

Public Policy Scholar, Woodrow Wilson International Center for Scholars, 2009.

Conducted research and writing for a report for pu

EPA activities for implementing the Paperwork Reduction and Regulatory Flexibility Acts.

Chief, Regulation Management Staff, Standards and Regulations Division, EPA, 1980-1983

Led an expansion of the policy office. Regulatory reviews; managed early regulatory negotiations; designed training on rulemaking; directed staff on regulatory reform initiatives.

Analyst, Regulatory Reform Staff, Standards and Regulations Division, EPA, 1978-1980

Analyst for projects to apply economic incentives to regulation. Monitored reform issues, wrote papers on economic incentives, contributed to development of the air emissions trading policy.

Winner of Best Book Award in the Public and Non-profit Division of the Academy of Management.

Making Environmental Policy. Los Angeles: University of California Press, 1995.

B. Refereed Journals

Reprinted in *Negotiated Rulemaking Sourcebook*.
Washington: Administrative Conference of the United States, 1990, 849-857.

C. Book Chapters

in Norman J. Vig, Michael E. Kraft, and Barry M. Rabe, eds. *Environmental Policy: New Directions for the Twenty-First Century* (Sage, 2022), pp. 323-344.

Law Review, 23 (1999), 441-469.

Environmental Law, 19 (1997), 64-76.

Environmental Law, 26 (1996), 457-488.

Columbia Journal of Environmental Law, 14 (1989), 501-547.

Temple Journal of Environmental Law and Technology, 4 (1985), 29-40. (with Chris Kirtz) Reprinted in *Negotiated Rulemaking Sourcebook*. Washington, D.C.: Administrative Conference of the US, 1990, 839-848.

Judicial-Administrative Interaction in Regulatory Policy-Making: The Case of the Federal Power Commission, *Administrative Law Review*, 28 (1976), 41-88.

E. Book Reviews and Short Essays

Improving Democracy for the Future: Why Democracy Can Handle Climate Change, *E-International Relations*, June 24, 2019. Essay based on my book, *Can Democracy Handle Climate Change?*

Can We Change Everything? The Politics and Economics of Climate Change, *Public Administration Review*, 76 (2016), 970-974. Review of Naomi Klein's *This Changes Everything*.

Review of *Open for Business: Conservative Opposition to Environmental Regulation*, by Judith A/ Layzer, *Left History* 17 (2013), 134-136.

Nanoscale Regulation (commentary). *Issues in Science and Technology*, 26(2) (2010), 10-12.

The Role of Information in Environmental Governance, *Public Administration Review*, 69 (2009), 980-982.

Maybe Not Useless But Handle With Care, *Public Administration Review*, 68 (2008), 51-54. Commentary in the Theory to Practice section of the journal.

Boston Review, 24 (October/November 1999), 13-15. Reprinted in *Beyond Backyard Environmentalism*, Charles Sable et al. eds. Boston: Beacon Press, 2000, 54-60 (New

F. Works in Progress

Sustainability and the Modern State: Challenges to Governance, for the *Handbook of Democracy and Sustainability*, Routledge (scheduled in 2020), Basil Borneman, Henrike Knapp, and Patrizia Nanz, eds.

Climate Change and Right-Wing Populism in the United States, under revision for resubmittal to *Environmental Politics*, in a special issue on *Operating at the Frontiers of Democracy: Meeting Climate Change in Times of Populism*, Jens Marquardt and Markus Lederer, eds. (submission August 2021).

Getting the Carbon Out: Accelerating the Clean Energy Transition, book for delivery under contract with the Polity Press in September 2021.

IV. HONORS AND AWARDS

Financial Awards

Grant of \$150,000 from the New York Community Trust for a project on *Environmental Protection for the 21st Century: Putting Equity at the Top of the Agenda* (July 2020).

Secured a gift of \$500,000 for the initiation of the William K. Reilly Endowment from the Packard Foundation in 2014, to establish the Reilly Endowment. Over the last seven years, secured some \$600,000 for operating fund, the William K. Reilly Fund for Environmental Governance and Leadership.

Awarded a contract (to the Center for Environmental Policy) to manage and perform analysis for the Partnership on Technology Innovation and the Environment for 2014 (\$54,000), 2015 (\$20,000), 2016 (\$20,000); 2017 (\$22,000) and 2018 (\$25,000).

Awarded \$73,000 from the Robert Wood Johnson Foundation for a project on patterns of lead service line replacement in the District of Columbia.

Awarded a \$30,000 grant (to the Center for Environmental Policy) from Intel Corporation for a policy analysis and dialogue on alternatives for managing chemicals critical to the semiconductor industry.

Awarded a \$38,000 contract (to the Center for Environmental Policy) from the U.S. Environmental Protection Agency to co-

Awarded a \$20,000 grant from the IBM Center for the Business of Government for a report on the early implementation of Executive Order 13415 on Federal Sustainability, May 2011.

Co-director of a research project on *Conceptual Innovations in Environmental Policy* with Professor James Meadowcroft of Carleton University, funded by a \$130,000 grant from the Social Science and Humanities Research Council of Canada.

Publishing and Other Awards

Levine Prize from the International Political Science Association in 2019 for best book in comparative public policy in 2018, for *A Good Life on a Finite Earth: The Political Economy of Green Growth*.

Awarded the Sir Frank Holmes Visiting Fellowship, Victoria University, Wellington, New Zealand, 2013.

Louis Brownlow Award, National Academy of Public Administration literature, for *The New Environmental Regulation*, November 2007.

EPA Silver Med

Best Book Awards in Environmental Management and Policy in 2006, 2004, and 1999, American Society for Public Administration

Best Public/Non-Profit Book, Academy of Management, for *Managing for the Environment*, 1999.

Brownlow Award of the American Society for Public Administration for the best article by a practitioner three times in the 1988, 1990, and 2001 issues of the *Public Administration Review*.

Theodore Lowi Award of the Policy Studies Organization for the best article in the 1997 issues of the *Policy Studies Journal*.

Lee M. Thomas Award for Excellence in Management, EPA, 1993.

Human Resources Management Award, EPA, 1992.

Brownlow Award for the best article by practitioner in 1990 issues of *Public Administration Review*.

Brownlow Award in for the best article by practitioner in 1988 issues of *Public Administration Review*.

Other EPA awards: Bronze Medals for Commendable Performance; multiple Special Achievement and Superior Performance awards.

Summer Research Grant, Middlebury College, 1977; Alternate Research Fellow, Brookings Institution, 1974-1975.

Daniel Coit Gilman Fellowship, Johns Hopkins University, 1973-1974; National Defense Education Act Title IV Fellowship, Johns Hopkins University, 1971-1973

Graduated *magna cum laude*, Youngstown State University; Clarence Gould Society (university honors); Omicron Delta Epsilon (economics society); University Honors Seminar, 1969-1970.

V. PROFESSIONAL ACTIVITIES

Founding Member, Environmental and Occupational Health Consortium of Washington-Area Universities, 2015-present.

Co-editor, with Robert Durant, of the Routledge book *Sustainability and Public Administration*, 2011-2017.

Member of a curriculum review committee for a new degree program on Sustainability, State University of New York at Binghamton, November 2017. Tenure and promotion reviewer for many universities.

Member of the Sustainable Materials Management Coalition+dialogue group, 2011-2012

Co-Chair, Program Committee, National Conference of the American Society for Public Administration (ASPA), Washington, DC, 2003

Member, National Council, Policy Studies Organization (1999-2005)

Chair, Section on Environmental and Natural Resource Administration, ASPA, 1994-1995

Member, Program Committee, ASPA 1996 National Conference

Editorial Boards of the *Public Administration Review* (1990-1993; 1996-2012) and *Public Administration Quarterly* (1990-2005)

Referee at various times for *Public Administration Review*; *Public Budgeting and Finance*; *Journal of Public Administration Research and Theory*; *Law and Society Review*; *Policy Studies Journal*; *Science, Technology and Human Values*; *Public Administration Quarterly*; *State and Local Government Review*; *Journal of Industrial Ecology*; *Environmental Science & Technology*; *Administration and Society*; *Journal of Policy Analysis and Management*; *Global Environmental Politics*; *Environmental Politics*, *Policy Sciences*, National Science Foundation, MIT Press, Cambr

Speaker, webinar on Decarbonization and Net-Zero Emissions: The View from Nation-State Analysts (April 8, 2021), as part of a CEP series on global energy decarbonization

Invited speaker and participant in "Operating at the Frontiers of Democracy: Meeting Climate Change in Times of Populism" at the University of Darmstadt, Germany, for a special issue of *Environmental Politics* July and November 2020 (two workshops).

Member, California Air Resources Board, November 2020

Moderator for a panel discussion with former EPA Administrators as part of the Symposium on the 50th Anniversary of the Clean Air Act (co-sponsored by CEP and the American Lung Association, September 30, 2020)

Moderator for a Panel on "The Politics of Energy Efficiency: Explaining Variations in Energy Efficiency Policy among the American States" (with Carley Wetted and Sabina Blanco Vecchi), International Conference of the Association for Policy Analysis and Management, July 2020.

Presenter, "The Politics of Energy Efficiency: Explaining Variations in Energy Efficiency Policy among the American States" (with Carley Wetted and Sabina Blanco Vecchi), International Conference on Public Policy, Montreal, June 27, 2019. Panel on *Energy and Political Power*.

Discussant for a panel on *Environmental Governance and Evidence for Effective Policy Making and Implementation*, Association for Policy Analysis and Management, Annual Research Conference, Washington, DC, November 10, 2018,

University of Illinois at Chicago, speaker at a departmental seminar on *New Directions in Environmental Federalism*, October 25.

US Environmental Protection Agency E-Leadership Council. Invited speaker for a national meeting of EPA senior executives and state commissioners on *Modernizing Regulation: What's Technology Got to Do With It?* Washington, September 25, 2018.

Spea

Moderator of a discussion on energy and water issues, specifically on *A Thirst for Power*, Bipartisan Policy Institute, May 2016.

Speaker, "Critical Factors Affect the Success of Water Quality Trading," USDA/EPA National Conference on Water Quality Markets, Lincoln, NE, September 2015.

Ú|·^·^} c|ÉÓ [&] c aÁ [çaa] Á ÁÒ} çá [{ ^ } çÁÚ [& ÉÁ á, ^·cÁÚ [áa]al Science Association, Chicago, IL, April 2016.

Co-æ q|Á çÖÜá |aa Á [·ÉÁQ^ ~ aä and the Environment: What Are the Implications for Public Ú | & ÉÁ ç ^|Á |esented at the Annual Meeting of the American Society for Public Administration, Chicago, IL, March 2015.

Ú|·^·^} c|ÉÓ [&] ptual Innovation á ÁÒ} çá [{ ^ } çÁÚ [& ÉÁ [^| ^ } & Á f the International Political Science Association, Montreal, August 2014.

SpeakerÉÜ [& Á^æ } á *, Chemicals, and Risk: Can Policy Innovation Keep Up with Technology Öæ * ^ÁÁÉ } ~ çÁ [^| ^ } & Á Án the Society for Risk Analysis, Baltimore, MD, December 2013.

Moderator and Co-author (with Karen Baehler), Sustainability Policy Analysis: What Can It Do for WÑÁ Association for Policy Analysis and Management, Washington, DC, November 2013.

Coauthor and co-| ^·^·^} c|Á çÖÜ á b [ÁÖæ ÉÁÖ } çá [{ ^ } çÁÚ ^*~ |ation through Ú]] | Á Öæ ·ÉÁ Annual Conference of the American Political Science Association, Chicago, IL, September 2013.

ÚáÜæ \ Á [| ^·Á ^ { | äáÁ & c |^ÉÁ@ Green Economy: Mythical or Meaningful? Á|·^·^} c|ááá@ Á National Museum of New Zealand, Wellington, August 2013. This was one of seven university and public presentations done as part of the Sir Frank Holmes Visiting Fellowship in Public Policy with Victoria University in New Zealand.

Keynote Speaker, Conference on Environmental Policy Success, Tel Aviv University, May 2013.

Coauthor (with ManjooÁÖæ ÉÁÖ } çá [{ ^ } çÁÚ Regulation with Supply Chains: Comparing Private and Ú à|ÁÚ^*~ |æá } ÉÁÖ· [&æá } Áfor Public Policy Analysis and Management (APPAM), Annual Research Conference, Baltimore, MD, November 2012. Revised version presented at the Annual Conference of the American Political Science Association, September 2013.

Öá & ··æ ÉÁ [| ^ } çÁ Á] | | æ@·Á ÁÖ } çá [{ ^ } çÁÚ | & ÉÁÉÜÖÉ ÉÁÉ Annual Research Conference, Baltimore, MD, November 2012.

Ú|·^·^} c|ÉÖ c|ÉÖ^ [] áÁthe New Environmental Regulation: Challenges and Opportunities in Regulæ | ^ ÁÖ [ç ^] } æ & ÉÁ th Transatlantic Dialogue, Radboud University, Nijmegen, Netherlands, June 6-9, 2010.

Ú|·^·^} c|ÉÓ [|æá |æá ÁÖ [ç ^] } æ & ÁY çæÁÖ çanáÁ [ÁÖ ^·ÁÖÖ c|·^&Á áÖÖÜÑÁ th National Conference on Environmental Collaboration and Conf|áÜ·^· [| ç] ÉÁ & [] ÉÜÉÁ æ ÁÖ-24, 2012.

Presenter and co-author (with Karen Baehler)ÉÜ · éanability Policy Analysis: What Is It? What Can It Do for W·ÑÁÚ^& } áÁÖÖ c| } æá } çÁÖ [^| ^ } & Á [] ÁÖ [ç ^] ment Performance Management and Leadership, Portland State University, October 1-2, 2011. Also presented at the Dupont Summit of the

Book Award Ceremony, Washington, D.C., November 2007

Discussant, panels "The Role of the State in Environmental Policy Analysis and Management", Washington, D.C., November 2007

Plenary Speaker "The Role of the State in Environmental Policy Analysis and Management", Berlin, Germany, October 8-9, 2007.

Presenter, "Green Clubs: A Workshop on Voluntary Environmental Programs", University of Washington, Seattle, WA, June 2007

Speaker, "Government and Business Collaboration in Environmental Policy Analysis and Management", Kennedy School of Government, Corporate Sustainability Program, Harvard University, March 2007

Speaker, University of Pennsylvania "The Role of the State in Environmental Policy Analysis and Management", Philadelphia, March 2007.

Speaker, nt,

Speaker, "Toward a New Framework for Environmental Regulation," American Society of Safety Engineers/American Industrial Hygiene Council, Orlando, Florida, February 1996.

Convener and presenter, "Sustainable Urban Redevelopment," ASPA National Conference, San Antonio, July 1995.

Speaker, conference on "Democracy and the Environment," Mansfield College, Oxford University, September 1994.

Speaker, Governmental Performance and Results Act, Georgetown University, March 1994.

Speaker, Implementing Democratic Technological Choice, Society for Social Studies of Science, Purdue University, November 1993.

Presenter and panelist for the University of New Mexico/Department of Energy video conference series on Environmental Risk, Albuquerque, May 1993.

Member of U.S. government environmental aide mission to Moscow, Russia (with the Agency for International Development and the World Bank), February 1993.

Presenter, "Public Participation in Environmental Decisions," Zurich, Switzerland, June 1992.