

LISA A. ROBINSON

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Education

M.P.P., Kennedy School of Government, Harvard University, 1982.
B.A., *magna cum laude* with Distinction, Political Science and International Relations,
Carleton College, 1979.

Professional Experience

2002-present – Independent Consultant
2012 – Mini-course Leader, Harvard Graduate Consortium on Energy and the Environment
2011 – Seminar Leader, Economics Department, Harvard University
2006-2007 – Research Manager, Harvard Center for Risk Analysis
2004-2005 – Principal Consultant, Institute of Medicine, Committee to Evaluate Measures of
Health Benefits for Environmental, Health, and Safety Regulation
1990-2002 – progressed from Associate to Principal, Industrial Economics, Incorporated
1988-1989 – Director of Policy, Planning, and Budget, Institute of Museum Services (independent
Federal agency)
1985-1988 – Budget Examiner, U.S. Office of Management and Budget
1982-1985 – Senior Program Analyst, Advanced Technology, Incorporated

Professional Service

2010-present – Council, Society for Risk Analysis
2010-present – Editorial Board, *Risk Analysis*
2009-present – Editorial Board, *Journal of Benefit-Cost Analysis*
2009-2011 – Executive Committee, Economics and Benefits Analysis Specialty Group, Society for Risk
Analysis (Chair, 2010)
2009-2011 – Special Editor, Series on Risk Regulation, *Risk Analysis*
2008-2011 – Board of Directors, Society for Benefit-Cost Analysis
2009 – Chair, *New Ideas for Risk Regulation* conference, Society for Risk Analysis and
Resources for the Future

Publications

Articles

Cropper, M., J.K. Hammitt, and L.A. Robinson. “Valuing Mortality Risk Reductions: Progress and
Challenges,” *Annual Review of Resource Economics* (G. Rausser, ed.), 3, 313-336, 2011.

Robinson, L.A. “Introduction to Part 2 of the Special Series on Risk Regulation,” *Risk Analysis*, 31(9),
1330-1333, 2011.

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- Robinson, L.A. and J.I. Levy. "The [R]Evolving Relationship Between Risk Assessment and Risk Management," *Risk Analysis*, 31(9), 1334-1344, 2011.
- Robinson, L.A. and J.K. Hammitt. "Behavioral Economics and Regulatory Analysis," *Risk Analysis*, 31(9), 1408-1422, 2011.
- Robinson, L.A. "Introduction to Part 1 of the Special Series on Risk Regulation," *Risk Analysis*, 31(6), 881-883, 2011.
- Robinson, L.A. and J.K. Hammitt. "Behavioral Economics and the Conduct of Benefit-Cost Analysis: Towards Principles and Standards," *Journal of Benefit-Cost Analysis*, 2(2), Art. 5, 2011.
- Hammitt, J.K. and L.A. Robinson. "The Income Elasticity of the Value per Statistical Life: Transferring Estimates Between High and Low Income Populations," *Journal of Benefit-Cost Analysis*, 2(1), Art. 1, 2011.
- Robinson, L.A., J.K. Hammitt, J.E. Aldy, A. Krupnick, and J. Baxter. "Valuing the Risk of Death from Terrorist Attacks," *Journal of Homeland Security and Emergency Management*, 7(1), Art. 14, 2010.
- Robinson, L.A. "Book Review: *Reforming Regulatory Impact Analysis*, edited by W. Harrington, L. Heinzerling, and R.D. Morgenstern," *Risk Analysis*, 29(10), 1489-1490, 2009.
- Robinson, L.A. "Valuing Lives, Valuing Risks, and Respecting Preferences in Regulatory Analysis," *Regulation & Governance*, 3(3), 298-305, 2009.
- Robinson, L.A. "How U.S. Government Agencies Value Mortality Risk Reductions," *Review of Environmental Economics and Policy*, 1(2), 283-299, 2007.
- Robinson, L.A. "New Recommendations for Valuing Health Outcomes," *AERE Newsletter*, 26(2), 30-34, November 2006.
- Books and Book Chapters***
- Robinson, L.A. "Valuing the Benefits of Lead Regulations: Previous Analyses and Current Research Needs," *Encyclopedia of Environmental Management* (S.E. Jorgensen, ed.), New York: Taylor and Francis Group, forthcoming.
- Robinson, L.A. and J.K. Hammitt. "The Benefit Transfer Approach: Valuing Health Risks in Sub-Saharan Africa," *Cost-Benefit Analysis and Developing Countries: Opportunities and Challenges* (R.L. Revesz and M.A. Livermore, eds.), New York University, forthcoming.
- Robinson, L.A. and J.K. Hammitt. "Valuing Health and Longevity in Regulatory Analysis: Current Issues and Challenges," *Handbook on the Politics of Regulation* (D. Levi-Faur, ed.), Cheltenham, UK and Northampton, MA: Edward Elgar, 2011.
- Robinson, L.A. "Valuing the Health Impacts of Air Emissions," *Encyclopedia of Environmental Health* (J. Nriagu, ed.), Oxford, UK: Elsevier Ltd., 2011.

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Robinson, L.A. "Assessing Regulatory Costs and Benefits," *Encyclopedia of Environmental Health* (J. Nriagu, ed.), Oxford UK: Elsevier Ltd., 2011.

Miller, W., L.A. Robinson, R. Lawrence (eds.). *Valuing Health for Regulatory Cost-Effectiveness Analysis*, Washington, DC: National Academies Press, 2006.

Working Papers and Miscellany

Robinson, L.A. and J.K. Hammitt. "New Recommendations for Valuing Mortality Risk Reductions," *RegBlog*, Penn Program on Regulation, 2011.

Cropper, M., J.K. Hammitt and L.A. Robinson. "Valuing Mortality Risk Reductions: Progress and Challenges," *NBER Working Paper 16971*, 2011.

Cropper, M., J.K. Hammitt and L.A. Robinson. "Valuing Mortality Risk Reductions," *Resources for the Future, Discussion Paper 11-10*, 2011.

Robinson, L.A. and J.K. Hammitt. "Valuing Health Risks in Sub-Saharan Africa: The Benefit-Transfer Approach," prepared for *Global Cost-Benefit Analysis: Challenges and Opportunities*, sponsored by the New York University Abu Dhabi Institute and Institute for Policy Integrity, 2010.

Robinson, L.A. and J.K. Hammitt. "Valuing Health and Longevity in Regulatory Analysis: Current Issues and Challenges," *Jerusalem Papers in Regulation and Governance, Working Paper No. 4*, 2010.

Robinson, L.A. and J.K. Hammitt. "On Tools and Tool Boxes: Valuing Mortality Risks in Benefit-Cost Analysis," 2010.

Robinson, L.A. and J.K. Hammitt. "Behavioral Economics and the Conduct of Benefit-Cost Analysis: Towards Principles and Standards," prepared for the Benefit-Cost Analysis Center, University of Washington with funding from the John D. and Catherine T. MacArthur Foundation, 2010.

Robinson, L.A. "Conference Summary: *New Ideas for Risk Regulation*," co-sponsored by the Society for Risk Analysis and Resources for the Future, October 2009.

Consultant Reports

Robinson, L.A. and J.K. Hammitt. *Using Stated Preference Research to Value the Benefits of U.S. Coast Guard Initiatives: Background Report*, prepared for U.S. Coast Guard, Department of Homeland Security, under subcontract to Industrial Economics, Incorporated, December 2011.

Industrial Economics, Incorporated and L.A. Robinson. *Estimating the Benefits of Reducing the Risk of Recreational Boating Accidents: Alternative Sources of Information on Fatalities, Injuries, and Property Damages*, prepared for U.S. Coast Guard, Department of Homeland Security, September 2011.

Robinson, L.A. *Review of VSL Estimates Used in U.S. Coast Guard Regulatory Analyses*, prepared for U.S. Coast Guard, Department of Homeland Security, May 2011.

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Robinson, L.A. *Comparing Health Burdens Across Population Subgroups: Options for Integrated Assessment of Environmental Justice Impacts*, prepared for the U.S. Environmental Protection Agency under subcontract to Industrial Economics, Incorporated, April 2011.

Industrial Economics, Incorporated, P. Oreopoulos, L.A. Robinson, and J. Schwartz. *Review of an Economic Valuation Model of the Neurological Benefits of Reducing Lead Exposures to Children in Canada*, prepared for Health Canada, March 2011.

Hammitt, J.K. and L.A. Robinson. *Valuing Changes in Life Expectancy*, prepared for Health Canada under subcontract to Industrial Economics, Incorporated, March 2011.

Robinson, L.A. and J.K. Hammitt. *The Value of Reducing Air Pollution Risks in Sub-Saharan Africa*, prepared for the World Bank under subcontract to ICF Incorporated, June 2009.

Robinson, L.A. *Estimating the Economic Costs of Commercial Freight Delays at International Land Borders*, prepared for U.S. Customs and Border Protection, Department of Homeland Security, under subcontract to Industrial Economics, Incorporated, February 2009.

Robinson, L.A. *Health Effects of Tobacco Use*, prepared for Health Canada under subcontract to Industrial Economics, Incorporated, September 2008.

Robinson, L.A. *Valuing Mortality Risk Reductions in Homeland Security Regulatory Analyses*, prepared for U.S. Customs and Border Protection, Department of Homeland Security, under subcontract to Industrial Economics, Incorporated, June 2008.

Robinson, L.A. *Review of Current Approaches for Valuing Nonfatal Injury Risk Reductions and Their Applicability to Homeland Security Rules*, prepared for U.S. Customs and Border Protection, Department of Homeland Security, under subcontract to Industrial Economics, Incorporated, October 2007.

Robinson, L.A. *Benefits of Reduced Lead Exposure: A Review of Previous Studies*, prepared for the Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, under subcontract to Industrial Economics, Incorporated, September 2007.

Robinson, L.A. *Valuing Reductions in Heart Disease Risks*, September 2007.

Robinson, L.A. *Valuing Travelers' Time for Border Crossings and Related Activities*, prepared for U.S. Customs and Border Protection, Department of Homeland Security, under subcontract to Industrial Economics, Incorporated, February 2007.

Robinson, L.A., W. Miller, and R. Black. *Alternative Approaches for Estimating Health-Related Quality of Life Impacts: Juice Processing Regulation Case Study*, prepared for the Committee to Evaluate Measures of Health Benefits for Environmental, Health, and Safety Regulation, Institute of Medicine, September 2005.

Robinson, L.A., W. Miller, and R. Black. *Alternative Approaches for Estimating Health-Related Quality of Life Impacts: Nonroad Engine Air Emissions Regulation Case Study*, prepared for the Committee to Evaluate Measures of Health Benefits for Environmental, Health, and Safety Regulation, Institute of Medicine, September 2005.

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- Robinson, L.A., P. Corso, X. Fang, W. Miller, and R. Black. *Alternative Approaches for Estimating Health-Related Quality of Life Impacts: Child Restraints Case Study*, prepared for the Committee to Evaluate Measures of Health Benefits for Environmental, Health, and Safety Regulation, Institute of Medicine, September 2005.
- U.S. Environmental Protection Agency. *Valuing Time Losses Due to Illness Under the 1996 Amendments to the Safe Drinking Water Act* (EPA 815-R-05-003), prepared for the Office of Ground Water and Drinking Water by Industrial Economics, Incorporated, January 2005.
- Robinson, L.A. *Current Federal Agency Practices for Valuing the Impact of Regulations on Human Health and Safety*, prepared for the Committee to Evaluate Measures of Health Benefits for Environmental, Health, and Safety Regulation, Institute of Medicine, December 2004.
- U.S. Environmental Protection Agency. *Economic Analysis for the Long Term 2 Enhanced Surface Water Treatment Rule Proposal*, prepared for the Office of Ground Water and Drinking Water by the Cadmus Group and Industrial Economics, Incorporated, June 2003.
- Industrial Economics, Incorporated. *Benefits, Costs, and Other Impacts of EPA's Oil Program (Draft Report)*, prepared for the Office of Emergency and Remedial Response, U.S. Environmental Protection Agency, May 2002.
- Industrial Economics, Incorporated. *Association of Selected Health Effects with Arsenic Exposure (Initial Draft)*, prepared for the prepared for the Office of Ground Water and Drinking Water, U.S. Environmental Protection Agency, November 2001.
- Industrial Economics, Incorporated. *Assessing the Benefits of Drinking Water Regulations Under the 1996 Amendments to the Safe Drinking Water Act*, prepared for the Office of Policy and the Office of Ground Water and Drinking Water, U.S. Environmental Protection Agency, June 2001.
- Industrial Economics, Incorporated. *Technical Bases Information for Clearance of Materials and Equipment: Interim Cost Model Report*, prepared for the U.S. Nuclear Regulatory Commission, May 2001.
- Industrial Economics, Incorporated. *The Use of Benefit-Cost Analysis Under the Safe Drinking Water Act: Valuing Fatal Risk Reductions*, prepared for the Office of Ground Water and Drinking Water, U.S. Environmental Protection Agency, March 2001.
- Industrial Economics, Incorporated. *Regulatory Impact Analysis: Storage, Treatment, Transportation, and Disposal of Mixed Waste*, prepared for the Office of Solid Waste, U.S. Environmental Protection Agency, February 2001.
- Industrial Economics, Incorporated. *Economic Analysis of the Radionuclides National Primary Drinking Water Regulations*, prepared for the Office of Ground Water and Drinking Water, U.S. Environmental Protection Agency, November 2000.
- Industrial Economics, Incorporated. *Scoping Analysis: Economic Impact of Radiation Protection Standards for Metal Imports and Exports*, prepared for the Office of Radiation and Indoor Air, U.S. Environmental Protection Agency, September 2000.

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Industrial Economics, Incorporated. *Preliminary Health Risk Reduction and Cost Analysis: Revised National Primary Drinking Water Standards for Radionuclides*, prepared for the Office of Ground Water and Drinking Water and the Office of Radiation and Indoor Air, U.S. Environmental Protection Agency, January 2000.

U.S. Environmental Protection Agency. *Guidelines for Preparing Economic Analysis* (EPA 240-R-00-003), 2000 (contributor).

Industrial Economics, Incorporated. *Radiation Protection Standards for Scrap Metal: Preliminary Cost-Benefit Analysis*, prepared for the Office of Air and Radiation, U.S. Environmental Protection Agency, December 1996.

Industrial Economics, Incorporated. *Assessment of the Potential Costs and Benefits of the Hazardous Waste Identification Rule for Industrial Process Wastes*, prepared for the Office of Solid Waste, U.S. Environmental Protection Agency, May 1995 (with November 1995 Addendum).

Industrial Economics, Incorporated. *Use of Market-Based Allocations to Meet Local Limits for Pretreatment: A Report in Support of Clean Water Act Reauthorization*, prepared for the Office of Policy, Planning and Evaluation, U.S. Environmental Protection Agency, March 1994.

ICF Incorporated and Industrial Economics, Incorporated. *Regulatory Impact Analysis for the Final Rulemaking on Corrective Action for Solid Waste Management Units*, prepared for the Office of Solid Waste, U.S. Environmental Protection Agency, March 1993.

Industrial Economics, Incorporated. *The Benefits and Feasibility of Effluent Trading Between Point Sources: An Analysis in Support of Clean Water Act Reauthorization*, prepared for the Office of Water and the Office of Policy, Planning and Evaluation, U.S. Environmental Protection Agency, December 1992.

Industrial Economics, Incorporated. *Preliminary Economic Assessment of Proposed Hazardous Waste Identification Rule*, prepared for the Office of Solid Waste, U.S. Environmental Protection Agency, April 1992.

Invited Workshops and Peer Reviews

U.S. Customs and Border Protection. *Assessing the Benefits of U.S. Customs and Border Protection Regulatory Actions to Reduce Terrorism Risks*. RAND Corporation and Industrial Economics, Incorporated, November 2011.

Center for Tobacco Products, U.S. Food and Drug Administration, Department of Health and Human Services. *Economics of Tobacco Roundtable - Perspectives on Benefits Analysis and Future Research*, October 2011.

Research Foundation of the International Life Sciences Institute. *The Risk of Risk Perception*, February 2011.

NORC at the University of Chicago. *Security, Energy, and Environment Working Group*, February 2011.

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U.S. Global Climate Change Research Program. *Economic and Alternative Valuation Techniques and Metrics for Climate Change Impacts, Adaptation and Mitigation Options: Methodological Perspectives for the National Climate Assessment Workshop*, U.S. Environmental Protection Agency and U.S. Department of Energy, January 2011.

U.K. Inter-Departmental Group on Valuation of Life and Health. *Draft Green Book Supplementary Guidance on Valuation of Life and Health*, December 2010.

OECD Environment Directorate and European Commission. *Valuing Mortality Risk Reductions in Regulatory Analysis of Environmental, Health, and Transport Policies: Policy Implications*, S. Navrud and H. Lindhjem, October 2010.

National Center for Risk and Economic Analysis of Terrorism Events, *Estimating the Benefits of Homeland Security Policies Workshop*, September 2010.

Benefit-Cost Analysis Center, University of Washington. *Toward Principles and Standards in the Use of Benefit-Cost Analysis: A Summary of Work and a Starting Place*, R.O. Zerbe Jr., T.B. Davis, T. Scott, and N. Garland, with funding from the John D. and Catherine T. MacArthur Foundation, August 2010.

National Highway Traffic Safety Administration. *Uncertainty Analysis of Quality Adjusted Life Years Lost*, R. Spicer and T. Miller, Pacific Institute for Research and Evaluation, April 2006.

Resources for the Future. *Economic Analysis at EPA: Assessing Regulatory Impact*, R.D. Morgenstern (ed.), 1997.

Journals: *Journal of Benefit-Cost Analysis, Medical Decision Making, Regulation & Governance, Risk Analysis*.

Courses Taught

“Introduction to Microeconomics” mini-course, Graduate Consortium on Energy and Environment, Center for the Environment, Harvard University, January 2012.

“Improving Environmental, Health, and Safety Regulation: The Role of Economic Analysis” Economics 970 Sophomore Tutorial, Harvard University, Department of Economics, Spring 2011.

Presentations and Seminars

“Value of Life by Different Agencies” (discussant), *Theory, Science, and Statistics in the Use of Benefit-Cost Analysis* conference organized by the Benefit-Cost Analysis Center, University of Washington, with funding from the John D. and Catherine T. MacArthur Foundation, October 2011.

“Regulatory Impact Analysis: Challenges for Tobacco Control,” Center for Tobacco Products, U.S. Food and Drug Administration, Department of Health and Human Services, *Economics of Tobacco Roundtable - Perspectives on Benefits Analysis and Future Research*, October 2011.

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- “Valuing ‘Statistical Lives’ in U.S. Coast Guard Regulatory Impact Analyses,” U.S. Coast Guard, May 2011.
- “Regulatory Analysis and the Value of Life,” Regulatory Comment Clinic, Trachtenberg School of Public Policy and Public Administration, George Washington University, March 2011.
- “The Role of Economic Analysis in Federal Environmental, Health, and Safety Regulation,” NORC at the University of Chicago, February 2011.
- “Behavioral Economics and Benefit-Cost Analysis,” with J.K. Hammitt, *American Economic Association Annual Meeting*, January 2011.
- “Behavioral Economics and Benefit-Cost Analysis: Towards Principles and Standards,” with J.K. Hammitt, *Society for Risk Analysis Annual Meeting*, December 2010.
- “Behavioral Economics and the Conduct of Benefit-Cost Analysis: Towards Principles and Standards,” with J.K. Hammitt, *Developing Standards for Benefit-Cost Analysis* conference organized by Benefit-Cost Analysis Center, University of Washington, with funding from the John D. and Catherine T. MacArthur Foundation, October 2010.
- “Valuing Mortality Risk Reductions in Homeland Security Regulatory Analyses,” *Estimating the Benefits of Homeland Security Policies Workshop*, National Center for Risk and Economic Analysis of Terrorism Events, September 2010.
- “New Ideas for Risk Regulation,” with A. Alemanno, J.D. Graham, J.K. Hammitt, S. Hoffmann, D.J. Mancini, and J. Wiener, *Society for Risk Analysis Annual Meeting*, December 2009.
- “Using Constant Values for Different Health Risks: The Potential to Mislead?,” *Society for Risk Analysis Annual Meeting*, December 2009.
- “Valuing ‘Statistical Lives’ in Regulatory Analysis: Current Debates and Recent Research Results,” *Empirical Microeconomics Seminar*, Rutgers University, November 2009.
- “Valuing Health Outcomes,” with T.A. Cameron, J.K. Hammitt, D.T. Jamison, and J. Lipscomb, *Unleashing the Power of Social Benefit-Cost Analysis: Removing Barriers* conference organized by Benefit-Cost Analysis Center, University of Washington, with funding from the John D. and Catherine T. MacArthur Foundation, October 2009.
- “The Value of Reducing Air Pollution Risks in Sub-Saharan Africa,” The World Bank, February 2009.
- “Valuing Mortality Risk Reductions in Homeland Security Regulatory Analyses,” *Society for Risk Analysis Annual Meeting*, December 2008.
- “Should Different Regulatory Agencies Use Different Values of Statistical Lives?,” *Risk Regulation Seminar*, Penn Program on Regulation, University of Pennsylvania Law School and the Wharton School, September 2008.
- “Valuing Mortality Risk Reductions,” with J. Baxter, Office of Risk Management and Analysis, Department of Homeland Security, July 2008.

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“Should Agencies Value Mortality Risk Reductions Differently Depending on the Context?,” *Society for Benefit-Cost Analysis Annual Meeting*, June 2008.

“IOM Recommendations for Valuing Health in Regulatory Cost-Effectiveness Analysis,” with W. Miller, and A. Krupnick, *Society for Risk Analysis Annual Meeting*, December 2007.

“Use of VSL Estimates in Regulatory Analysis,” *Health Canada Expert Elicitation Workshop*, November 2007.

“Valuing Health for Regulatory CEA: Near Term Sources of HRQL Estimates,” *Implementing the Recommendations of “Valuing Health”* conference sponsored by the Institute of Medicine and Resources for the Future, February 2006.

“Current Federal Agency Practices for Valuing the Impacts of Regulations on Human Health And Safety,” *Professional Development Seminar*, Industrial Economics, Incorporated, January 2005.

“Case Studies: Status and Key Issues,” *Committee to Evaluate Measures of Health Benefits for Environmental, Health, and Safety Regulation*, Institute of Medicine, December 2004.

“Costs and Benefits of the RCRA Corrective Action Program: A National Perspective,” with B. Johnson et al. *Proceedings of the 2nd International Congress on Hazardous Waste: Impact on Human and Ecological Health*, 1997.

“Non-Economic Factors Influencing Scrap Metal Disposition Decisions at DOE and NRC-Licensed Nuclear Facilities,” with M. Ewen, *Beneficial Reuse*, August 1996.

Symposia, Workshops, and Conferences (organized and chaired)

“Synthesizing Studies for Evidence-Based Decisionmaking Symposium: Part 1, Meta-Regression and Related Methods, and Part 2, Expert Elicitation,” *Society for Risk Analysis Annual Meeting*, December 2011.

“Synthesizing Evidence: An Introduction to Systematic Reviews, Meta-Analysis, and Expert Elicitation” Continuing Education Workshop, with J.E. Goodman, J.K. Hammitt, and L.R. Rhomberg. *Society for Risk Analysis Annual Meeting*, December 2011.

“Synthesizing Data for Evidence-Based Decisionmaking” panel, *Theory, Science, and Statistics in the Use of Benefit-Cost Analysis* conference organized by the Benefit-Cost Analysis Center, University of Washington, with funding from the John D. and Catherine T. MacArthur Foundation, October 2011.

“Introduction to Behavioral Economics,” Continuing Education Workshop, with H. Kunreuther, A. Jessup, P. Slovic, A. Stivers and R. Zeckhauser. *Society for Risk Analysis Annual Meeting*, December 2010.

“Risks and Rationality: Challenges to Sound Decisionmaking” symposia, with J.K. Hammitt, D.I. Laibson, and R. Zeckhauser, *Society for Risk Analysis-New England Chapter*, Harvard School of Public Health, September 2009.

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New Ideas for Risk Regulation conference, co-sponsored by the Society for Risk Analysis and Resources for the Future, June 2009.

Other Professional Service

Society for Risk Analysis: Website Redesign Subcommittee Chair, 2011-present; Communication Committee Co-Chair, 2010-present; Publications Committee, 2010; Annual Meeting Program Committee, 2010.

Society for Benefit-Cost Analysis: Program Committee, 2009.

Other memberships: American Economic Association; Association of Environmental and Resource Economists; Association for Public Policy Analysis and Management; International Health Economics Association; Society for Medical Decision Making.