First Time,” *The Environmental Forum*, July/August, The Environmental Law Institute, Washington, DC, p. 42.

Denison, R.A. (2005) Testimony before the U.S. House of Representatives Committee on Science and Technology at a hearing on Environmental and Safety Impacts of Nanotechnology: What Research is Needed?, held 17 November 2005, Washington, DC.

Balbus, J., Denison, R., Florini, K. and Walsh, S. (2005) “Getting Nanotech Right the First Time,” *Issues in Science and Technology*, Summer, National Academy of Sciences, Washington, DC, p. 65.

Denison, R.A. (2004) *Orphan Chemicals in the HPV Challenge: A Status Report*, Environmental Defense Fund, Washington, DC.

Denison, R.A. and Florini, K.F. (2003) *Facing the Challenge: A Status Report on the U.S. HPV Challenge Program*, Environmental Defense Fund, Washington, DC.