Ted Gayer

The Brookings Institution 1775 Massachusetts Avenue, NW Washington, DC 20036-2103 (202) 797-6230 tgaver@brookings.edu

As of September 23, 2019

Employment

Vice President and Director of Economic Studies Program and Joseph A. Pechman Senior Fellow, Brookings Institution, August 2013-.

Co-Director of Economic Studies Program and Joseph A. Pechman Senior Fellow, Brookings Institution, September 2009-August 2013.

Associate Professor of Public Policy, Georgetown University, June 2004-August 2009.

Deputy Assistant Secretary, Office of Economic Policy (Microeconomic Analysis), Department of the Treasury, July 2007-July 2008.

Adjunct Fellow, Public Policy Institute of California (PPIC), 2007-2009.

Visiting Fellow, Public Policy Institute of California (PPIC), September 2006-June 2007.

Lone Mountain Fellow, Property and Environment Research Center (PERC), Summer 2006.

Adjunct Scholar, American Enterprise Institute, 2006-2007.

Visiting Scholar, American Enterprise Institute, July 2004-July 2006.

Senior Economist, President's Council of Economic Advisers, July 2003-July 2004.

Robert Wood Johnson Scholar, University of California at Berkeley, July 1999-July 2001.

Assistant Professor of Public Policy, Georgetown University, August 1997-June 2004.

Affiliations and External Activities

Consultant and Author, "A Primer on Market-Oriented Climate Policy," Alliance for Market Solutions, 2016.

Member, Advisory Council, The Hamilton Project, 2010-.

Consultant, Stoel Rives LLP, 2015.

Expert Evaluator for Natural Resources Management Indicator, Millennium Challenge Corporation, Appointed 2005.

Member, U.S. EPA's Superfund Benefits Analysis Advisory Committee, Appointed 2005.

Member, U.S. EPA's Science Advisory Board Environmental Economics Advisory Committee, 2004-2009.

Consultant, Analysis Group, 2009.

Education

Ph.D. Economics, Duke University, Durham, North Carolina, 1997.

M.A. Economics, Duke University, Durham, North Carolina, 1993.

B.A. Mathematics/Economics, Emory University, Atlanta, Georgia, 1992.

Academic Honors and Grants

"Tax-exempt Municipal Bonds and the Financing of Professional Sports Facilities," Laura and John Arnold Foundation, March 13, 2014 – March 31, 2016.

"Evaluations of the First-Time Homebuyer Tax Credit and the Cash for Clunkers Program," with Karen Dynan, MacArthur Foundation, September 1, 2010 – March 1, 2012.

"The Effects of the Endangered Species Act on Economic Development," with Michael Greenstone, Smith Richardson Foundation: Grant #2006-6082, December 1, 2006 – 2008.

Secretary of the Treasury's Honor Award, July 2008.

Georgetown University Summer Academic Grant, 2003.

Georgetown University Junior Faculty Research Fellowship, Fall 2002.

Georgetown University Summer Academic Grant, 1999.

Georgetown University Summer Academic Grant, 1998.

Alfred P. Sloan Doctoral Dissertation Fellowship, 1995-1996.

Duke University Departmental Scholarship, 1992-1995.

Duke University Summer Fellowship, 1993.

Joseph J. Spengler Fellowship, Duke University, 1992-1993.

Lewis Greenhut Prize in Economics, Emory University, 1992.

Graduated Magna Cum Laude, Thesis Title: "Mappings on the Cantor Set and the Interval [a,b]," Emory University, 1992.

Books

Public Finance, by Harvey S. Rosen and Ted Gayer, 2007, 2009, 2014, McGraw-Hill Irwin. Also published in Korean as JaeJung Hak, McGraw-Hill, 2007, 2011; in Croatian as Javne Financije, 2010; in Italian as Scienza delle Finanze, McGraw-Hill, 2010, 2014; in Greek as Tomos A Demosia Oikonomike, McGraw-Hill, 2009; in Serbian as Javne Finansije, CUGURA Print, Beograd, 2009; in Chinese as Cai Zheng Xue, McGraw-Hill, 2009, 2015; in Spanish as Hacienda Pública, McGraw-Hill, 2014; in Portuguese as Finanças públicas, 2015; in Romanian as Finante publice, McGraw-Hill, 2008.

Classics in Risk Management, edited by W. Kip Viscusi and Ted Gayer (2 volume set), Cheltenham, UK: Edward Elgar Publishing, Summer 2004.

Articles and Book Chapters

"Tax-exempt Municipal Bonds and the Financing of Professional Sports Stadiums," *National Tax Journal* (Forthcoming), by Austin J. Drukker, Ted Gayer, and Alexander K. Gold.

"Evaluating the Trump Administration's Regulatory Reform Program," Brookings Institution, by Ted Gayer, Robert Litan, and Philip Wallach, October 2017.

"Tax-Exempt Municipal Bonds and the Financing of Professional Sports Stadiums," Brookings Institution, by Ted Gayer, Austin J. Drukker, and Alexander K. Gold, September 2016.

"Regulatory Equilibrium." In *Achieving Regulatory Excellence*, Cary Coglianese, editor, Brookings Institution Press.

"Determining the Proper Scope of Climate Change Benefits," *Review of Environmental Economics and Policy* 10:2 (2016), by Ted Gayer and W. Kip Viscusi.

"Resisting Abuses of Benefit-Cost Analysis," *National Affairs* 27 (Spring 2016), by Ted Gayer and W. Kip Viscusi.

"Rational Benefit Assessment for an Irrational World: Toward a Behavioral Transfer Test," *Journal of Benefit-Cost Analysis* 7:1 (2016), by W. Kip Viscusi and Ted Gayer. (Awarded best article of 2016 for *Journal of Benefit-Cost Analysis*)

"Social Cost of Carbon: Domestic Duty," *Science* Volume 351 (February 5, 2016), 569, by Art Fraas, Randall Lutter, Susan Dudley, Ted Gayer, John Graham, Jason F. Shogren, and W. Kip Viscusi.

- "Behavioral Public Choice: The Behavioral Paradox of Government Policy," *Harvard Journal of Law and Public Policy* 38:3 (2015): 973-1007, by W. Kip Viscusi and Ted Gayer.
- "Behavioral Public Choice: The Behavioral Paradox of Government Policy," by W. Kip Viscusi, *Mercatus Working Paper*, March 2015.
- "Cash for Clunkers...Not So Clever," by Ted Gayer and Emily Parker, *Milken Institute Review*, Second Quarter 2014.
- "Cash for Clunkers: An Evaluation of the Car Allowance Rebate System," Brookings Institution, by Ted Gayer and Emily Parker, October, 2013.
- "An Evaluation of Federal and State Tax Incentives," by Karen Dynan, Ted Gayer, and Natasha Plotkin, June, 2013.
- "Overriding Consumer Preferences with Energy Regulations," *Journal of Regulatory Economics* 43 (2013): 248-263, by Ted Gayer and W. Kip Viscusi.
- "Overriding Consumer Preferences with Energy Regulations," by Ted Gayer and W. Kip Viscusi, *Mercatus Working Paper*, July, 2012.
- "Linking Climate Policy to Fiscal and Environmental Reform," *Campaign 2012: Twelve Independent Ideas for Improving American Public Policy*, Brookings Institution Press, Washington, DC, May 19, 2012.
- "Policies for Housing Finance Reform," by Karen Dynan, Ted Gayer, and Phillip Swagel.
- "Government's Role in the Housing Finance System: Where Do We Go from Here?" by Karen Dynan and Ted Gayer, in *The Future of Housing Finance*, edited by Martin Neil Baily, Brookings Institution Press, 2011.
- "Economic Policymaking during the Great Recession," in *The Obama Presidency*, edited by Andrew J. Dowdle, Dirk C. Van Raemdonck, and Robert Maranto, Routledge.
- "Pricing Pollution," National Affairs (Winter 2011).
- "Quasi-Experimental and Experimental Approaches to Environmental Economics," *Journal of Environmental Economics and Management* 57:1 (2009): 21-44, by Michael Greenstone and Ted Gayer.
- "Speech in Honor of Harvey Rosen for Receiving the Dan Holland Medal," *National Tax Journal*, forthcoming.
- "Preschool Programs Can Boost School Readiness," *Science* Volume 320 (June 27, 2008), 1723-1724, by William T. Gormley, Jr., Deborah Phillips, and Ted Gayer.

- "Market-based Approaches to Environmental Regulation," *Foundations and Trends in Microeconomics* 1:4 (2006), 1-129, by Ted Gayer and John Horowitz.
- "Designing Environmental Policy: Lessons from the Regulation of Mercury Emissions," *Journal of Regulatory Economics* 30:3 (2006), 291-315, by Ted Gayer and Robert Hahn.
- "Response to Zeller and Booth on Costs and Benefits of Regulating Mercury," *Science* Volume 310 (November 4, 2005), 777-778, by Ted Gayer and Robert Hahn.
- "The Effects of Universal Pre-K on Cognitive Development," *Developmental Psychology* 41:6 (2005), 872-884, by William T. Gormley, Ted Gayer, Deborah Phillips, and Brittany Dawson.
- "When Economists Dream, They Dream of Clear Skies," *The Economists' Voice* Vol. 2: No. 2, Article 7 (2005), by Ted Gayer, John K. Horowitz, and John A. List.
- "Regulating Mercury: What's at Stake?" *Science* Volume 309 (July 8, 2005), 244-245, by Ted Gayer and Robert Hahn.
- "The Political Economy of Mercury Regulation," *Regulation* 28:2 (2005), 26-33, by Ted Gayer and Robert Hahn.
- "Promoting School Readiness in Oklahoma: An Evaluation of Tulsa's Pre-K Program," *Journal of Human Resources* 40:3 (Summer 2005), 533-558, by William T. Gormley, and Ted Gayer.
- "Quantifying and Valuing Environmental Health Risks," by W. Kip Viscusi and Ted Gayer, in *The Handbook of Environmental Economics*, Volume 2, edited by Karl-Göran Mäler and Jeffery R. Vincent (Amsterdam: Elsevier, North-Holland: 2005), 1030-1103.
- "Auctioning Pollution Rights," *Regulation* 27:4 (2004), 16-17, by Ted Gayer.
- "The Fatality Risks of Sport-Utility Vehicles, Vans, and Pickups Relative to Cars" *Journal of Risk and Uncertainty* 28:2 (2004), 103-133, by Ted Gayer.
- "Introduction," with W. Kip Viscusi, in W. Kip Viscusi and Ted Gayer, eds., *Classics in Risk Management Volume I* (Cheltenham, UK: Edward Elgar Publishing, 2004), pp. xiii-xxxi.
- "Safety at Any Price?" Regulation 25:3 (2002), 54-63, by W. Kip Viscusi and Ted Gayer.
- "Graduate Studies in the History of Economics," *History of Political Economy* 34 (2002), 35-61, by Ted Gayer.
- "The Market Value of Reducing Cancer Risk: Hedonic Housing Prices with Changing Information," *Southern Economic Journal* 69:2 (2002), 266-289, by Ted Gayer, James T.

Hamilton, and W. Kip Viscusi. Reprinted in *The Economics of Hazardous Waste and Contaminated Land* (edited by Hilary A. Sigman; Edward Elgar Publishing, 2007).

"Housing Price Responses to Newspaper Publicity of Hazardous Waste Sites," *Resource and Energy Economics* 24:1-2 (2002), 33-51, by Ted Gayer and W. Kip Viscusi.

"Equilibrium Proofmaking," *Journal of the History of Economic Thought* 23:4 (2001), 421-442, by E. Roy Weintraub and Ted Gayer. Reprinted in *How Economics Became a Mathematical Science* (Duke University Press, 2002).

"Neighborhood Demographics and the Distribution of Hazardous Waste Risks: An Instrumental Variables Estimation," *Journal of Regulatory Economics* 17:2 (March 2000), 131-155, by Ted Gayer.

"Private Values of Risk Tradeoffs at Superfund Sites: Housing Market Evidence on Learning about Risk," *Review of Economics and Statistics* 82:3 (August 2000), 439-451, by Ted Gayer, James T. Hamilton, and W. Kip Viscusi.

"Negotiating at the Boundary: Patinkin v. Phipps," *History of Political Economy* 32:3 (Fall 2000), 441-471, by Ted Gayer and E. Roy Weintraub. Reprinted in *How Economics Became a Mathematical Science* (Duke University Press, 2002).

"Market Reactions to Site Risks," by Ted Gayer, James T. Hamilton, and W. Kip Viscusi, chapter in *Calculating Risks? The Spatial and Political Dimensions of Hazardous Waste Policy*, by James T. Hamilton and W. Kip Viscusi, Cambridge, MA: MIT Press, 1999.

"Archiving the History of Economics," *Journal of Economic Literature* 36:3 (September 1998), 1496-1501, by E. Roy Weintraub, Stephen J. Meardon, Ted Gayer, and Spencer Banzhaf.

Other Publications

"The Top Economic Issues in 2018," *Brookings Cafeteria Podcast*, January 5, 2018.

"A Small Difference between the House and Senate Tax Plans Could Mean Big Benefits for Private Sports Stadiums," *Brookings Up Front*, December 4, 2017.

"Hearing on the Social Cost of Carbon," Testimony before the U.S. House Committee on Science, Space, and Technology's Subcommittee on Environment and Subcommittee on Oversight, February 28, 2017.

"The Top Economic Issues in 2017," Brookings Cafeteria Podcast, January 27, 2017.

"Prospects for Regulatory Reform in the Trump Administration," *Real Clear Policy*, Ted Gayer and Phillip A. Wallach, December 20, 2016.

- "Why the Federal Government Should Stop Spending Billions on Private Sports Stadiums," Brookings Institution, Alexander K. Gold, Austin J. Drukker, and Ted Gayer, September 8, 2016.
- "How Much Will Climate Change Rules Benefit Americans," Fortune, February 9, 2016.
- "The Top Economic Issues in 2016," Brookings Cafeteria Podcast, January 8, 2016.
- "Taxpayers Beware: Bidding Wars for NFL Teams Are Losing Bets," Ted Gayer and Alex Gold, *Newsweek*, May 18, 2015.
- "More on Pricing Pollution vs. Energy Efficiency Mandates," *Brookings Planet Policy Blog*, May 14, 2015.
- "Four Reasons to Be Wary of Energy-Efficiency Mandates," *Brookings Planet Policy Blog*, May 1, 2015.
- "Hearing on Energy Efficient Legislation," Testimony before the U.S. Senate Committee on Energy and Natural Resources, April 30, 2015.
- "Energy Efficiency, Risk and Uncertainty, and Behavioral Public Choice," IHS Keynote Address, March 6, 2015.
- "Introducing Health360: A Forum for Unique Perspectives on Health Policy," *Brookings Health360*, January 28, 2015.
- "The Labor Market Consequences of Regulating the Energy Sector," *Brookings Planet Policy Blog*, January 12, 2015.
- "Is Tight Credit Holding Back a Stronger Housing Recovery?" *Brookings Blog*, December 22, 2014.
- "The Flexibility in the Obama Administration's Emission Reductions Proposal," *Brookings Planet Policy Blog*, June 16, 2014.
- "Three Questions for Obama's Fight Against Climate Change," Fortune, June 16, 2014.
- "The Car Allowance Rebate System: Evaluation and Lessons for the Future," by Ted Gayer and Emily Parker, October 31, 2013.
- "The Recent Homebuyer Tax Credit: Evaluation and Lessons for the Future," by Karen Dynan, Ted Gayer, and Natasha Plotkin, June 28, 2013.
- "American Energy Security and Innovation," Testimony before the House Subcommittee on Energy and Power, Committee on Energy and Commerce, February 26, 2013.

- "Assessing Universal Pre-k Programs in Oklahoma," *Brookings Up Front*, February 15, 2013.
- "A Trillion Dollar Coin Would Compromise the Federal Reserve," *US News & World Report*, January 14, 2013.
- "How We're Doing Ahead of the Presidential Election," *Washington Post*, by Ted Gayer Domenico Lombardi, and Darrell M. West, August 26, 2012.
- "Are Pollution Controls Worth Their Costs?" Real Clear Markets, July 19, 2012.
- "Energy Efficiency Regulations Set Dangerous Precedent," by Ted Gayer and W. Kip Viscusi, *US News & World Report*, July 17, 2012.
- "Negative Equity Concentrated in a Few States," Brookings Up Front, July 12, 2012.
- "Overriding Consumer Preferences with Energy Regulations," *Brookings Up Front*, July 10, 2012.
- "Principal Reductions Won't Solve the Mortgage Mess," by Ted Gayer and Phillip Swagel, *Bloomberg*, March 17, 2012.
- "Negative Equity Concentrated in a Few States," Brookings Up Front, March 2, 2012.
- "How Many Borrowers Might Qualify for Principal Reduction Under the Mortgage Settlement?" *Brookings Up Front*, March 1, 2012.
- "How We're Doing Amid Policy Gridlock," *Washington Post*, by Karen Dynan, Ted Gayer, and Darrell M. West, February 12, 2012.
- "President Obama's State of the Union Housing Proposal," *Brookings Up Front*, January 25, 2012.
- "Developments in the Housing Market: 2011," Brookings Up Front, December 12, 2011.
- "Housing Snapshot: Geographical Differences in Price Changes and Negative Equity," *Brookings Up Front*, November 29, 2011.
- "Fiscal Reform and Climate Protection: Considering a U.S. Carbon Tax," *Brookings Up Front*, October 18, 2011.
- "How We're Doing as the Economy Falters," *Washington Post*, by Ted Gayer and Darrell M. West, August 7, 2011.
- "Three Steps to Improving Cost-Benefit Analysis of Environmental Regulatory Rulemaking." *Resources for the Future*, July 5, 2011.

- "A Better Approach to Environmental Regulation: Getting the Costs and Benefits Right," *Hamilton Project Paper*, May 2011.
- "The Mortgage Interest Deduction and Negative Equity," *Brookings Up Front*, December 15, 2010.
- "Recycling Carbon Revenues," New York Times Room for Debate, November 14, 2010.
- "How We're Doing: Uncertainty Ahead of the Midterms," *Washington Post*, by Karen Dynan, Ted Gayer, and Darrell M. West, October 31, 2010.
- "How Climate Policy Could Address Fiscal Shortfalls," National Commission on Fiscal Responsibility and Reform, by Ted Gayer and Adele Morris, August 20, 2010.
- "In Defense of Congressman Paul Ryan," Tax Policy Center, TaxVox, August 6, 2010.
- "The Latest Data on the Home Affordable Modification Program," *Brookings Up Front*, July 21, 2010.
- "How We're Doing as Debt Fears Rise," *Washington Post*, by Karen Dynan and Ted Gayer, May 23, 2010.
- "The Distribution of Allowance Value in the Senate Climate Bill," *Brookings*, May 13, 2010.
- "Conservatives and the VAT," Brookings Up Front, April 22, 2010.
- "The Latest Data on the Home Affordable Modification Program," *Brookings Up Front*, April 16, 2010.
- "Ask the Econ Pro," DS News Journal, January 4, 2010.
- "More on 'Negative Costs' of Reducing Greenhouse Gases," *Brookings Up Front*, December 30, 2009.
- "The EPA Tackles Greenhouse Gases," *Forbes*, December 28, 2009.
- "On the Merits of a Carbon Tax," Testimony before the Senate Energy and Natural Resources Committee, December 2, 2009.
- "Should Government Policies Favor Owners Over Renters?" *Brookings Up Front*, November 19, 2009.
- "How We're Doing: What's Blocking the Recovery," *Washington Post*, by Alan Berube, Karen Dynan, and Ted Gayer, November 15, 2009.

- "The Scouting Report Web Chat: Extending the Homebuyer Tax Credit," Politico, November 11, 2009.
- "Behavioral Economics and the Conservative Critique of VAT," *Brookings Up Front*, October 28, 2009.
- "More on the Homebuyer Tax Credit," Brookings Up Front, October 14, 2009.
- "Extending and Expanding the Homebuyer Tax Credit Is a Bad Idea," *Brookings Up Front*, October 9, 2009.
- "Should Congress Extend the First-time Homebuyer Tax Credit?" *Brookings Up Front*, September 24, 2009.
- "A Year in Turmoil: Remarks Following an Address by Federal Reserve Chairman Ben Bernanke," September 15, 2009.
- "All Costs, No Gain," The American, July 6, 2009.
- "Offsets Chipping Away at the Cap," *The American*, June 23, 2009.
- "Lose-Lose on Biofuels?" *The American*, May 26, 2009.
- "The Pigou Club Goes to Washington," *The American*, September 10, 2008.
- "A Safety Valve for Biofuels," *The American*, August 19, 2008.
- "Pollution Permits," by Ted Gayer, in *The New Palgrave Dictionary of Economics, 2nd edition*: Palgrave Macmillan (edited by Steven Durlauf and Larry Blume), 2008: http://www.dictionaryofeconomics.com/article?id=pde2008_P000311.
- "Quasi-Experimental and Experimental Approaches to Environmental Economics," *Resources for the Future Discussion Paper 07-22*, June 2007, by Michael Greenstone and Ted Gayer.
- "Resurrecting Clear Skies," *AEI Environmental Policy Outlook*, March-April 2005, by Ted Gayer.
- "Cut Pollution and Taxes," New York Daily News, March 27, 2005, by Ted Gayer.
- "Regulating Mercury: What's At Stake?" *Policy Matters* 05-07, *AEI-Brookings Joint Center for Regulatory Studies*, March 2005, by Ted Gayer and Robert Hahn.
- "Thinking Through Mercury Regulation: Some Lessons for the Design of Environmental Policy," Regulatory Analysis 05-01, AEI-Brookings Joint Center for Regulatory Studies,

March 2005, by Ted Gayer and Robert Hahn.

"Auctioning Maryland's Pollution Permits," by Ted Gayer, Maryland Policy Update, *The Maryland Public Policy Institute*, March 7, 2005.

Teaching Experience

Georgetown University:

Public Finance, Quantitative Methods III, Environmental Economics, and Research Practicum

Instructor, Duke University:

Introductory Microeconomics

Teaching Assistant, Duke University:

History of Economics, Introductory Microeconomics, Introductory Macroeconomics

Professional Activities

Referee for Quarterly Journal of Economics, Journal of Political Economy, Journal of Human Resources, Review of Economics and Statistics, Journal of Law and Economics, Journal of Environmental Economics and Management, Environmental and Resource Economics, Journal of Risk and Uncertainty, Journal of Regulatory Economics, Journal of Policy Analysis and Management, B.E. Journal of Economic Analysis & Policy, Journal of Health Economics, New England Journal of Medicine, Journal of Environmental Management, Journal of Regional Science, Review of Environmental Economics and Policy, American Agricultural Economics Association Conference Proposals, Journal of Business and Economic Statistics, History of Political Economy, Contemporary Economic Policy, Journal of the History of Economic Thought, California Economic Policy, Pew Research Center, Mercatus Center, Smith Richardson Foundation, and National Science Foundation. Textbooks reviews for Addison Wesley, W.W. Norton & Company, and McGraw-Hill Irwin.

Moderator, "What's Next for Trump's Regulatory Agenda: A Conversation with OIRA Administrator Neomi Rao," Brookings Institution, January 26, 2018.

Introduction, "Raj Chetty on 'The Lost Einsteins," Brookings Institution, January 11 2018.

Presenter, "Can Trump's Ambitious Deregulatory Agenda Succeed?" Brookings Institution, October 20, 2017.

Presenter, "Economic Policy in Its First Year: How is the Trump Administration Doing?" 2017 Spring Symposium, Griswold Center for Economic Policy Studies," Princeton University, November 17, 2017.

Presenter, "Regulatory Policy," Brookings Council, New York, NY, April 20, 2017.

Presenter, "US-Asia Relations in the New Administration," Brookings Institution, March 22, 2017.

Presenter, "Pursuing Regulatory Excellence," Brookings Center on Regulation and Markets and Penn Program on Regulation, February 16, 2017.

Presenter, "What's Going Well, What's Not, and What Might Happen," Brookings Council, Washington, DC, January 26, 2017.

Moderator, "Transforming Transportation with Autonomous Vehicles and the Sharing Economy," Brookings Center on Regulation and Markets, December 5, 2016.

Presenter, "Regulation and the Economic Outlook," Brookings Council, Boston, MA, February, 24, 2016.

Panelist, "Why Think Tanks Matter to Policy Makers and the Public in the U.S.: Research with Rigor, Relevance, and Reach," Woodrow Wilson Center, January 27, 2016.

Introduction, "A Discussion of the Key Economic Issues in Election 2016," Brookings Institution, Washington, DC, December 7, 2015.

Moderator, "Ten Years of the Renewable Fuel Standard: What's Been the Impact on Energy and the Environment?" *Brookings Institution*, October 16, 2015.

Panelist, "The Power of the Nudge: Policy Lessons from Behavioral Economics," Brookings Institution, Washington, DC, September 18, 2015.

Presenter, "Output, Jobs, and Wages," Stifel Retail Summer School at Columbia Business School, August 11, 2015.

Introduction, "How Do IRS Budget Cuts Affect Taxpayers and the Tax System?" Brookings Institution, Washington, DC, April 8, 2015.

Introduction, "Remarks by Treasury Secretary Jacob J. Lew," Brookings Institution, Washington, DC, January 21, 2015.

Presenter, "Post-Election Panel," Duke Alumni Club of DC and Duke Women's Forum, Washington, DC, November 17, 2014.

Presenter, "Growth, Jobs, and Housing," Stifel Retail Summer School at Columbia Business School, August 6, 2014.

Moderator, "Recovery Road? An Assessment of the Auto Bailout and the State of US Manufacturing," Brookings Institution, Washington, DC, May 21, 2014.

Moderator, "The Future of Fannie Mae and Freddie Mac: A Conversation with the Federal Housing Finance Agency's Mel Watt," Brookings Institution, May 13, 2014.

Presenter, "Determining the Proper Scope of Climate Change Benefits," Society for Cost-Benefit Analysis Annual Meeting, Washington, DC, March 13, 2014.

Presenter, Behavioral Economics Symposium, Mercatus Regulation University on Capitol Hill, Washington, DC, March 11, 2014.

Presenter, "The Future of Homeownership," CitiMortgage/Washington University Housing Symposium, Washington University in St. Louis, October 31, 2013.

Presenter, "Tools for Supporting the Housing Market: Evaluating the Homebuyer Tax Credit and Other Policies," Brookings Institution, Washington, DC, June 28, 2013.

Moderator, "Dealing with 'Too Important to Fail' Banks," Brookings Institution, Washington, DC, June 14, 2013.

Presenter, "Overriding Consumer Preferences with Energy Regulations," Heritage Foundation Capitol Hill Briefing, April 4, 2013.

Presenter, "The Future of Homeownership in the United States Featuring Bank of America CEO Brian Moynihan," Brookings Institution, Washington, DC, December 14, 2012.

Moderator, "The Economics of Carbon Taxes," Cosponsored event with Brookings, IMF, and RFF, November 13, 2012.

Presenter, "Beyond Cap & Trade: Alternative Carbon Pricing Mechanisms," Carbon Forum North America, October 2, 2012.

TV Interview, "The Government Rationale on Energy Efficiency is Flawed," *E&E TV: On Point*, July 17, 2012.

Moderator, "Restoring Fiscal Integrity and Accountability: A Discussion with Governor Chris Christie," Brookings Institution, July 9, 2012.

Presenter, "Campaign 2012: Climate Change and Energy," Brookings Institution, June 11, 2012.

Web Q&A, "What the Next President Should Do on Climate Policy," Brookings Institution, April 20, 2012.

Moderator, "Addressing the Weak Housing Market: Is Principal Reduction the Answer? A Discussion with Ed DeMarco," Brookings Institution, April 10, 2012.

Web Podcast, "The Mortgage Settlement and the Continuing Housing Crisis," Brookings Institution, February 17, 2012.

Web Q&A, "Better Energy and Environmental Policy," Brookings Institution, January 24, 2012.

Web Q&A, "Keystone XL Pipeline Would Benefit Economy," Brookings Institution, January 20, 2012.

Presenter, "Reforming Energy Tax Policy," 2012 Spring Symposium, Griswold Center for Economic Policy Studies," Princeton University, February 11, 2012.

Presenter, "Climate Economics," Brookings Institution Board of Trustees, November 17, 2011.

Presenter, "Economic Outlook," Delegation of Canadian Government Officials, November 15, 2011.

Moderator, "A Conversation with Jon Huntsman, Jr.," Brookings Institution, November 14, 2011.

Web Q&A, "Good News on GDP, but Too Early to Celebrate," Brookings Institution, October 28, 2011.

Presenter, "Fiscal Reform and Climate Protection: Considering a U.S. Carbon Tax," Resources for the Future and the Peterson Institute of International Economics, October 18, 2011.

Presenter, "Economic Outlook," Friday Lunch Seminar, Brookings Institution, September, 8, 2011.

Presenter, "U.S. Economic Challenges," Brookings-Caixin event on "The United States and China: The Next Five Years," May 19, 2011.

Presenter, "America's Energy Future: New Solutions to Fuel Economic Growth and Prosperity," Brookings Institution Hamilton Project, May 18, 2011.

Introduction Presenter, "Do Individual Development Accounts Promote Homeownership?" Brookings Institution, April 26, 2011.

Presenter, "Restructuring the U.S. Residential Mortgage Market," Brookings Institution, February 11, 2011.

Discussant, "Economic Underpinnings of Recycling and Waste Disposal Policies," American Economic Association at the ASSA Meetings, January 7, 2011.

Presenter, "Economic Outlook," Friday Lunch Seminar, Brookings Institution, November 12, 2010.

Presenter, "From Great Recession to Great Ambiguity to Great Slog," Speech for Retired CEOs conference, September 14, 2010.

Web Podcast, "America's Housing Market Crisis," Brookings Institution, September 10, 2010.

Presenter, "From Great Recession to Great Ambiguity to Great Slog," Speech at Hamptons, August 26, 2010.

Roundtable Discussant, "The Growth of Federal Regulation," US Regulatory Policy and Free Enterprise, National Chamber Foundation and American Enterprise Institute Event, US Chamber of Commerce, July 8, 2010.

Web Q&A, "Weak Outlook for Housing Market Recovery," Brookings Institution, June 23, 2010.

Moderator, Hank Paulson Interview, Brookings Institution Board of Trustees, May 25, 2010.

Moderator, "The Prospects for Climate and Energy in 2010," Brookings Institution event at Ronald Reagan Building, May 18, 2010.

Web Q&A, "The Fed's Decision Not to Change Interest Rates," Brookings Institution, March 17, 2010.

Moderator, "Intellectual Foundation for High-Impact Small Businesses and Job Creation," Brookings Institution and Small Business Administration's Working Group on the Future of Small Business, March 15, 2010.

Moderator, "The Power of Open Government: A Discussion with Office of Information and Regulatory Affairs Administrator Cass Sunstein," Brookings Institution, March 10, 2010.

Presenter, Desperately Seeking Revenue Event, Tax Policy Center Event, Urban Institute, March 2, 2010.

Co-Presenter (with Karen Dynan and Bill Gale), "Restoring Prosperity: Economic and Fiscal Challenges," Brookings Council Breakfast, February, 24, 2010.

Web Q&A, "The Status Report: The Obama Administration's Tax Policy," Brookings Institution, January 6, 2010.

Co-Presenter (with Karen Dynan), "What to Look for in 2010," Brookings Town Hall Meeting, January 5, 2010.

Presenter, "The Financial Crisis and the Economic Outlook," Environmental Law Institute, December 16, 2009.

Co-Presenter (with Karen Dynan), "Growth at Last but Will It Last?" Brookings Scholars Roundtable, December 2, 2009.

"On the Merits of a Carbon Tax," Testimony before the Senate Energy and Natural Resources Committee, December 2, 2009.

Presenter, "Climate Economics," Brookings Institution Board of Trustees, November 12, 2009.

Discussant, "Self-regulatory, Voluntary, and Disclosure Programs," Association for Public Policy and Management Conference, November 7, 2009.

Presenter, "Causes and Consequences of the Financial Crisis," Chinese Delegation on the Program on Financial Risk Prevention and Crisis Management, Georgetown University, November 5, 2009.

Moderator, Panel Discussion on Climate Change, Latin American Initiative, Brookings Institution, October 14, 2009.

Panel Discussant, "A Year in Turmoil: An Address by Federal Reserve Chairman Ben Bernanke," Brookings Institution, September 15, 2009.

Web Q&A, "The Government Takeover of Fannie Mae and Freddie Mac," September 2, 2009.

Radio Interview on Energy Bill, The Ron Smith Show, WBAL, Baltimore, MD, July 8, 2009.

Television Interview on Energy Bill, MorgenMagazin, German Public Television (ARD), July 7, 2009.

Presenter, "The Economics of Climate Policy," Tokyo Metropolitan Government Delegation, Georgetown University, Washington, DC, May 21, 2009.

Participant, US Environmental Protection Agency's Workshop on Estimating Benefits of Reducing Hazardous Air Pollutants, Washington, DC, April 30 – May 1, 2009.

Discussant, "Reforming Regulatory Impact Analysis: A Briefing on a New Report," *Resources for the Future*, Washington, DC, March 31, 2009.

Participant, "Heterogeneity of the Value of a Statistical Life Conference," Vanderbilt University Law School, Nashville, TN, March 27, 2009.

Moderator, Energy and Environment Panel, "Can Government Work?" Conference, Georgetown University, Washington, DC, February 20, 2009.

Presenter, "Property Market Effects of the Endangered Species Act," Freeman Spogli Institute for International Studies, Stanford University, Palo Alto, CA, February 2, 2009.

Presenter, "The Effects of Oklahoma's Universal Pre-K Program on School Readiness," Brookings, Washington, DC, January 13, 2009.

Presenter, Session for Harvey Rosen for Receiving the 2007 Daniel M. Holland Medal, National Tax Association Conference, Columbus, OH, November 15, 2007.

Presenter, "The Property Market Effects of Species Protection in California," Public Policy Institute of California (PPIC), San Francisco, CA May 29, 2007.

Discussant, "Climate Change, Mortality, and Adaptation: Evidence from Annual Fluctuations in Weather in the US," Twelfth Annual POWER Research Conference on Electricity Industry Restructuring, Center for the Study of Energy Markets, Berkeley, CA, March 23, 2007.

Discussant, "Climate Change, Mortality, and Adaptation: Evidence from Annual Fluctuations in Weather in the US," Center for Energy and Environmental Policy Research (CEEPR), MIT, Cambridge, MA, December 8, 2006.

Presenter, "The Effects of the Endangered Species Act on Property Market," Public Policy Institute of California (PPIC), San Francisco, CA, December 1, 2006.

Invited Participant, "Methods for Estimating the Social Benefits of EPA Land Clean Up and Reuse Programs," EPA Workshop, Washington, DC, September 28-29, 2006.

Presenter, "The Effects of the Endangered Species Act on Property Markets," PERC, Bozeman, MT, August 15, 2006.

Television Interview, "Call of the Loon" documentary for Mountain Lake PBS, 2006.

Participant, Roundtable Discussion on State of the Union Address, GPPI, Washington, DC, February 1, 2006.

Presenter, "The Effects of the Endangered Species Act on Economic Development," Rice University, Houston, Texas, January 30, 2006.

Radio Interview, "Energy Impact of Hurricane Katrina," *Newsweek on Air*, Sunday, September 25, 2005.

Expert Peer Reviewer, U.S. Small Business Administration's "Cost of Federal Regulations," May, 2005.

Presenter, "Mercury Policy," AEI's Annual Environment Checkup, Washington, DC, April 19, 2005.

- J. Fish Smith and Lillian F. Smith Endowed Chair of Economics Invited Lecture, "The Effects of Oklahoma's Universal Pre-K Program," Brigham Young University, Provo, UT, April 1, 2005.
- J. Fish Smith and Lillian F. Smith Endowed Chair of Economics Invited Lecture, "Thinking Through Mercury Regulation," Brigham Young University, Provo, UT, March 31, 2005.

Co-Presenter, "The Effects of Oklahoma's Universal Pre-Kindergarten Program on School Readiness," Center for Research on Children in the U.S. (CROCUS), Georgetown University, Washington, DC, November 16, 2004.

Panel Chair, AEI's 2nd Annual Climate Change Policy Conference: A Review of the Economic Foundations of Climate Change Models, Washington, DC, November 16, 2004.

Invited Speaker, "The Role of the CEA in Regulatory Decision-making," Harvard Law School, Cambridge, MA, November 8, 2004.

Discussant, NBER Summer Institute Conference on Public Policy and the Environment, Cambridge, MA, August 2, 2004.

Presenter, "Using Empirical Research to Inform Environmental Policy," Center for Energy and Environmental Policy Research (CEEPR), MIT, Cambridge, MA, May 6, 2004.

Presenter, "Regulating Risk," AEI Board of Trustees, Washington, DC, February 10, 2004.

Presenter, "The Council of Economic Advisers," Queen's College students visiting Georgetown University, Washington, DC, January 21, 2004.

Co-Presenter, "The Effects of Oklahoma's Universal Pre-kindergarten Program on School Readiness," National Press Club, Washington, DC, October 29, 2003.

Co-Presenter, "Drilling for Smarter Kids in Oklahoma: The Effects of a Universal Pre-Kindergarten Program," Georgetown University, Washington, DC, April 28, 2003.

Presenter, "An Estimation of the Fatality Risks of Light Trucks Relative to Cars," University of Central Florida, Orlando, FL, April 4, 2003.

Participant, "Making Sense of Safety," 4th Annual Maxwell Policy Research Symposium, Washington, DC, April 2, 2003.

Presenter, "Motor-Vehicle Regulations and the Fatality Risks of SUVs, Vans, and Pickups," Environmental Economics and Policy Seminar, Harvard University Department and Economics and Kennedy School of Government, Cambridge, MA, November 13, 2002.

Chair, Session on *Risk and Uncertainty*, International Atlantic Economic Conference, Washington, DC, October 12, 2002.

Presenter, "Motor-Vehicle Regulations and the Fatality Risks of SUVs, Vans, and Pickups," International Atlantic Economic Conference, Washington, DC, October 12, 2002.

Invited Lecture, "Motor-Vehicle Regulations and the Fatality Risks of SUVs, Vans, and Pickups," Symposium on The Economics of Motor Vehicle Safety, University of Alabama at Birmingham, September 20, 2002.

Presenter, "Motor-Vehicle Regulations and the Fatality Risks of SUVs, Vans, and Pickups," Second World Congress of Environmental and Resource Economists, Monterey, CA, June 25, 2002.

Presenter, "Motor-Vehicle Regulations and the Fatality Risks of SUVs, Vans, and Pickups," American Economic Association Session at the ASSA Meetings, Atlanta, GA, January 4, 2002.

Discussant, "Four Papers on Risk Characteristics," EPA Workshop on Economic Valuation of Mortality Risk Reduction: Assessing the State of the Art for Policy Applications," Silver Spring, MD, November 7, 2001.

Presenter, "The Fatality Risks and Crash Frequencies of SUVs, Vans, and Pickups," *Resources for the Future*, Washington, DC, October 31, 2001.

Discussant, "If It Exists, It's Getting Bigger: Revising the Value of a Statistical Life," Environmental Research Workshop, Georgetown University Law Center, Washington, DC, October 18, 2001.

Presenter, "Are SUVs, Vans, and Pickups More Dangerous than Cars?" Science, Technology and International Affairs, and the Center for Environment, Georgetown University School of Foreign Service, Washington, DC, October 12, 2001.

Presenter, "Fatality Risks and Crash Frequencies of SUVs, Vans, and Pickups," Robert Wood Johnson Scholars in Health Policy Conference, Aspen, CO, May 31, 2001.

Presenter, "Graduate Studies in the History of Economic Thought," History of Political Economy Conference, Durham, NC, April 27, 2001.

Presenter, "Fatality Risks and Crash Frequencies of SUVs, Vans, and Pickups," University of California at Berkeley, School of Public Health, Berkeley, CA, April 25, 2001.

Presenter, "The Fatality Risks of Sport-Utility Vehicles, Vans, Pickups," University of California at Berkeley, School of Public Health, Berkeley, CA, February 15, 2001.

Presenter, "The Fatality Risks of Sport-Utility Vehicles, Vans, and Pickups," University of California at Berkeley, Department of Agricultural and Resource Economics, January 25, 2001.

Presenter, "The Fatality Risks of Light Trucks," Association for Public Policy Analysis and Management, Seattle, WA, November 4, 2000.

Presenter, "The Market Value of Reducing Cancer Risk: Hedonic Housing Prices with Changing Information," University of California at Berkeley, School of Public Health, Berkeley, CA, October 5, 2000.

Presenter, "Equilibrium Proofmaking," History of Economics Society Meetings, Vancouver, Canada, July 1, 2000.

Discussant, Session at the History of Economics Society Meetings, Vancouver, Canada, July 1, 2000.

Presenter, "The Fatality Risks of Light Trucks," Robert Wood Johnson Scholars in Health Policy Conference, Aspen, CO, May 25, 2000.

Presenter, "The External Fatality Risks of Light Trucks," University of California at Berkeley, School of Public Health, Berkeley, CA, April 3, 2000.

Presenter, "Market Evidence on Learning about Cancer Risks: A Repeat Sales Housing Market Analysis," American Economic Association Session at the ASSA Meetings, Boston, MA, January 7, 2000.

Presenter, "Neighborhood Demographics and the Distribution of Hazardous Waste Risks: An Instrumental Variables Estimation," AERE Session at the ASSA Meetings, Boston, MA, January 7, 2000.

Presenter, "Market Evidence on Learning about Cancer Risks: A Repeat Sales Housing Market Analysis," Office of Policy Analysis, U.S. EPA, Washington, DC, December 16, 1998.

Presenter, "Equilibrium Proofmaking," History of Political Economy Workshop, Duke University, Durham, NC, December 4, 1998.

Presenter, "How Do Individuals Respond to Information about Cancer Risks?" Center for the Environment and Science & Technology in International Affairs, Georgetown University, November 13, 1998.

Presenter, "Negotiating at the Boundary: Patinkin v. Phipps," History of Economics Society Meetings, Montreal, Canada, June 20, 1998.

Discussant, Session at the History of Economics Society Meetings, Montreal, Canada, June 21, 1998.

Presenter, "Negotiating at the Boundary: Patinkin v. Phipps," History of Political Economy Seminar, Duke University, Durham, NC, April 17, 1998.

Presenter, "An Economist's Precautions concerning the Precautionary Principle," 1998 Ceres Conference on *Politicizing Science: What Price Public Policy?* Presented by The Georgetown Center for Food and Nutrition Policy, Chantilly, VA, April 2-4, 1998.

Discussant, AERE Session at the ASSA Meetings, Chicago, IL, January 1998.

Presenter, "Can Risk Information Be Good News?" University of Maryland, Department of Agricultural and Resource Economics, College Park, MD, November 1997.

Presenter, "Archiving Economics," History of Economics Society Meetings, Charleston, SC, June 1997.

Assistant to the Editor, *History of Political Economy*, 1996-1997.

Presenter, "Residential Responses to Risk," Camp Resources (A conference of Southeastern environmental and resource economists), Wilmington, NC, August 1996.

Presenter, "Does the Hedonic Method Work?" Camp Resources (A conference of Southeastern environmental and resource economists), Wilmington, NC, August 1995.

Presenter, "Residential Responses to Risk," Public Finance Seminar, Duke University, Durham, NC, Spring 1995.

Media Appearances

Wall Street Journal, Washington Post, New York Times, Los Angeles Times, Financial Times, Associated Press, Politico, CNBC, Bloomberg, The Economist, National Public

Radio, TIME, The Atlantic, CNNMoney, CBS News, Christian Science Monitor, Forbes, and others.