

**JOSEPH E. ALDY**

ASSOCIATE PROFESSOR OF PUBLIC POLICY  
HARVARD KENNEDY SCHOOL

John F. Kennedy School of Government  
Taubman 382, Mailbox 57  
79 John F. Kennedy Street  
Cambridge, MA 02138  
V: 617-496-7213  
E: [joseph\\_aldy@hks.harvard.edu](mailto:joseph_aldy@hks.harvard.edu)  
I: <http://www.hks.harvard.edu/fs/jaldy/index.html>

**Education:**

Doctor of Philosophy, Department of Economics, Harvard University, 2005  
Master of Environmental Management, Nicholas School of the Environment, 1995  
Bachelor of Arts, Duke University, 1993

**Professional Experience:**

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|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2015-present | Associate Professor of Public Policy<br>Harvard Kennedy School                                                                                         |
| 2009-2015    | Assistant Professor of Public Policy<br>Harvard Kennedy School<br>(public service leave Jan 2009 – Dec 2010; paternity leave 2012)                     |
| 2011-present | University Fellow / Visiting Fellow / Non-Resident Fellow<br>Resources for the Future                                                                  |
| 2011-present | Faculty Research Fellow<br>National Bureau of Economic Research                                                                                        |
| 2014-present | Senior Adviser<br>Center for Strategic and International Studies                                                                                       |
| 2016         | Visiting Scholar<br>Kleinman Center for Energy Policy, University of Pennsylvania                                                                      |
| 2015         | Non-Resident Fellow<br>Center on Global Energy Policy, Columbia University                                                                             |
| 2015         | Lone Mountain Fellow<br>Property & Environment Research Center                                                                                         |
| 2009-2010    | Special Assistant to the President for Energy and Environment<br>National Economic Council and Office of Energy and Climate Change,<br>The White House |
| 2005-2009    | Fellow<br>Resources for the Future                                                                                                                     |
| 2007-2008    | Adjunct Assistant Professor<br>Department of Economics, Georgetown University                                                                          |
| 2008         | Adjunct Professor<br>Georgetown Public Policy Institute                                                                                                |
| 2007         | Lecturer                                                                                                                                               |

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| 1999-2000 | Applied Economics Master's Program, Johns Hopkins University<br>Senior Economist for the Environment and Natural Resources<br>Council of Economic Advisers, Executive Office of the President |
| 1998-1999 | Senior Advisor for the Global Environment<br>Council of Economic Advisers, Executive Office of the President                                                                                  |
| 1997-1998 | Staff Economist for the Environment and Natural Resources<br>Council of Economic Advisers, Executive Office of the President                                                                  |
| 1996-1997 | Economist<br>Natural Resources and Environment Division, Economic Research Service                                                                                                            |
| 1995-1996 | Associate in Research<br>Nicholas School of the Environment                                                                                                                                   |

**Other Professional Affiliations:**

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|--------------|-----------------------------------------------------------------------------------------------|
| 2011-present | Faculty Chair, Regulatory Policy Program, Mossavar-Rahmani Center for Business and Government |
| 2016-present | Member, Advisory Committee for the Energy and Environment Program, Alfred P. Sloan Foundation |
| 2016-present | Member, Advisory Board, <i>The Environmental Forum</i>                                        |
| 2015-present | Member, Editorial Advisory Panel, <i>Nature Energy</i>                                        |
| 2015-present | Trustee, Board of Trustees, Robert and Patricia Switzer Foundation                            |
| 2011-present | Member, Editorial Board, <i>Economics of Energy and Environmental Policy</i>                  |
| 2011-present | Faculty Affiliate, Mossavar-Rahmani Center for Business and Government                        |
| 2011-present | Faculty Affiliate, Taubman Center for State and Local Government                              |
| 2011-present | Faculty Fellow, Harvard Environmental Economics Program                                       |
| 2011-present | Faculty Associate, Harvard University Center for the Environment                              |
| 2017-present | Contributor, Harvard-China Project on Energy, Economy, and Environment                        |
| 2008-2009    | Treasurer, Association of Environmental and Resource Economists                               |
| 2007-2009    | Co-Director, Harvard Project on International Climate Agreements                              |
| 2006-2009    | Co-Director, International Energy Workshop                                                    |

**Awards:**

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| 2008 | Nicholas School of the Environment Rising Star Alumni Award                                                                                                           |
| 2005 | Stone Pre-Doctoral Fellowship in Environmental and Resource Policy (Winner of Best Paper on Environmental and Resource Policy by Harvard University doctoral student) |
| 2003 | Certificate of Distinction in Teaching, Harvard University                                                                                                            |
| 2002 | Certificate of Distinction in Teaching, Harvard University                                                                                                            |

**Fellowships:**

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| 2004-2005 | Morris K. Udall Scholarship and Excellence in National Environmental Policy Foundation Fellowship |
| 2003-2004 | Repsol YPF-Harvard Kennedy School Energy Policy Fellowship                                        |
| 2003-2004 | Switzer Foundation Environmental Fellowship                                                       |
| 2000-2003 | STAR Fellowship, U.S. Environmental Protection Agency                                             |

1996-1998      Presidential Management Internship, Executive Office of the President and  
USDA Economic Research Service  
1994              NNEMS Fellowship, U.S. Environmental Protection Agency

**Research Grants:**

Alfred P. Sloan Foundation, “Evaluating the Performance of Energy and Environmental Regulations,” Principal Investigator, 2017-2018  
Alfred P. Sloan Foundation, “Energy Policy Tradeoffs between Economics Efficiency and Distributional Equity,” Research Team Member – Efficiency and Distributional Consequences of Subsidies for Energy-Efficient Appliances paper, 2016-2017  
National Science Foundation/NBER, “Boutique Fuel Markets and Security-Environment-Economic Trade-offs,” Grantee under NBER Economics of Energy Markets NSF Grant, 2016-2017  
Alfred P. Sloan Foundation, “The Efficiency and Fiscal Implications of Multiple, Overlapping Energy and Environmental Policies,” Principal Investigator, 2015-2017  
Alfred P. Sloan Foundation, “Durability and Adaptability in Energy Policy,” Study Group Member, 2014-2016  
Electric Power Research Institute, “The Competitiveness Effects of Domestic Climate Policy: A State-Level Evaluation,” Principal Investigator, 2011-2012.  
Smith Richardson Foundation Domestic Policy Fellowship, “The Competitiveness Effects of U.S. Climate Change Policy,” Principal Investigator, 2009. [Note: fellowship resources could not be accepted as condition of appointment in the Obama Administration.]  
Doris Duke Charitable Foundation, “Beyond Kyoto: Designing the Post-2012 International Policy Architecture to Address Global Climate Change,” Co-Principal Investigator, 2007-2009.  
Pew Center on Global Climate Change, “Competitiveness Impacts of Climate Change Mitigation Policies,” Principal Investigator, 2007-2008.  
Electric Power Research Institute, “Efficient Mechanisms for U.S. Domestic Climate Policy,” Principal Investigator, 2007.  
USDA Economic Research Service, “Managing Invasive Species Risks,” Co-Principal Investigator, 2006-2008.

**Papers under Review:**

“Climate Reparations or Redistribution?”  
“Heterogeneity in the Value of Life” (with Seamus J. Smyth)  
“The Labor Market Impacts of the 2010 *Deepwater Horizon* Oil Spill and Offshore Drilling Moratorium”  
“Designing Energy and Environmental Fiscal Instruments to Improve Public Health”

**Research Papers in Progress:**

“The Efficiency Consequences of Heterogeneous Behavioral Responses to Energy Fiscal Policies”  
(with Sébastien Houde)

- “Evaluating Mitigation Effort: Tools and Institutions for Assessing Nationally Determined Contributions”
- “Living Mitigation Plans: The Co-Evolution of Mitigation Pledge and Review”
- “Fossil Fuel Subsidies and the Costs of Climate Stabilization Policies”
- “Evaluating Policy Design Options of a Carbon Border Tax Adjustment” (with John Agan, Wesley Look, and Gilbert Metcalf)
- “The Impacts of Power Sector Carbon Regulations on the Manufacturing Labor Market” (with William A. Pizer)
- “Capital versus Output Subsidies: Implications for Alternative Incentives for Wind Investment” (with Todd D. Gerarden and Richard L. Sweeney)
- “The Additionality of the Clean Development Mechanism: A Macro Perspective” (with Gabriel Chan)
- “Life-Saving Information: Mortality Risk Reduction from Air Quality Forecasts” (with Marie-Abele Bind)
- “Information Provision and Countervailing Risks: The Case of UV-Index and Ozone Pollution Forecasts”
- “Learning from Experience: An Assessment of the Retrospective Reviews of Agency Rules and the Evidence for Improving the Design and Implementation of Regulatory Policy”
- “If Fossil Fuel Subsidies Are So Bad, Why Are They So Common?”
- “Temperature Shocks, Energy Prices, and U.S. Mortality: An Assessment of the Health Impacts of Climate Change” (with Dan Stone)
- “Income and Environmental Quality: The Case of the People’s Republic of China” (with Dick Morgenstern and Ramanan Laxminarayan)
- “Insurance against Weather and Energy Price Shocks: The Benefits of Energy Subsidies to Low-Income Households”
- “Distributional Consequences of Environmental and Safety Regulations: Insights from Labor Market Decisions” (with Seamus J. Smyth)

**Publications – Journal Articles:**

- “Comparability in Sustainability Goals: A Broader Assessment of the Paris Pledges.” *Nature Climate Change*, forthcoming, with Gokul Iyer, Katherin Calvin, Leon Clarke, James Edmonds, Nate Hultman, Corinne Hartin, Haewon McJeon, and William Pizer

- "Consumers' Response to State Energy Efficient Appliance Rebate Programs." *American Economic Journal: Economic Policy* 9(4): 227-255, with Sébastien Houde, 2017.
- "Policy Surveillance in the G20 Fossil Fuel Subsidies Agreement: Lessons for Climate Policy." *Climatic Change* 144: 97-110, 2017.
- "Designing and Updating a U.S. Carbon Tax in an Uncertain World." *Harvard Environmental Law Review* 41: 28-40, 2017.
- "Resolving the Inherent Uncertainty of Carbon Taxes: Introduction." *Harvard Environmental Law Review* 41: 1-13, with Marc Hafstead, Gilbert E. Metcalf, Brian C. Murray, William A. Pizer, Christina Reichert, and Robertson C. Williams III, 2017.
- "Frameworks for Evaluating Policy Approaches to Address the Competitiveness Concerns of Mitigating Greenhouse Gas Emissions." *National Tax Journal* 70(2): 395-420, 2017.
- "Comparing Emissions Mitigation Efforts across Countries." *Climate Policy* 17(4): 501-515, with William A. Pizer and Keigo Akimoto, 2017.
- "The Political Economy of Clinton's Ambitious Energy Program." *Nature Energy* 1(10), 2016.
- "Economic Tools to Promote Transparency and Comparability in the Paris Agreement." *Nature Climate Change* 6(11): 1000-1004, with William Pizer, Massimo Tavoni, Lara Aleluia Reis, Keigo Akimoto, Geoffrey Blanford, Carlo Carraro, Leon E. Clarke, James Edmonds, Gokul C. Iyer, Haewon C. McJeon, Richard Richels, Steven Rose, and Fuminori Sano, 2016.
- "Mobilizing Political Action on Behalf of Future Generations." *The Future of Children* 26(1): 157-178, 2016.
- "Alternative Metrics for Comparing Domestic Climate Change Mitigation Efforts and the Emerging International Climate Policy Architecture." *Review of Environmental Economics and Policy* 10: 3-24, with William A. Pizer, 2016.
- "Competitiveness Impacts of Climate Change Mitigation Policies." *Journal of the Association of Environmental and Resource Economists* 2(4): 565-595, with William A. Pizer, 2015.
- "Pricing Climate Risk Mitigation." *Nature Climate Change* 5: 396-398, 2015.
- "Review of *Planetary Economics: Energy, Climate Change and the Three Domains of Sustainable Development*, by Michael Grubb with Jean-Charles Hourcade and Karsten Neuhoff." *Economics of Energy and Environmental Policy*, forthcoming.
- "Using and Improving the Social Cost of Carbon." *Science* 346: 1181-1182, with William Pizer, Matthew Adler, David Anthoff, Maureen Cropper, Kenneth Gillingham, Michael Greenstone, Brian Murray, Richard Newell, Richard Richels, Arden Rowell, Stephanie Waldhoff, and Jonathan Wiener, 2014.

- "The Crucial Role of Policy Surveillance in International Climate Policy." *Climatic Change* 126(3-4): 279-292, 2014.
- "Risk Regulation Lessons from Mad Cows." *Foundations and Trends in Microeconomics* 8(4), with W. Kip Viscusi, 2013.
- "The Case for a U.S. Carbon Tax." *Oxford Energy Forum* 91: 13-16, 2013.
- "A Preliminary Assessment of the American Recovery and Reinvestment Act's Clean Energy Package." *Review of Environmental Economics and Policy* 7(1): 136-155, 2013.
- "Review of *Climate Change and Common Sense: Essays in Honour of Tom Schelling*, edited by Robert W. Hahn and Alistair Ulph." *Journal of Regional Science* 53(1): 201-203, 2013.
- "Climate Negotiators Create an Opportunity for Scholars." *Science* 337: 1043-1044, with Robert N. Stavins, 2012.
- "Willingness to Pay and Political Support for a U.S. National Clean Energy Standard." *Nature Climate Change* 2: 596-599, with Matthew J. Kotchen and Anthony A. Leiserowitz, 2012.
- "The Promise and Problems of Pricing Carbon: Theory and Experience." *Journal of Environment and Development* 21(2): 152-180, with Robert N. Stavins, 2012.
- "Using the Market to Address Climate Change: Insights from Theory and Experience." *Daedalus* 141(2): 45-60, with Robert N. Stavins, 2012.
- "Promoting Clean Energy in the American Power Sector: A Proposal for a National Clean Energy Standard." *Environmental Law Reporter* 42: 10131-10149, 2012.
- "Real-Time Economic Analysis and Policy Development During the BP *Deepwater Horizon* Oil Spill." *Vanderbilt Law Review* 64(6): 1795-1817, 2011.
- "The Environmental Justice Dimensions of Climate Change." *Environmental Justice* 4(1): 17-25, with Marie Lynn Miranda, Douglas A. Hastings, and William H. Schlesinger, 2011.
- "Designing Climate Mitigation Policy." *Journal of Economic Literature* 48(4): 903-934, with Alan J. Krupnick, Richard G. Newell, Ian W.H. Parry, and William A. Pizer, 2010. Reprinted in *Economics of the Environment: Selected Readings, Sixth Edition*, R.N. Stavins, ed., W.W. Norton, 2012.
- "Valuing the Risk of Death from Terrorist Attacks." *Journal of Homeland Security and Emergency Management* 7(1): Article 14, with Lisa A. Robinson, James K. Hammitt, Alan Krupnick, and Jennifer Baxter, 2010.
- "Introduction to the Frontiers of Environmental and Resource Economics." *Journal of Environmental Economics and Management* 57(1): 1-4, with Alan J. Krupnick, 2009.

- "Issues in Designing U.S. Climate Change Policy." *The Energy Journal* 30(3): 179-210, with William A. Pizer, 2009.
- "A Tax-Based Approach to Slowing Global Climate Change." *National Tax Journal* 61: 493-517, with Eduardo Ley and Ian W.H. Parry, 2008.
- "Adjusting the Value of a Statistical Life for Age and Cohort Effects." *Review of Economics and Statistics* 90(3): 573-581, with W. Kip Viscusi, 2008.
- "Introduction to Special Symposium on Energy and Development in Africa." *Energy Policy* 36(8): 2771-2772, with Mark Howells and Leo Schrattenholzer, 2008.
- "Climate Policy Architectures for the Post-Kyoto World." *Environment* 50(3): 6-17, with Robert N. Stavins, 2008.
- "Age Differences in the Value of Statistical Life: Revealed Preference Evidence." *Review of Environmental Economics and Policy* 1(2): 241-260, with W. Kip Viscusi, 2007.
- "Labor Market Estimates of the Senior Discount for the Value of Statistical Life." *Journal of Environmental Economics and Management* 53(3): 377-392, with W. Kip Viscusi, 2007.
- "Energy and Carbon Dynamics at Advanced Stages of Development: An Analysis of the U.S. States 1960–1999." *The Energy Journal* 28(1): 91-111, 2007.
- "Divergence in State-Level Per Capita Carbon Dioxide Emissions." *Land Economics* 83(3): 353-369, 2007.
- "Per Capita Carbon Dioxide Emissions: Convergence or Divergence?" *Environmental and Resource Economics* 33(4): 533-555, 2006.
- "Review of *Beyond Kyoto – A New Global Climate Certificate System* by Lutz Wicke." *Bulletin of the American Meteorological Society* 87: 1228-1229, 2006.
- "An Environmental Kuznets Curve Analysis of U.S. State-Level Carbon Dioxide Emissions." *Journal of Environment and Development*, U.S. EPA Special Issue 14(1): 48-72, 2005.
- "The Value of a Statistical Life: A Critical Review of Market Estimates throughout the World." *Journal of Risk and Uncertainty* 27(1): 5-76, with W. Kip Viscusi, 2003.
- "Thirteen Plus One: A Comparison of Global Climate Policy Architectures." *Climate Policy* 3(4): 373–397, with Scott Barrett and Robert N. Stavins, 2003.
- "Environmental Equity and the Conservation of Unique Ecosystems: An Analysis of the Distribution of Benefits for Protecting Southern Appalachian Spruce-Fir Forests." *Society and Natural Resources* 12: 93–106, with Randall A. Kramer and Thomas P. Holmes, 1999.
- "The Role of Technology in Sustaining Agriculture and the Environment." *Ecological Economics* 26: 81–96, with James Hrubovcak and Utpal Vasavada, 1998.

"Unit Pricing of Residential Municipal Solid Waste: Lessons from Nine Case Study Communities." *Journal of Environmental Management* 52(1): 79-93, with Marie Lynn Miranda, 1998.

"Economics of Sustainable Agriculture." *Agricultural Outlook* 238: 21-24, with Utpal Vasavada and Jim Hrubovcak, 1997.

"Recycling Jumps When Communities Use Unit Pricing for Residential Garbage." *Resource Recycling* 15(8): 27-31, with Marie Lynn Miranda, 1996.

**Publications – Edited Books:**

*Post-Kyoto International Climate Policy: Implementing Architectures for Agreement.* New York: Cambridge University Press, with Robert N. Stavins, 2010.

*Post-Kyoto International Climate Policy: Summary for Policymakers.* New York: Cambridge University Press, with Robert N. Stavins, 2009.

*Architectures for Agreement: Addressing Global Climate Change in the Post-Kyoto World.* New York: Cambridge University Press, with Robert N. Stavins, 2007.

**Publications – Book Chapters:**

"Evaluating the Performance of Regulations and Regulatory Institutions." *Research Agenda for New Institutional Economics*, Claude Ménard and Mary M. Shirley, eds. Edward Elgar, forthcoming.

"Promoting Environmental Quality through Fuels Regulations: Lessons for a Durable Energy and Climate Policy." *Building Durability and Flexibility into Long Term Energy Policy: Lessons from the Clean Air Act*, Dallas Burtraw and Ann Carlson, eds. Cambridge University Press, forthcoming.

"Economic Instruments: The Ethics of Saving the Planet Cost-Effectively." *Routledge Companion to Environmental Ethics*, Benjamin Hale and Andrew Light, eds. Routledge, forthcoming.

"Policy Surveillance: Its Role in Monitoring, Reporting, Evaluating and Learning." *Governing Climate Change: Polycentricity in Action?*, Harro van Asselt, Johanna Forster, David Huitema, and Andy Jordan, eds. Cambridge University Press, 2018.

"Comparing Emission Mitigation Pledges: Metrics and Institutions." *Towards a Workable and Effective Climate Regime*, Scott Barrett, Carlo Carraro, and Jaime de Melo, eds. Fondation pour les Etudes et Recherches sur le Developpement International, with William A. Pizer, 2015.

"Comparing Countries' Climate Mitigation Efforts in a Post-Kyoto World." *Implementing a US Carbon Tax: Challenges and Debates*, Ian Parry, Adele Morris, and Roberton C. Williams III, eds. Routledge, with William A. Pizer, 2015.

- “Environmental Risk and Uncertainty.” *Handbook of the Economics of Risk and Uncertainty*, Volume 1, Mark J. Machina and W. Kip Viscusi, eds., Elsevier, with W. Kip Viscusi, 601-649, 2014.
- “Foreword.” *Toward a New Climate Agreement: Conflict, Resolution, and Governance*. Todd Cherry, Jon Hovi, and David McEvoy, eds., Routledge, 2014.
- “The Employment and Competitiveness Impacts of Power-Sector Regulations.” *Does Regulation Kill Jobs?* Cary Coglianese, Adam Finkel, and Chris Carrigan, eds. Philadelphia: University of Pennsylvania Press, with William A. Pizer, 2014.
- “Eliminating Fossil Fuel Subsidies.” *15 Ways to Rethink the Federal Budget*, Michael Greenstone, Max Harris, Karen Li, Adam Looney, and Jeremy Patashnik, eds. Washington, DC: The Hamilton Project, Brookings Institution, 31-35, 2013.
- “Designing a Bretton Woods Institution to Address Global Climate Change.” *Handbook of Energy and Climate Change*, Roger Fouquet, ed. Cheltenham, UK: Edward Elgar, 2013.
- “Designing the Post-Kyoto Climate Regime.” *The Quest for Security: Protection without Protectionism and the Challenge of Global Governance*, Mary Kaldor and Joseph Stiglitz, eds. New York: Columbia University Press, with Robert N. Stavins, 2013.
- “Introduction.” *Post-Kyoto International Climate Policy: Implementing Architectures for Agreement*, Joseph E. Aldy and Robert N. Stavins, eds. New York: Cambridge University Press, 1-28, with Robert N. Stavins, 2010.
- “Lessons for the International Policy Community.” *Post-Kyoto International Climate Policy: Implementing Architectures for Agreement*, Joseph E. Aldy and Robert N. Stavins, eds. New York: Cambridge University Press, 899-929, with Robert N. Stavins, 2010.
- “Introduction and Overview.” *Post-Kyoto International Climate Policy: Summary for Policymakers*, Joseph E. Aldy and Robert N. Stavins, eds. New York: Cambridge University Press, 1-25, with Robert N. Stavins, 2009.
- “Lessons for the International Policy Community.” *Post-Kyoto International Climate Policy: Summary for Policymakers*, Joseph E. Aldy and Robert N. Stavins, eds. New York: Cambridge University Press, 27-55, with Robert N. Stavins, 2009.
- “Comment on Jeffrey A. Frankel’s ‘Addressing the Leakage/Competitiveness Issue in Climate Change Policy Proposals.’” *Climate Change, Trade and Competitiveness: Is a Collision Inevitable?* Lael Brainard and Isaac Sorkin, eds. Washington, DC: Brookings Institution Press, 83-88, 2009.
- “Towards a Post-Kyoto International Climate Policy Regime.” *Beyond Copenhagen: A Climate Policymaker’s Handbook*. Juan Delgado and Stephen Gardner, eds. Brussels: Bruegel Books, 53-59, with Robert N. Stavins, 2009.

“Introduction: International Policy Architecture for Global Climate Change.” *Architectures for Agreement: Addressing Global Climate Change in the Post-Kyoto World*, Joseph E. Aldy and Robert N. Stavins, eds. New York: Cambridge University Press, 1-27, with Robert N. Stavins, 2007.

“Architectures for an International Global Climate Change Agreement: Lessons for the Policy Community.” *Architectures for Agreement: Addressing Global Climate Change in the Post-Kyoto World*, Joseph E. Aldy and Robert N. Stavins, eds. New York: Cambridge University Press, 350-367, with Robert N. Stavins, 2007.

“Competitiveness Impacts of Carbon Dioxide Pricing Policies on Manufacturing.” *Assessing U.S. Climate Policy Options*, Raymond J. Kopp and William A. Pizer, eds. Washington, DC: Resources for the Future, with Richard Morgenstern, Evan M. Herrnstadt, Mun Ho, and William A. Pizer, 95-105, 2007.

“Assessing the Costs of Regulatory Proposals for Reducing U.S. Greenhouse Gas Emissions.” *Assessing U.S. Climate Policy Options*, Raymond J. Kopp and William A. Pizer, eds. Washington, DC: Resources for the Future, 53-68, 2007.

“Saving the Planet Cost-Effectively: The Role of Economic Analysis in Climate Change Mitigation Policy.” *Painting the White House Green: Rationalizing Environmental Policy Inside the Executive Office of the President*, Randall Lutter and Jason F. Shogren, eds. Washington, DC: Resources for the Future Press, 89–118, 2004.

“Addressing Cost: The Political Economy of Climate Change.” *Beyond Kyoto: Advancing the International Effort Against Climate Change*. Arlington, VA: Pew Center on Global Climate Change, 85-110, with Richard Baron and Laurence Tubiana, 2003.

“Can Annex I Countries Meet Their Emissions Targets at Modest Costs?” *The Kyoto Commitments: Can Nations Meet Them with the Help of Technology?* C.E. Walker, M.A. Bloomfield, M. Thorning, eds. Washington, DC: American Council for Capital Formation, 67-73, 2000.

**Publications – Policy Magazines, Non-Technical Papers, Op-Eds, and Reports:**

“Trade Shifts Pollution More than Regs Shift Trade.” *The Environmental Forum*, Sep/Oct 2018, 52.

“[Why a Minor Change to How EPA Makes Rules Could Radically Reduce Environmental Protection.](#)” *The Conversation*, June 2017; reprinted in the [LA Times](#), [Chicago Tribune](#), [Houston Chronicle](#), [San Francisco Chronicle](#), [Seattle Post-Intelligencer](#), [Business Insider](#), [Idaho Press-Tribune](#), New Haven Register, San Antonio Express-News, Albany Times-Union, Laredo Morning Times, [Plainview Daily Herald](#), and others.

“[Advancing Regulatory Policy to Improve the Lives of the American People.](#)” *The Regulatory Review*, Penn Program on Regulation, 2018.

- [“Consumers’ Response to State Energy Efficient Appliance Rebate Programs.”](#) Cato Institute Research Briefs in Economic Policy No. 101, with Sébastien Houde, 2018.
- [“Real World Policy Headwinds for Trump Climate Change Policy.”](#) *Bulletin of the Atomic Scientists* 73(6): 376-381, 2017.
- “The Political Economy of Carbon Pricing Policy Design.” Harvard Project on Climate Agreements Discussion Paper ES17-7. October 2017.
- “Carbon Price Focal Points and Carbon Markets.” In: R. Stavins and R. Stowe, eds., *Market Mechanisms and the Paris Agreement*, Harvard Project on Climate Agreements, October 2017.
- [“Eliminating U.S. Fossil Fuel Production Subsidies.”](#) Scholars Strategy Network Policy Brief, March 2017.
- [“Energy Market Shock Absorbers: Waiving Environmental Regulations in Response to Fuel Market Disruptions.”](#) Policy Digest, Kleinman Center for Energy Policy University of Pennsylvania, March 2017.
- [“Curbing Climate Change Has a Dollar Value – Here’s How and Why We Measure It.”](#) *The Conversation*, March 2017; reprinted in [U.S. News and World Report](#), [Salon](#), San Francisco Chronicle, Idaho Press-Tribune, [Grist](#), [Bangor Daily News](#), Bozeman Daily Chronicle, and others.
- “The Great Swap.” *Democracy*, with Will Marshall, February 2017.
- [“What Trump Misses about Regulations: They Produce Benefits as Well as Costs.”](#) *The Conversation*, February 2017; reprinted in the San Francisco Chronicle, [Newsweek](#), [Louisville Courier-Journal](#), San Antonio Express-News, [Boston Business Journal](#), [Sacramento Business Journal](#), and others.
- “Transparency, Policy Surveillance, and the Comparison of Mitigation Efforts.” Resources for the Future Discussion Paper 16-46, with William A. Pizer and Keigo Akimoto, November 2016.
- “Long-term Carbon Policy: The Great Swap.” Published by the Progressive Policy Institute. November 2016. <http://www.progressivepolicy.org/wp-content/uploads/2016/11/The-Great-Swap-1.pdf>
- “The Role of Domestic Policy Surveillance in the Multilateral Climate Regime.” In: R. Stavins and R. Stowe, eds., *The Paris Agreement and Beyond: International Climate Change Policy Post-2020*, Harvard Project on Climate Agreements, October 2016.
- “Bilateral Cooperation between China and the United States: Facilitating Progress on Climate Change Policy.” Harvard Project on Climate Agreements and the National Center for Climate Change Strategy and International Cooperation, with Thomas Brewer, Chen Ji,

Fu Sha, Qi Yue, Robert Stavins, Robert Stowe, Wang Pu, Xhang Xiaohua, Zheng Shuang, and Zou Ji, February 2016.

“Comparison and Linkage of Heterogeneous Mitigation Systems in the Paris Regime.” In: International Emissions Trading Association *Making Waves: Greenhouse Gas Market* 2015-2016, with Robert Stowe and Bianca Sylvester, 2015.

“[As the U.S. Heads to Climate Talks, It Seeks a Plan to ‘Trust but Verify.’](#)” *The Conversation*, November 2015; reprinted in *Fortune*, the *Christian Science Monitor*, [chinadialogue.net](#), and other media outlets, translated in [The Conversation Francais](#).

“Need Transparency and Review Mechanisms.” *The Environmental Forum*, Nov/Dec 2015, 48.

“The Road to Paris and Beyond: Comparing Emissions Mitigation Efforts.” *Resources* 189: 18-25, with William A. Pizer, 2015.

“Heterogeneity in the Value of Life.” *VoxEU*, August 14, 2014, with Seamus J. Smyth, <http://www.voxeu.org/article/heterogeneity-value-life>.

“Money for Nothing: The Case for Eliminating U.S. Fossil Fuel Subsidies.” *Resources* 186: 32-37, 2014.

“OMB: Obscurity in Management and Budget?” *Regulation* 36(4): 5-6, with Art Fraas and Randall Lutter, 2014.

“Financial Regulation Sans Analysis.” *Politico* Op-Ed, with Art Fraas and Randall Lutter, June 20, 2012.

“Promoting Clean Energy in the American Power Sector.” The Hamilton Project Discussion paper 2011-04, The Brookings Institution, 2011.

“An Economist’s View of the Oil Spill from Inside the White House.” *Resources* 177: 28-29, 2011.

“Competitiveness Impacts of Climate Change Mitigation Policies.” Arlington, VA: Pew Center on Global Climate Change, with William A. Pizer, 2009.

“The Role of Technology Policies in an International Climate Agreement.” Issue Paper prepared for the Climate Dialogue, September 2-3, Office of the Prime Minister, Copenhagen, Denmark, with Robert N. Stavins, 2008.

“What Is the Role of Carbon Taxes in Climate Change Mitigation?” World Bank PREMnotes, Special Series on The Economics of Climate Change, Number 2, with Eduardo Ley and Ian W.H. Parry, July 2008.

“Economic Incentives in a New Climate Agreement.” Issue Paper prepared for the Climate Dialogue, May 7-8, Office of the Prime Minister, Copenhagen, Denmark, with Robert N. Stavins, 2008.

"Climate Change and Energy Security: Lessons Learned." AICGS Policy Report 35, American Institute for Contemporary German Studies, with Camilla Bausch and Michael Mehling, 2008.

"Forging a Climate Agreement that Works." *Washington Post* PostGlobal Op-Ed, with Robert N. Stavins, December 17, 2007.

"Using Emission Fees to Curb Greenhouse Gases: A Primer." Progressive Policy Institute Policy Memo, 2007.

"The Strategic Petroleum Reserve: A Short-Term Response." *Resources* 163: 19-20, 2006.

"Heating Subsidies Make a Difference in Offsetting Winter Mortality Rates Among the Poor and Elderly." *Resources* 160: 5-6, 2006.

"Designing a Regime for Developing Countries that is Cost-Effective and Equitable." Paper presented at the *Leaders' Summit on Post-Kyoto Architecture: Toward an L20?* Conference, Council on Foreign Relations, New York, NY, September 21, 2004, with Jeffrey A. Frankel.

"Climate Change: An Agenda for Global Collective Action." AEI-Brookings Joint Center on Regulatory Affairs Related Publication, with Peter R. Orszag and Joseph E. Stiglitz, 2001.

*Unit Pricing Programs for Residential Municipal Solid Waste: An Assessment of the Literature.* Report submitted to the Climate Change Division, Office of Policy, Planning, and Evaluation, USEPA, with Miranda, Marie Lynn and Scott D. Bauer, October 1995.

*A Framework for Estimating the Economic Benefits from Reduced Ambient Ozone Welfare Effects Under Alternative Secondary National Ambient Air Quality Standards.* Durham, NC: Nicholas School of the Environment, Duke University. Master's Project, 1995.

**Academic Seminar, Conference, and Workshop Research Presentations:**

Academic Seminar, Harvard University, 2018

Sixth World Congress of Environmental and Resource Economists (three presentations), Gothenburg, Sweden, 2018

The Society for Benefit-Cost Analysis Annual Conference, Washington, DC, 2018

Making Border Carbon Adjustments Work in Law and Practice, The Brookings Institution, Washington, DC, 2018

AERE/American Economic Association, Annual Meeting, Philadelphia, PA, 2018

Academic Seminar, Georgetown University, 2017

Academic Seminar, Harvard Kennedy School, 2017

Strengthening Energy Policy in the Northeast Region, American Academy of Arts & Sciences, Cambridge, MA, 2017

Managing Environmental Risks: Markets, Regulation, and Adaptive Learning, Duke University and the Property and Environment Research Center, Durham, NC, 2017

Strengthening Energy Policy in the Great Lakes Region, American Academy of Arts & Sciences and Ford School of Public Policy, University of Michigan, Ann Arbor, MI, 2017

Harvard/Tufts/BP Climate Policy Workshop, London, 2017  
Market Mechanisms and the Paris Agreement, Research Workshop hosted by the Harvard Project on Climate Agreements, Harvard University, Cambridge, MA, 2017  
Northeast Energy Policy and Environmental Economics Workshop, Dartmouth College, Hanover, NH, 2017  
AERE Summer Conference, Pittsburgh, PA (two talks), 2017  
Economics of Energy Markets Workshop, National Bureau of Economic Research, Washington, DC, 2017  
Carbon Mitigation Initiative Sixteenth Annual Meeting, Princeton University, Princeton, NJ, 2017  
Governing Climate Change: Polycentricity in Action? Workshop, hosted by Inogov and the Netherlands Open University, Heerlen, The Netherlands, 2017  
Durability and Adaptability in Energy Policy Workshop, American Academy of Arts & Sciences, Washington, DC, 2017  
Saving the Planet Cost-Effectively: Ambition, Fairness, and Markets in International Climate Policy, Clough Center on the Study of Constitutional Democracy, Boston College, 2017  
Academic Seminar, University of Pennsylvania, 2016  
Academic Seminar, University College London, 2016  
Academic Seminar, London School of Economics, 2016  
Academic Seminar, University of Oxford, 2016  
Academic Seminar, University of California – Berkeley, 2016  
Academic Seminar, Harvard Kennedy School, 2016  
Academic Seminar, Columbia University, 2016  
Durability and Adaptability in Energy Policy Workshop, American Academy of Arts & Sciences, Washington, DC, 2016 (July)  
International Climate Change Policy after Paris, Research Workshop hosted by the Harvard Project on Climate Agreements, Harvard University, Cambridge, MA 2016  
Implementing the Climate Agreement, XXXIX MIT Global Change Forum, Massachusetts Institute of Technology, Cambridge, MA, 2016  
Moving on from Paris: Implementation Lessons from Social Science, Board on Environmental Change and Society, National Academy of Sciences, Washington, DC, 2016  
Global Voices on Climate Change and the Paris Agreement, Center for Global Energy Policy, Columbia University, New York, NY, 2016  
Energy Policy Tradeoffs between Economic Efficiency and Distributional Equity Conference, National Bureau of Economic Research, Cambridge, MA, 2016  
Environmental and Energy Economics Spring Workshop, National Bureau of Economic Research, Cambridge, MA, 2016  
Economics of Energy Markets Conference, National Bureau of Economic Research, Cambridge, MA, 2016  
Fighting Climate Change with the Paris COP21 Agreement: Treat or Trick?, Jackson Institute for Global Affairs and Center for Study of Globalization, Yale University, New Haven, CT, 2016  
Too Little Too Late? A Discussion of the Effects of the Paris Climate Agreement, University of Pennsylvania Law School, Philadelphia, PA, 2016  
Durability and Adaptability in Energy Policy Workshop, American Academy of Arts & Sciences, Washington, DC, 2016 (February)  
Yale Energy and Environment Day, Yale University, New Haven, CT, 2016  
Academic Seminar, Duke University, 2015  
Academic Seminar, Columbia University, 2015

Academic Seminar, Boston College, 2015  
Academic Seminar, Harvard University, 2015  
Academic Seminar, Harvard Kennedy School, 2015  
Academic Seminar, Environmental Defense Fund, 2015  
National Tax Association Annual Conference, Boston, MA, 2015  
BP/Harvard Kennedy School/Fletcher School Symposium on Energy Policy, Cambridge, MA, 2015  
Addressing Competitiveness and Leakage Concerns in a Carbon Tax: What Are the Options?  
Workshop, Resources for the Future, Washington, DC, 2015  
Kyoto's "Success," Copenhagen's "Failure," and Climate Policy after Paris, Stonehill College,  
Easton, MA, 2015  
Opening Keynote Lecture, Quinto Congreso Nacional de Investigación en Cambio Climático,  
Universidad Nacional Autónoma de México, Mexico City, Mexico 2015  
Lone Mountain Fellowship Seminar, Property & Environment Research Center, Bozeman, MT,  
2015  
Bilateral Cooperation between China and the United States: Facilitating Progress on Climate  
Change Policy, National Center for Climate Strategy and International  
Cooperation/National Development and Reform Commission and the Harvard Project  
on Climate Agreements, Beijing, China, 2015  
AERE Summer Conference, San Diego, CA, 2015  
Inequality and the Economic Analysis of Climate Change Workshop, Center for Law, Economics,  
and Public Policy, Duke University, Durham, NC, 2015  
Comparison and Linkage of Mitigation Efforts in a New Paris Regime, Harvard Project on Climate  
Agreements/International Emissions Trading Association/World Bank, Cambridge, MA,  
2015  
If Fossil Fuel Subsidies Are So Bad, Why Are They So Common? Center on Global Energy Policy,  
Columbia University, New York, NY, 2015  
The Society for Benefit-Cost Analysis Annual Conference (two presentations), Washington, DC,  
2015  
The Future of Children: Climate Change Workshop, Princeton University and the Brookings  
Institution, Princeton, NJ, 2015  
Academic Seminar, Yale University, 2014  
Academic Seminar, Carnegie Mellon University, 2014  
Regulatory Policy Initiative Workshop, Resources for the Future, Washington, DC, 2014  
Enhancing the Transatlantic Trade and Investment Partnership: Reducing Regulatory Barriers  
Conference, George Washington University Regulatory Studies Center, Washington, DC,  
2014  
Workshop on Second Generation Biofuels, Harvard Kennedy School, Cambridge, MA, 2014  
BP/Harvard Kennedy School Symposium on Energy Policy, Cambridge, MA, 2014  
PERC Workshop on Environmental Quality and Human Health, Bozeman, MT, 2014  
World Congress of Environmental and Resource Economists, Istanbul, Turkey, 2014  
Social Cost of Carbon Workshop, Duke University, Durham, NC, 2014  
Spring 2014 Workshop, Center for Energy and Environmental Policy Research, MIT, Cambridge,  
MA, 2014  
AERE/American Economic Association, Annual Meeting, Philadelphia, PA, 2014  
Academic Seminar, Harvard University, 2013  
Academic Seminar, Harvard Kennedy School, 2013  
Workshop on Building Block Strategies for Global Climate Action, NYU Law School, New York,  
2013

BP/Harvard Kennedy School Symposium on Energy, Security, and Climate Policy, Cambridge, MA, 2013

IZA Workshop on Labor Market Effects of Environmental Policies, Institute for the Study of Labor, Bonn, Germany, 2013

Health and Welfare Implications of Taxation and Subsidy Policies to Alter Non-Communicable Disease Risks, Commission on Investing in Health/Harvard Global Health Institute/Disease Control Priorities Project Workshop, Cambridge, MA, 2013

Climate Change Impacts and Integrated Assessment, Energy Modeling Forum Summer Workshop, Snowmass, CO (two presentations), 2013

AERE Summer Conference Sponsored Sessions, Banff, Canada, 2013

Mercator Institute and Harvard Project on Climate Agreements Durban Platform Workshop, Berlin, Germany, 2013

AERE/American Economic Association, Annual Meeting, San Diego, CA (two talks), 2013

Academic Seminar, Harvard Kennedy School, 2012

Academic Seminar, Resources for the Future, 2012

Power Generation and the Environment: Choices and Economic Trade-Offs, University of Wyoming, Jackson Hole, WY, 2012

BP/Harvard Kennedy School Symposium on Energy, Security, and Climate Policy, Cambridge, MA, 2012

Academic Seminar, Massachusetts Institute of Technology, 2011

Academic Seminar, Columbia University, 2011

Academic Seminar, Harvard Kennedy School, 2011

Plenary Address, International Energy Workshop hosted by the Stanford Energy Modeling Forum, Palo Alto, CA, 2011

The Future of Climate Negotiations, Policy Session sponsored by FEEM and Tilburg Sustainability Center, European Association of Environmental and Resource Economists Conference, Rome, Italy, 2011

BP/Harvard Kennedy School Symposium on Energy, Security, and Climate Policy, Cambridge, MA, 2011

Keynote Address, Rigs, Risk, and Responsibility: Conference on the BP Oil Spill, Vanderbilt Law School, Nashville, TN, 2011

Keynote Address, Association of Environmental and Resource Economists (AERE) Summer Workshop, Washington, DC, 2009

Academic Seminar, Harvard Kennedy School, 2008

Academic Seminar, Duke University, 2008

Academic Seminar, Yale University, 2008

Academic Seminar, Tsinghua University, 2008

Academic Seminar, Brookings Institution, 2008

Academic Seminar, International Monetary Fund, 2008

Academic Seminar, The World Bank, 2008

PERC Lone Mountain Forum on Markets for Land and Pollution: Implications for Environmental Justice, Big Sky, Montana, 2008

3<sup>rd</sup> Atlantic Workshop on Energy and Environmental Economics, A Toxa, Spain, 2008

American Economic Association, Annual Meeting, New Orleans, LA, 2008

Academic Seminar, Yale University, 2007

Academic Seminar, University of Minnesota, 2007

Academic Seminar, Triangle Resource and Environmental Economics Seminar (Duke/NC State University/Research Triangle Institute), 2007

Academic Seminar, University of California – Berkeley, 2007  
Academic Seminar, Vanderbilt University, 2007  
Academic Seminar, University of Central Florida, 2007  
Academic Seminar, Carnegie Mellon University, 2007  
PREISM Workshop, Economic Research Service, Washington, DC, 2007  
Plenary Address, International Energy Workshop hosted by the Stanford Energy Modeling Forum, Palo Alto, CA, 2007  
Global Climate Change Research Seminar, Electric Power Research Institute, Washington, DC, 2007  
Forum on Global Climate Strategies Beyond 2012: The Route Ahead, Florence School of Regulation, Madrid, Spain, 2007  
Climate Policy Network, Fifth Meeting, ZEW, Mannheim, Germany (two presentations), 2007  
Great Decisions Lecture Series, University of North Carolina–Wilmington, Wilmington, NC, 2007  
Academic Seminar, University of Kentucky, 2006  
Ecological Society of America, Annual Meeting, Memphis, TN, 2006  
Third World Congress of Environmental and Resource Economists, Kyoto, Japan (two presentations), 2006  
Plenary Address, International Energy Workshop, hosted by the University of Cape Town Energy Research Centre, Cape Town, South Africa (two presentations), 2006  
Economics of Population Health Conference, American Society of Health Economists, Madison, WI, 2006  
Morbidity and Mortality: How Do We Value the Risk of Illness and Death? U.S. Environmental Protection Agency, Washington, DC, 2006  
Academic Seminar, University of Maryland, 2005  
Academic Seminar, Paul H. Nitze School of Advanced International Studies, 2005  
Academic Seminar, Johns Hopkins University, 2005  
Academic Seminar, University of California – Santa Barbara, 2005  
Academic Seminar, University of California – Davis, 2005  
Academic Seminar, Columbia University, 2005  
Academic Seminar, Rice University, 2005  
Academic Seminar, Resources for the Future, 2005  
Academic Seminar, Rand Corporation, 2005  
Academic Seminar, Public Policy Institute of California, 2005  
Colloquium on Socioeconomic Drivers of Greenhouse Gas Emissions, U.S. Environmental Protection Agency and World Resources Institute, Washington, DC, 2005  
Heartland Environmental and Resource Economics Workshop, Iowa State University, Ames, IA, 2005  
Academic Seminar, Stanford University, 2004  
Academic Seminar, University of Texas at Austin, 2004  
Academic Seminar, Harvard University, 2004  
International Energy Workshop, hosted by the International Energy Agency, Paris, France, 2004  
Association of Environmental and Resource Economists (AERE) Summer Workshop, Estes Park, CO, 2004  
AERE/American Economic Association Meeting, San Diego, CA (two talks), 2004  
Roundtable Discussion on Benefit-Cost Analysis, Harvard Law School and Harvard Center for Risk Analysis, Cambridge, MA, 2004

**Academic Conference Paper Discussant:**

Northeast Workshop on Energy Policy and Environmental Economics, Columbia University, New York, 2018  
 The Society for Benefit-Cost Analysis Annual Conference, Washington, DC, 2018  
 Governing Climate Change: Polycentricity in Action? Workshop, hosted by Inogov and the Netherlands Open University, Heerlen, The Netherlands, 2017  
 American Economic Association, Annual Meeting, Boston, MA, 2015  
 National Bureau of Economic Research Summer Institute, Urban Economics Workshop, Cambridge, MA, 2014  
 National Bureau of Economic Research Summer Institute, Environmental and Energy Economics Workshop, Cambridge, MA, 2014  
 World Congress of Environmental and Resource Economists, Istanbul, Turkey, 2014  
 Human Adaptation to Climate Change, Lone Mountain Forum, Bozeman, MT, 2011  
 Climate Change, Trade, and Competitiveness Conference, Brookings Institution, Washington, DC, 2008  
 American Economic Association, Annual Meeting, New Orleans, LA, 2008  
 AERE/American Economic Association, Annual Meeting, New Orleans, LA 2008  
 National Bureau of Economic Research Summer Institute, Environment and Public Policy Session, Cambridge, MA, 2007  
 POWER Conference on Electricity Industry Restructuring, UC-Berkeley, Berkeley, CA, 2007  
*Strategic Options for Bush Administration Climate Policy* Book Forum, American Enterprise Institute, Washington, DC 2006  
 Invasive Species Management: 2006 PREISM Workshop, USDA Economic Research Service, Washington, DC, 2006  
 Economics of Climate Change: Understanding Trans-Atlantic Differences Workshop, Resources for the Future and the British Embassy, Washington, DC, 2006  
 Climate Policy Network Workshop, Cambridge, MA, 2006  
 Workshop on Voluntary Programs, Resources for the Future, Washington, DC, 2005

**Conference, Workshop, and Invited Policy Presentations:**

Achieving Significant Emissions Reductions with Carbon Pricing Policy, Listening Sessions on Next Generation of Climate Policy, Partnership for Responsible Growth/National Wildlife Federation/Pew Charitable Trusts, Washington, DC, 2018  
 Dialogue on Next Generation of Climate Policy, Partnership for Responsible Growth/National Wildlife Federation/Pew Charitable Trusts, Washington, DC, 2018  
 Can Regulation Learn from Disaster? Lessons from Oil Spills, Nuclear Accidents, and Financial Crises, Rethinking Regulation Program at the Kenan Institute for Ethics, Duke University, Washington, DC, 2018  
 Carbon Pricing Policy Design, Side Event, UN Framework Convention on Climate Change Conference of the Parties, Bonn, Germany, 2017  
 New Developments in Regulatory Benefit-Cost Analysis Symposium, Society for Benefit-Cost Analysis/Administrative Conference of the United States, George Washington University, Washington, DC, 2017  
 20<sup>th</sup> Energy and Climate Research Seminar, Electric Power Research Institute, Washington, DC, 2017

Federal Energy Related Tax Policy and Its Effects on Markets, Prices, and Consumers, Hearing before the Energy Subcommittee of the Energy and Commerce Committee, U.S. House of Representatives, Washington, DC, 2017

Is There Deal Space for Carbon Pricing in 2017?, The Hoover Institution, Washington, DC, 2017

Long-term Carbon Pricing Policy: The Great Swap, Energy and Climate: The Art of the Deal? Event, Progressive Policy Institute, Washington, DC, 2016

The Paris Agreement's Transparency Framework: A Building Block for Enhanced Mitigation, Side Event, UN Framework Convention on Climate Change Conference of the Parties, Marrakech, Morocco, 2016

Transparency, Policy Surveillance, and the Comparison of Mitigation Effort, Side Event, UN Framework Convention on Climate Change Conference of the Parties, Marrakech, Morocco, 2016

Urban Policies to Implement and Finance Nationally Determined Contributions under the Paris Agreement, Side Event, UN Framework Convention on Climate Change Conference of the Parties, Marrakech, Morocco, 2016

Online Debate: COP21 – Results and Perspectives, Florence School of Regulation/European Union Institute, 2015

Merits and Challenges of Declining Discount Rates, Workshop on Discounting the Future, Council of Economic Advisers, Executive Office of the President, Washington, DC, 2015

Climate Change Series: Next Steps for Intended Nationally Determined Contributions (INDCs), Center for Strategic and International Studies, Washington, DC, 2015

Retrospective Review Workshop, Administrative Conference of the United States, Washington, DC, 2015

Fuel Subsidy Reform Workshop, Council on Foreign Relations, Washington, DC, 2015

The U.S.-China Dialogue on the Global Economic Order, Center for Strategic and International Studies and Shanghai Institutes for International Studies, Washington, DC, 2015

Looking Ahead toward Paris: International Perspectives on National Commitments (two talks), MISTRA Indigo/Embassy of Sweden/Resources for the Future, Washington, DC, 2015

Workshop on the Analysis and Management of Energy and Environmental Policy, Harvard Kennedy School and the Enel Foundation, Cambridge, MA, 2015

Effective Frameworks and Measures for Climate Change – Way to COP21, ALPS International Symposium, Research Institute of Innovative Technology for the Earth and Ministry of Economy, Trade, and Industry, Tokyo, Japan, 2015

Paris 2015: The Process and Substance of the Negotiations, Center for Strategic and International Studies, Washington, DC, 2015

Toward a Global Climate Agreement: Comparing Countries' Levels of Effort, Resources for the Future, Washington, DC, 2015

New Methods for Comparing Mitigation Effort, Side Event, UN Framework Convention on Climate Change Conference of the Parties, Lima, Peru, 2014

Retrospective Review of Agency Rules, 61<sup>st</sup> Plenary Session, Administrative Conference of the United States, Washington, DC, 2014

Evolving Approaches for Valuing the Benefits of Consumer Protection Regulations Workshop, Consumer Financial Protection Bureau, Washington, DC, 2014

Retrospective Review of Agency Rules, Meeting of the Council of Independent Regulatory Agencies, hosted by the Administrative Conference of the United States, Washington, DC, 2014

Energy Policy: Looking Back, Looking Forward, Center for Strategic International Studies, Washington, DC, 2014

Accelerating the Transition to a Clean Energy Economy, hosted by Environmental Entrepreneurs, Boston, MA, 2014

Pricing Carbon, Babson College, Wellesley, MA, 2013

Energy: From the Last to the Next 150 Years, Sesquicentennial Symposium, Boston College, Boston, 2013

Expanded Natural Gas Production: Impacts on New Pathways for Climate Change Mitigation, Bipartisan Policy Center Series on the New Geopolitics of Petroleum and Natural Gas, Washington, DC, 2013

The Green Agenda: Electricity and the Environment, Harvard Electricity Policy Group 72<sup>nd</sup> Plenary Session, Cambridge, 2013

Understanding Regulation's Impact on Employment, Workshop Hosted by the Penn Program on Regulation, Washington, DC, 2013

Briefing on the Results of the New Stanford Energy Modeling Forum Studies on U.S. and International Climate Policies, Architectures, and Technological Change, Washington, DC, 2013

Keynote Address, Innovation in Electricity: Challenges and Opportunities, HBS Business and Environment Conference, Cambridge, MA, 2013

15 Ways to Rethink the Federal Budget: Addressing Entitlements, Taxation, and Revenues, The Hamilton Project, The Brookings Institution, Washington, DC, 2013

Comprehensive Tax Reform and Climate Policy, Resources for the Future, Washington, DC, 2013

The Economics of Carbon Taxes Conference, American Enterprise Institute, Washington, DC, 2012

Presidential Energy Debate (Obama Campaign Surrogate), MIT Energy Initiative, Cambridge, 2012

Track 1.5 Meeting of U.S. and Chinese Experts on International Climate Policy, Hosted by the Department of State and the National Development and Reform Commission, Chicago, 2012

Harvard Thinks Green 2, Harvard University, Cambridge, 2012

Keynote Address, The Canada We Want in 2020 – Squaring the Carbon Circle, Canada2020, Ottawa, Canada, 2012

Evaluating Progress on the Climate Front, XXXIII MIT Global Change Forum, Arlington, VA, 2012

Institute of Politics 20<sup>th</sup> Bipartisan Program for Newly Elected Members of Congress, Cambridge, MA, 2012

Fiscal Reform and Climate Protection: Considering a U.S. Carbon Tax, Peterson Institute for International Economics and Resources for the Future, Washington, DC, 2011

Energy in a Carbon-Constrained World, Expogestion, Bogota, Colombia, 2011

A Federal Clean Energy Standard: Understanding Important Policy Elements, Resources for the Future, Washington, DC, 2011

Alternative Approaches to Climate Change, Aspen Energy Policy Forum, Aspen Institute, Aspen, CO, 2011

A Cleaner Way to Power? Briefing hosted by the Subcommittee on Energy and Power, Energy and Commerce Committee, U.S. House of Representatives, Washington, DC, 2011

U.S. and International Climate Change Policy Outlook, EPRI Global Climate Change Research Seminar, Washington, DC, 2011

U.S. Climate Change Policy Outlook, GTSP Annual Meeting: The Role of Technology in Addressing Climate Change, Washington, DC, 2011

State-Level Climate Policies: Lessons for National Efforts, Georgetown University Conference on Environmental Federalism: Current Issues and opportunities, Washington, DC, 2011

Promoting Clean Energy in the American Power Sector, America's Energy Future: New Solutions to Fuel Economic Growth and Prosperity, The Hamilton Project, Washington, DC, 2011

Confronting Domestic and Global Climate Strategies, XXXI MIT Global Change Forum, Brussels, Belgium, 2010

Keynote Address, Estimating Employment Impacts of Energy and Environmental Policies and Programs: Lessons Learned and Future Directions, Nicholas Institute for Environmental Policy Solutions Workshop, Washington, DC, 2010

Keynote Address, The Unconventional Gas Revolution – Policy, Strategic, and Market Implications, Washington Energy Policy Conference, National Capital Area Chapter, U.S. Association for Energy Economics, Washington, DC, 2010

Keynote Address, U.S. Climate Policy and Its Role in Financing REDD+. Forest Carbon Finance Summit 2010, Harvard Law School/Nicholas Institute/World Wildlife Fund, Washington, DC, 2010

Keynote Address, Board of Directors Dinner, Resources for the Future, Washington, DC, 2009

The Right Climate for Agreement: Designing the Post-2012 World, Bruegel, Brussels, Belgium, 2008

An Environmental Agenda for the Next Administration, Environmental Law and Policy Program Conference, University of Michigan, Ann Arbor, MI, 2008

From Kyoto to Copenhagen: How Can the U.S. Lead on Climate Change, Progressive Policy Institute, Washington, DC, 2008

Potential for a Global Carbon Market, Carbon Markets USA Conference, Washington, DC, 2008

The Climate Dialogue hosted by Prime Minister Rasmussen, Copenhagen, Denmark, 2008

Business Environmental Leaders Council Annual Meeting, Pew Center on Global Climate Change, Washington, DC, 2008

ZEW Wirtschaftsforum, Mannheim, Germany, 2008

Addressing Climate Change: A Discussion of Policy Options Workshop, Georgetown Center for Business and Public Policy and the U.S. Climate Task Force, Washington, DC, 2008

Architectures for Agreement: Addressing Global Climate Change in the Post-Kyoto World, Briefing for United Nations Secretary-General Ban Ki-moon, United Nations, New York, NY, 2008

Post-2012 International Climate Policy Architecture for Global Climate Change Workshop, Fondazione Eni Enrico Mattei, Venice, Italy, 2008

Climate Change, Growth, and Poverty Session, PREM Conference: Inclusive and Sustainable Growth, The World Bank, Washington, DC, 2008

Architectures for Agreement: Issues and Options for Post-2012 International Climate Policy, The Future of Climate Change: A Policy Preview Workshop hosted by Resources for the Future, San Francisco, CA, 2008

International Climate Policy Seminar, Chinese Academy of Social Sciences, Beijing, China, 2008

International Climate Policy Seminar, Energy Research Institute, National Development and Reform Commission, Beijing, China, 2008

International Climate Policy Seminar, Foreign Correspondents' Club of Japan, Tokyo, Japan, 2008

International Climate Policy Seminar, 21st Century Public Policy Institute/Keidenran Workshop, Tokyo, Japan, 2008

Value of a Statistical Life Workshop, Department of Homeland Security, Washington, DC, 2008

Global Roundtable on Climate Change, Earth Institute, Columbia University, New York, 2008

What Price Energy Transformation: The Economics of Energy and Climate Change Seminar, hosted by the German Marshall Fund and EcoLogic, Washington, DC, 2008

Domestic Climate Change Policy, Energy Policy Standing Committee, U.S. Conference of Mayors Winter Meeting, Washington, DC, 2008

A Global Response to Climate Change, Presentation and Panel Discussion hosted by the Asia Society and the UN Foundation, New York, 2008

Official Side Event, UN Framework Convention on Climate Change Conference of the Parties, Nusa Dua, Bali, Indonesia, 2007

Climate Change Policy and Employment, Rockefeller Foundation Policy Impact Forum, presentations and briefings of representatives of six presidential campaigns, 2007

The Road From Bali: Strategies for Post-Kyoto Global Climate Policy, Staff Briefing on UN Climate Change Conference in Bali hosted by the Select Committee on Energy Independence and Global Warming, Washington, DC, 2007

Rethinking Climate Policy Workshop, AEI-Brookings Joint Center on Regulatory Studies, Washington, DC, 2007

Strategies for Post-2012 Global Climate Policy, Roundtable Conversation at The Centre, Brussels, Belgium, 2007

Federal Climate Policy – Design Principles and Remaining Needs Workshop, American Meteorological Society, Washington, DC, 2007

Carbon Tax vs. Cap-and-Trade, Energy Tax Workshop, McDermott, Will, and Emery LLP, Washington, DC, 2007

The Road from Bali to Copenhagen, Brookings Institution Energy Security Roundtable, Washington, DC, 2007

New Directions in Regulatory Policy, Mossavar-Rahmani Center for Business and Government, John F. Kennedy School of Government, Cambridge, MA, 2007

Kyoto at 10: What's Next for International Climate Change Policy, Breakfast Briefing for Business Community hosted by Harvard University and Resources for the Future, New York, NY 2007

Strategies for Post-Kyoto Global Climate Policy Briefing, Resources for the Future, Washington, DC 2007

Laboratory Energy R&D Working Group Meeting, Department of Energy, Washington, DC, 2007

Economics of Climate Change Briefing for Democratic Budget Group, U.S. House of Representatives, 2007

U.S. Climate Policy Forum, Resources for the Future, Washington, DC, 2007

Council of Industrial Boiler Owners Environmental Committee Meeting, Washington, DC, 2007

*The Stern Review* and the Economic Analysis of Climate Change, Resources for the Future, Washington, DC, 2007

Global Energy and Climate Change Policy and Research Symposium, UCLA Institute of Transportation Studies and UCLA Public Policy School, Lake Arrowhead, CA, 2006

Global Dialogue on Natural Resources, Center for Strategic and International Studies and The Dialogue–UAE, Washington, DC, 2006

Taking Measure of U.S. Energy Policy: A Review of the Energy Policy Act of 2005, Resources for the Future, Washington, DC, 2005

NCEP Climate Workshop Series: Design-Issues in Market-Based GHG Reduction Strategies, National Commission on Energy Policy, Washington, DC, 2005

Leaders' Summit on Post-Kyoto Architecture: Toward an L20?, Council on Foreign Relations, New York, NY, 2004

Beyond Kyoto: Advancing the International Effort Against Climate Change Workshop, Pew Center on Global Climate Change, Cocoyoc, Mexico, 2003

**Conference and Workshop Panelist:**

Presidential Panel on Climate Change, Harvard University, Cambridge, MA 2015  
 MIT Energy Conference, Cambridge, MA, 2013  
 American Economic Association, Annual Meeting, Chicago, IL, 2012  
 Innovative International REDD+ Partnerships Panel, High-Level Forest Climate Side Event,  
 Avoided Deforestation Partners, COP-16, Cancun, Mexico, 2010  
 Strategies for Low-Carbon Growth: Challenges and Opportunities in International Finance,  
 Resources for the Future Side Event, COP-16, Cancun, Mexico, 2010  
 The Road to and from Cancun, XXXI MIT Global Change Forum, Brussels, Belgium, 2010  
 White, Blue, and Green Jobs Report Session, *National Journal* Workforce of the Future  
 Conference, Washington, DC, 2010  
 Design and Implementation of U.S. Climate Policy Conference, National Bureau of Economic  
 Research, Washington, DC, 2010  
 U.S. Climate Change Policy: What's Next After Copenhagen? 2010 Energy Conference: Short-  
 Term Stresses, Long-Term Change. U.S. Energy Information Administration Annual  
 Conference, Washington, DC, 2010  
 Environmental and Energy Economics Workshop, National Bureau of Economic Research  
 Summer Institute, Cambridge, MA, 2009  
 Greenhouse Gas Emissions: What's Next? 2009 Energy Conference: A New Climate for Energy?  
 U.S. Energy Information Administration Annual Conference, Washington, DC, 2009  
 Containing Climate Change: Beyond Kyoto, Milken Institute Global Conference, Beverly Hills, CA,  
 2008  
 Science & Society: Grand Challenges – Climate Change, AAAS Symposium, Washington, DC, 2007

**Seminar Organizer/Host and Conference Session Moderator/Facilitator/Host:**

Regulatory Policy Seminar, Harvard Kennedy School, 2011-present  
 Faculty Lunch Seminar, Harvard Kennedy School, 2016  
 Academic Seminar, Resources for the Future, 2006-2008  
 AERE/American Economic Association, Annual Meeting, Philadelphia, 2018  
 Nudging Toward a Cleaner Future, Harvard Kennedy School, 2016  
 National Tax Association Annual Conference, Boston, MA, 2015  
 The Future of Low-Carbon Road Transport: What Role for Second-Generation Biofuels? Harvard  
 Kennedy School, Dearborn, MI, 2015  
*Climate Shock*, a Book Event Conversation with Gernot Wagner, Columbia University Center for  
 Global Energy Policy, New York, NY, 2015  
 The Society for Benefit-Cost Analysis Annual Conference, Washington, DC, 2015  
 AERE/American Economic Association, Annual Meeting, Philadelphia, 2014  
 Plenary Address by Commissioner Connie Hedegaard, European Conference at Harvard  
 University, Boston, MA, 2013  
 MIT Energy Conference, Boston, MA, 2012  
 GreenGov Symposium, Council on Environmental Quality, Washington, DC, 2010  
 International Energy Workshop hosted by the International Energy Agency, Paris, France, 2008  
 Post-2012 International Climate Policy Architecture for Global Climate Change Workshop,  
 Fondazione Eni Enrico Mattei, Venice, Italy, 2008  
 International Energy Workshop hosted by the Stanford Energy Modeling Forum, Palo Alto, CA,  
 2007

Third World Congress of Environmental and Resource Economists, Kyoto, Japan, 2006  
International Energy Workshop hosted by the University of Cape Town Energy Research Centre,  
Cape Town, South Africa, 2006

**Testimonies:**

Federal Energy Related Tax Policy and Its Effects on Markets, Prices, and Consumers, Hearing  
before the Energy Subcommittee of the Energy and Commerce Committee, U.S. House  
of Representatives, Washington, DC, 2017  
China's Energy Policies and Environmental Impacts, Hearing before the U.S.-China Economic and  
Security Review Commission, Washington, DC, 2008  
Economic Implications of Climate Policy, North Carolina Legislative Commission on Global  
Climate Change, Raleigh, NC, 2006

**Commencement Addresses:**

Nicholas School of the Environment, Duke University, Durham, NC, 2010  
The Lexington School, Lexington, KY, 2010

**Media – Interviews:**

U.S. Nixes G20 Climate Finance Declaration, *Living on Earth*, Public Radio International, 2017  
(radio)  
Breaking Down Clinton's Climate Approach, *Living on Earth*, Public Radio International, 2016  
(radio)  
Renewable Energy Boosted in Federal Budget Compromise, *Living on Earth*, Public Radio  
International, 2016 (radio)  
Energy Policy in the New Year, *Living on Earth*, Public Radio International, 2015 (radio)  
Why the Job Market Actually Improved after the BP Oil Spill, *Washington Post*, 2014 (transcript  
of interview; press)  
Fossil Fuel Subsidies under Fire, *Living on Earth*, Public Radio International, 2013 (radio)  
Saving Money with Environmental Regulation, *Living on Earth*, Public Radio International, 2013  
(radio)  
U.S. Fossil Fuel Subsidies, *Commodities*, Business News Network (Canada), 2013 (TV)  
The Economics of a Carbon Tax, *Living on Earth*, Public Radio International, 2012 (radio)  
Energy and Climate Policy, *Power and Politics*, CBC (Canada), 2012 (TV)  
On the U.S. Energy Debate, 92<sup>nd</sup> Street Y (and [Huffington Post](#)), 2012 (TV)  
America 2021: What Next on Climate? *Democracy: A Journal of Ideas* 21: 40-58, 2011 (transcript  
of roundtable conversation; press)  
Q&A Joe Aldy: Climate Legislation Must Be Kept Simple. *Nature* 470: 451, 2011 (press)  
Future of U.S. Climate Policy, *BBC World News*, BBC Radio, 2008 (radio)  
Climate Policy, *Dialogue*, CCTV-9 (China state-run English language TV network), 2008 (TV)

**Media – Op-Eds:**

Subsidies in the Wrong Places Skew Renewable Energy's Power, *New York Times* Room for  
Debate, May 3, 2016

Roundtable: How Should UN Climate Talks "Ratchet" Up Emissions Cuts?, *ChinaDialogue.net*, December 12, 2015  
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#### *International Climate Change Policy*

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#### *Energy Policy*

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Reps for Obama, Romney, Debate Energy and Climate, *Nature News Blog*, October 6, 2012  
Obama Returns to Iowa as Lead Slips in State, *National Journal Daily*, August 31, 2012  
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The Revival of Big Red, *National Journal Daily*, May 31, 2012  
Risky Business, *National Journal Daily*, September 21, 2011  
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The Price is *Not* Right, *National Journal*, March 19, 2011  
U.S. Pushes, but Reactors Are Lagging, *New York Times*, January 31, 2011  
Gulf Region Eyes Recovery as Oil Spill Losses Mount, *USA Today*, September 20, 2010  
Obama Aide Urges Listing of Gas-Drilling Chemicals, *Reuters*, March 10, 2010

### *Mortality Risk Valuation*

Cosmic Markdown: EPA Says Life Is Worth Less, *Washington Post*, July 19, 2008

### **Teaching Experience:**

**Assistant Professor of Public Policy / Associate Professor of Public Policy**

API-102, Economic Analysis of Public Policy, Harvard Kennedy School, 2011–2014, 2016-2018

API-164, Energy Policy Analysis, Harvard Kennedy School, 2012–2014, 2016-2018

**Adjunct Assistant Professor/Lecturer**

ECON 275, Environmental Economics, Georgetown University, 2007, 2008

PPOL 727, Economics of Climate Change, Georgetown Public Policy Institute, 2008

440-632, Benefit-Cost Analysis, Johns Hopkins University, 2007

**Executive Education/Short Course Instruction**

Climate Change and Energy: Policy Making for the Long Term – Climate Policy and Energy

Innovation Lectures (1 day), Harvard Kennedy School, 2016-2017

Berkeley Grad Camp – Economics of Climate Policy Lecture (half day), 2016

Short Course on International Economics of Climate Change (2 days), Sherman Kent School for Intelligence Analysis, 2008, 2011, 2013, 2014

**Guest Lecturer**

Harvard Kennedy School (2011, 2013, 2015, 2016, 2017), Harvard Business School (2011, 2012, 2013, 2014, 2015, 2016, 2017), University of Pennsylvania (2016), Columbia University (2011, 2014, 2015), Carnegie Mellon University (2009, 2010, 2011, 2014), Harvard Law School (2004, 2011), Massachusetts Institute of Technology (2011), Yale University (2007), ALI-ABA Climate Change and the Law Short Course (2007, 2008), Johns Hopkins University (2006), Howard University (2005), Princeton University (1999), Duke University (1998)

**Teaching Fellow/Teaching Assistant**

EC 970, Economics of Climate Change, Sophomore Tutorial, Harvard University, 2002, 2003

EC 1410, Public Economics, Harvard University, 2003

EC 1010a, Intermediate Microeconomics, Harvard University, 2001

ENV 270, Resource and Environmental Economics, Nicholas School of the Environment, 1994

ENV 101, Introduction to Environmental Science and Policy, Duke University, 1994, 1995 (Head TA)

**Journal Referee:**

American Economic Journal – Applied Economics, American Economic Journal – Economic Policy, American Economic Review, American Journal of Health Economics, B.E. Journals in Economic Analysis & Policy, Climate Policy, Climatic Change, Ecological Economics, Economics, Economics of Energy and Environmental Policy, Economics Letters, Energy Economics, Energy Policy, Environment and Development Economics, Environmental Forum, Environmental and Resource Economics, European Economic Review, European Journal of Health Economics, Foundations and Trends in Microeconomics, Global Environmental Change, Global Environmental Politics, International Economic Review, International Environmental Agreements, Journal of the Association of Environmental and Resource Economics, Journal of Benefit-Cost Analysis, Journal of Economic Theory, Journal of Environment and Development, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Health Economics, Journal of Human Resources, Journal of Legal Analysis, Journal of Policy Analysis and Management, Journal of Political Economy, Journal of Public Administration

Research and Theory, Journal of Public Economics, Journal of Risk and Uncertainty, Milbank Quarterly, Nature, Nature Climate Change, Nature Communications, Nature Energy, Nature Sustainability, Proceedings of the National Academy of Sciences, Quarterly Journal of Economics, Resource and Energy Economics, Review of Economic Studies, Review of Environmental Economics and Policy, Review of Policy Research, Science, Southern Economic Journal, The Energy Journal, Water Resources Research

**Reviewer:**

Academic Press:

Cambridge University Press

Columbia University Press

Oxford University Press

Routledge

The Handbook of Environmental Economics, Volume IV

Government:

Council of Economic Advisers

Department of Energy

Department of Health and Human Services

Department of Transportation

Environmental Protection Agency

National Research Council

National Science Foundation

Office of Management and Budget

U.S. Carbon Cycle Science Steering Group

U.S. Global Change Research Program

Intergovernmental Organization:

Intergovernmental Panel on Climate Change

International Monetary Fund

World Bank

Foundation:

Alfred P. Sloan Foundation

Smith Richardson Foundation

NGO/Research Center:

Brookings Institution

Center on Global Energy Policy

Council on Foreign Relations

Environmental Defense Fund

Pew Center on Global Climate Change

World Resources Institute

World Wildlife Fund

Conferences and Workshops:

World Congress of Environmental and Resource Economists, 2018

National Tax Association Annual Conference, 2017  
World Congress of Environmental and Resource Economists, 2014  
International Energy Workshop, 2006-2008  
*Frontiers of Environmental Economics* Conference, 2007

**Fellowships:**

Switzer Fellowship Program, 2015  
Joseph Crump Fellowship Program, 2013-2016  
Harvard Environmental Economics Program Student Prizes, 2013, 2016  
Morris K. Udall Foundation Dissertation Fellowship Competition, 2007, 2008

**Member:**

American Economic Association  
Association of Environmental and Resource Economists  
International Association for Energy Economics  
Society of Benefit-Cost Analysis

**Other Professional Activities:**

Organizer and Host, Regulatory Policy Seminar, Mossavar-Rahmani Center for Business and Government, Harvard Kennedy School, 2011-present  
Co-Organizer and Program Committee Member, *Frontiers of Environmental Economics* Conference, Resources for the Future, Washington, DC, 2007  
Organizer and Host, RFF Academic Seminar Series, 2006-2008  
Member, Government Accountability Office Expert Panel on Greenhouse Gas Emissions Trading, organized by National Academy of Sciences, 2008  
Member, Government Accountability Office Expert Panel on Climate Change Economics, organized by National Academy of Sciences, 2007  
Member, Government Accountability Office Expert Panel on the Strategic Petroleum Reserve, organized by National Academy of Sciences, 2006  
Advisor, Progressive Policy Institute Energy and Environment Project, 2006-2008  
Contributor, *ClimatePolicy* blog, [www.climatepolicy.org](http://www.climatepolicy.org), sponsored by AMS, 2007

**Consulting Experience:**

Administrative Conference of the United States, American Economic Association, Boston College, Cambridge University Press, Canada2020, Cato Institute, Center for American Progress, Center for Disease Dynamics Economics and Policy, Chevron, Council on Foreign Relations, Duke University, Electric Power Research Institute, ExpoGestion 2011, Fondation pour les Etudes et Recherches sur le Développement International, Garten Rothkopf, GEMCLIME, Harvard Kennedy School, Health Canada, Hewlett Foundation, International Monetary Fund, Journal of Political Economy, Massachusetts Institute of Technology, Moore Foundation, NERA, Office of the Prime Minister of Denmark, Government of Qatar, Pew Center on Global Climate Change, Princeton University, Progressive Policy Institute, Property & Environment Research Center, Research Institute of Innovative Technology for the Earth, Resources for the Future, Rockefeller Foundation, SAIC/LEIDOS, Alfred P. Sloan Foundation, Smith Richardson Foundation, Stonehill College, The Hamilton Project, Udall Foundation, U.S. Department of Energy, U.S. Department of

Health and Human Services, U.S. Department of Homeland Security, U.S. Environmental Protection Agency, University of Pennsylvania, University of North Carolina–Wilmington, Vanderbilt University, World Bank, World Wildlife Fund–United States

**Graduate School Advisors:**

David Cutler (Harvard University)  
Caroline Hoxby (Stanford University, formerly Harvard University)  
Robert N. Stavins (Harvard Kennedy School)  
W. Kip Viscusi (Vanderbilt University; formerly Harvard Law School)

**Doctoral Advising – Dissertation Committees:**

Gabriel A.S. Chan, Assistant Professor, Humphrey School of Public Affairs, University of Minnesota (graduated 2015)  
Sabrina T. Howell, Assistant Professor, Department of Finance, NYU Stern School of Business (2015)  
Richard L. Sweeney, Assistant Professor, Department of Economics, Boston College (2015)  
Samuel Stolper, Assistant Professor, School of Natural Resource and the Environment, University of Michigan (2016)  
Trisha Shrum, Post-Doctoral Researcher, University of Colorado (2016)  
Jisung Park, Assistant Professor, School of Public Policy and School of Public Health, University of California – Los Angeles (2017)  
Cuicui Chen (expected graduation 2018)  
Todd Gerarden (expected graduation 2018)