

BARRY GEORGE RABE

Gerald R. Ford School of Public Policy
University of Michigan

EDUCATION

Ph.D. University of Chicago. 1985. Political Science.

M.A. University of Chicago. 1980. Social Sciences.

B.A. Carthage College. 1979. (*Summa Cum Laude*); History (Departmental Honors) and Urban Studies.

CURRENT POSITIONS

J. Ira and Nicki Harris Family Professor of Public Policy, Gerald R. Ford School of Public Policy, University of Michigan, 2012-present.

Arthur F. Thurnau Professor of Environmental Policy, College of Literatures, Science, and the Arts, University of Michigan, 2011-present.

Professor of Environmental Policy, School for Environment and Sustainability, University of Michigan (courtesy), 2006-present.

Professor of Political Science, College of Literature, Science, and the Arts, University of Michigan (courtesy), 2012-present.

Global Fellow, Canada Institute, Woodrow Wilson International Center for Scholars, 2024-2026.

Non-Resident Senior Fellow, Governance Studies Program, Brookings Institution, Washington, D.C., 2006-present.

Fellow, National Academy of Public Administration, 2009-present.

PREVIOUS POSITIONS

Visiting Scholar, School of Public Affairs, American University, 2016.

Public Policy Scholar, Woodrow Wilson International Center for Scholars, 2015.

Visiting Professor, Miller Center of Public Affairs, University of Virginia, 2008-2009.

Professor, Gerald R. Ford School of Public Policy, 2003-2012.

Professor, School of Natural Resources & Environment, University of Michigan, 1999-2006.
Associate Professor, 1998-1999.

Associate Professor of Health Politics, Department of Public Health Policy and Administration and Department of Health Management and Policy, School of Public Health, University of Michigan, 1992-1998.

Visiting Associate Professor, La Follette Institute of Public Affairs, University of Wisconsin - Madison, 1994.

Visiting Fellow, Institute on International Environmental Governance, Dartmouth College, Hanover, New Hampshire, 1993.

Assistant Professor of Health Politics, Department of Public Health Policy and Administration, School of Public Health, University of Michigan, 1985-92.

Staff Associate, Governmental Studies Program, Brookings Institution, Washington, D.C., 1984-87.

Research Fellow, Conservation Foundation, Washington, D.C., 1984-85.

Research Fellow, Governmental Studies Program, Brookings Institution, 1983-84.

Assistant Project Director and Research Assistant, National Institute of Education, "Federalism, Education and Equity" study, 1981-83, Stanford University and the University of Chicago.

PROFESSIONAL SERVICE (Select)

Environmental Working Group, National Academy of Public Administration, 2022-2024.

Pricing Carbon Initiative, National Advisory Board, 2019-present.

Steward Natural Resources and Address Climate Change Working Group, National Academy of Public Administration, Election 2020 Project, 2020.

Oklahoma Corporation Commission Organizational Assessment Panel, National Academy of Public Administration, 2018-2019.

Scientific Council, School of Public Policy, University of Calgary, 2018-2020.

Martha Derthick Best Book Award Committee, Federalism and Intergovernmental Relations Section, American Political Science Association, 2018.

Chair, National Advisory Council for Environmental Policy and Technology Subcommittee on Assumable Waters, U.S. Environmental Protection Agency, 2016-2017. (Co-chair in 2015-2016).

Expert Advisory Group, Bureau of Safety and Environmental Standards Program Review, U.S. Department of Interior, National Academy of Public Administration, 2016-2017.

Presidential Transition 2016 Panel on Collaboration Across Boundaries, National Academy of Public Administration, 2015-16.

Committee on Risk Management and Governance Issues in Shale Gas Development, National Research Council, 2013-14.

Co-Chair, Academy Annual Meeting Program, National Academy of Public Administration, 2011.

National Oceanic and Atmospheric Climate Service Panel, U.S. Department of Commerce, National Academy of Public Administration, 2010-11.

President, Federalism and Intergovernmental Relations Section, American Political Science Association, 2008-2010.

External Advisory Council, Global Policy Research Council, Purdue University, 2010-2014.

Board of Visitors, Institute for the Environment of the University of North Carolina, Chapel Hill, 2008-2011.

Chair, Levine Best Book Award Committee, American Political Science Association, 2008-2009.

Journal Editorial Boards:

Governance: An International Journal of Policy, Administration, and Institutions (2007-2024)

Publius: The Journal of Federalism (2008-present)

Review of Policy Research (2009-present)

Government and Policy (2011-2015)

Political Research Quarterly (2008-2014)

American Review of Canadian Studies (2003-2011)

Journal of Health Politics, Policy, and Law (1991-2002)

Martha Derthick Best Book Award Committee, Chair, Federalism and Intergovernmental Relations Section, American Political Science Association, 2007.

Executive Committee, Federalism and Intergovernmental Relations Section, American Political Science Association, 2006-2008.

Faculty Advisory Board, Broadview Press of Canada, 2005-2008.

Lynton Keith Caldwell Award Committee, Member and Chair, Science, Technology, and Policy Section, American Political Science Association, 2005-2007.

President, Public Policy Section, American Political Science Association, 2004-2005.

Section Head, Environment and Natural Resources, Association for Canadian Studies in the United States, 2004-2005.

Daniel Elazar Distinguished Scholar Award Committee, Federalism and Intergovernmental Relations Section, American Political Science Association, 2004-2005

Book Series Editor, American Governance and Public Policy, Georgetown University Press, 1994-2004.

Trans-Atlantic Climate Change Policy Dialogue Group, Brookings Institution and German Embassy, 2004.

Policy Studies Program Advisory Committee, Mount Royal College, Calgary, 2004-2007.

President-Elect and Program Chair, Public Policy Section, American Political Science Association, 2003-2004

Homeland Security and Federalism Task Force, Century Foundation, 2002-2003.

Executive Council, Policy Studies Organization, 2000-2008. Vice President, 2002-2005.

Aaron Wildavsky Award Committee, American Political Science Association, 2000-2001.

Executive Committee, Public Policy Section, American Political Science Association, 1995-98, 2002-2003.

Coordinator, U.S. Environmental Protection Agency Community Liaison Project for Hazardous Waste Management Facilities, 1997-98.

Advisory Panel, President's Commission on Sustainable Development, Regulatory Policy Options Cluster, 1994-96.

National Advisory Panel, Pollution Prevention Pilot Project, Natural Resources Defense Council 1995-96.

Advisory Committee, Great Lakes Water Quality Agreement Assessment Project, 1994-96.

Consultant and Advisory Board, Environmental Policy Tools Project, U.S. Office of Technology Assessment, Oceans and Environment Program, 1994-95.

Advisory Committee, Great Lakes Ecosystem Charter Project, Great Lakes Commission, 1993-95.

Leonard White Public Administration Award Committee, American Political Science Association, 1994-95.

Advisory Committee, Water Quality Permit Evaluation Project, Wisconsin Department of Natural Resources, 1994.

Technical Assessment Panel, Great Lakes Protection Fund, 1992-95.

Advisor to Director of Economic Policy and Regulatory Policy Working Group Coordinator, National Clinton-Gore Campaign, 1992.

Coordinator, Wingspread Conference on Great Lakes Environmental Regulatory Integration and Pollution Prevention, 1992.

Commission on Pediatric Emergency Medical Services, Institute of Medicine, 1991-1993.

North American Environmental Assessment Panel, Johnson Foundation, 1990-1996.

Chair, Medical Waste Study Review Panel, U.S. Office of Technology Assessment, 1990.

Journal article referee; 1986-present:

Administration and Society; American Journal of Political Science; American Political Science Review; Canadian-American Public Policy; Canadian Public Administration; Canadian Public Policy; Canadian Political Science Review; Energy Policy; Energy

Resources & Social Sciences; Environmental and Planning; Environmental Politics; Global Environmental Policy; Government and Policy; Governance: An International Journal of Policy and Administration; International Environmental Affairs; International Journal of Urban Sciences; Journal of the American Planning Association; Journal of Natural Resources Policy Research; Journal of Public Administration Research and Theory; Journal of Policy Analysis and Management; Journal of Health Politics, Policy and Law; Journal of Policy History; Journal of Politics; Policy Studies Journal; Policy Studies Review; Political Research Quarterly; Political Science Quarterly; Publius: The Journal of Federalism; Review of Policy Research; Risk Decision and Policy; State and Local Government Review; State Politics and Policy Quarterly

Book manuscript referee:

Brookings Institution Press; Cambridge University Press; Columbia University Press; CQ Press; CQ/Sage; Duke University Press; Georgetown University Press; Harvard University Press; Island Press; MIT Press; Oxford University Press; Polity Press; Prentice-Hall; Princeton University Press; Resources for the Future Press; State University of New York Press; University of Michigan Press; University of North Carolina Press; University of Pittsburgh Press; University of Toronto Press; University Press of New England; Yale University Press

Harold Lasswell Award Committee, Policy Studies Organization, 1988-89.

Michigan AIDS Program Review Panel, 1986-88.

Advisory Committee, Hazardous Materials Research Program, Argonne National Laboratory, 1985.

Wisconsin Governor's Commission on Library and Informational Service, 1978-80.

UNIVERSITY OF MICHIGAN SERVICE (Select)

Chair, North American Colloquium on Climate Policy, University of Michigan, University of Toronto, National Autonomous University of Mexico, 2020-2022.

President's Commission on Carbon Neutrality, 2019-2021.

Task Force on Conversations Across Differences, Gerald R. Ford School of Public Policy, Chair, 2018-2019.

Provost's Council on Student Honors, 2017-2019.

Center for Local, State, and Urban Policy, Director, Gerald R. Ford School of Public Policy, 2012-2019.

Deanship Search Advisory Committee, Gerald R. Ford School of Public Policy, 2016-2017.

University of Michigan Committee on Greenhouse Gas Reduction, 2014-2015.

Centennial Planning Committee, Chair, Gerald R. Ford School of Public Policy, 2011-12.

Arthur F. Thurnau Professorship Review Committee, 2011-2012.

Provost's Faculty Review Committee, Interdisciplinary Junior Faculty Initiative, 2009-2010.

Provost's Task Force on Multidisciplinary Learning and Team-Teaching, 2006-2008.

Executive Board, Graham Environmental Sustainability Institute, 2007-2017, 2019-2021.

Search Committee, Graham Environmental Sustainability Institute Director, 2007-2008.

Director, Program in the Environment, College of Literature, Science, and the Arts, 2002-2005.

Executive Committee, Gerald R. Ford School of Public Policy, 2003-2005, 2008, 2011-2013, 2016-2018.

Promotion and Tenure Committee, School of Natural Resources & Environment, 2003-2005.

Interim Dean, School of Natural Resources & Environment, 2000-2001.

Environmental Sciences and Studies Undergraduate Curriculum Development Committee, College of Literature, Science, and the Arts, 1999-2000.

University of Michigan Steering Committee for Environmental Issues and Research on Campus, 1998-99.

Research Committee, School of Natural Resources & Environment, 1998-99.

Committee on Future Directions for the School of Public Health, 1997-98.

Faculty Search Committee Chair, 1990-91, 1991-92, 1992-93, 1995-96, 2002-2003, 2010-11, 2013-14, 2014-15, 2015-16, 2019-2020.

Search Committee, Chair of Department of Environmental and Industrial Health, School of Public Health, 1997-98.

Coordinator, Public Health Policy Program, School of Public Health, 1995-96.

Deanship Search Advisory Committee, School of Natural Resources and Environment, 1995-96.

Executive Committee, School of Public Health, 1994-97.

Executive Committee, University of Michigan Global Change Project, 1995-98.

Executive Committee, Department of Health Management and Policy, School of Public Health, 1995-97.

Governing Board, Resource on Health Management and Policy, School of Public Health, 1988-98.

Provost's Task Force on Environmental Studies, 1991-1992.

Executive Committee, Department of Public Health Policy and Administration, School of Public Health, 1986-89; 1990-93.

President, Board of Directors, Lutheran Campus Ministry at the University of Michigan, 1991.

Chair, Program and Call Committees, Board of Directors, Lutheran Campus Ministry at the University of Michigan, 1986-90.

HONORS AND FELLOWSHIPS

- Distinguished Researcher Award, Network of Schools of Public Policy, Affairs, and Administration, 2022.
- Louis Brownlow Best Book Award, National Academy of Public Administration, 2021.
- Ostrom Lecture on Environmental Policy, Indiana University, 2019.
- Marjorie Dilley Endowed Lecture, Lear-Conant Symposium, Connecticut College, 2019.
- Distinguished Speaker Series on Global Environmental Governance, University of Windsor, 2019.
- Johnson Distinguished Scholar and Lecture, Carthage College, 2018.
- Martha Derthick Best Book Award, Federalism and Intergovernmental Relations Section, American Political Science Association, 2017.
- Daniel Levine Memorial Lecture, American University School of Public Affairs, 2016.
- Public Policy Scholar, Woodrow Wilson International Center for Scholars, 2015.
- Distinguished Alumnus Award, Carthage College, 2014.
- Faculty Speaker, 89th Annual Honors Convocation of the University of Michigan, 2012.
- J. Ira and Nicki Harris Family Professor of Public Policy, 2012-present.
- Arthur F. Thurnau Professorship, University of Michigan, 2011-present.
- High Table Keynote Address, Virginia Tech Center for Public Administration and Policy, 2011.
- Outstanding Instructor Award, Program in the Environment, University of Michigan, 2010-11.
- Fellow, National Academy of Public Administration, 2009-present.
- Daniel Elazar Award for Career Contribution to the Study of Federalism, Federalism and Intergovernmental Relations Section, American Political Science Association, 2007.
- Climate Protection Award, U.S. Environmental Protection Agency, 2006.
- Lynton Keith Caldwell Award for Outstanding Book on Environmental Politics and Policy, Science, Technology, and Environmental Policy Section, American Political Science Association, 2005.
- Excellence in Education Award, College of Literature, Science, and the Arts, 2005.
- Senior Fellow, University of Michigan Society of Fellows, 2000-2004.
- Excellence in Teaching Award, School of Public Health, University of Michigan, 1997.
- J.E. Hodgetts Award for Outstanding English Language Article in *Canadian Public Administration*, 1995.

Outstanding Young Alumnus Award, Carthage College, 1990.

William Anderson Award, Outstanding Doctoral Dissertation in State and Local Politics, Federalism, and Intergovernmental Relations, American Political Science Association, 1987.

Brookings Institution, Research Fellowship in Governmental Studies, 1983-84.

Edmund Hillman Fellowship in Government and Political Economy, University of Chicago, 1981-82.

Carthage College Senior Leadership Award, 1979.

Spielman Award for Outstanding Scholarship, Character and Service in the Social Sciences, Carthage College, 1978.

RESEARCH GRANTS

“North American Climate Policy,” Meany Family Foundation, 2020-2023 (Principal investigator)

“Energy Policy Durability,” Alfred P. Sloan Foundation and American Academy of Arts & Sciences, 2015-2018 (Co-investigator)

“Great Lakes Policy Research Network Initiative,” Social Sciences and Humanities Research Council of Canada, 2012-2015 (Co-principal investigator)

“Pricing Carbon: Provincial Formation of Energy and Climate Policy,” Canadian Studies Faculty Research Grant Program, 2010-2012 (Principal investigator)

“State and Nation: Michigan Opinion on Climate Change in a National Context,” Center for Local, State, and Urban Policy, University of Michigan, 2010-11.

“The National Conference on Climate Governance,” Emily Hall Tremaine Foundation and Oak Hill Foundation 2008-2010. (Principal Investigator)

“The National Survey on American Public Opinion on Climate Change and Policy,” the WestWind Foundation, 2008-2009. (Co-principal investigator)

“The Climate of Opinion: Public Attitudes toward Global Warming and Policy Alternatives in Michigan and Pennsylvania,” Center for Local, State, and Urban Policy, University of Michigan, 2007-2008. (Principal investigator)

“Nanotechnology and Public Policy,” Nanotechnology and Society Research Group, National Science Foundation, 2006-2010. (Co-investigator)

“Trans-border Environmental Governance,” Woodrow Wilson International Center for Scholars and the Canadian Embassy, 2007-2009. (Co-principal investigator)

“Renewable Mandates: Portfolio Standards as a Tool for Greenhouse Gas Emission Reduction,” Pew Center on Global Climate Change, 2005-2006. (Principal investigator)

- “After Kyoto: Toward Implementation of Greenhouse Gas Reduction Policy in Canada,” Canadian Studies Faculty Research Grant Program, 2003-2005. (Principal investigator)
- “Statehouse and Greenhouse: State-Level Policy Innovation in Greenhouse Gas Reduction,” Pew Center on Global Climate Change, 2000-2002. (Principal investigator)
- “The Politics of Global Climate Change: Implementing a ‘Law of the Atmosphere’ in Canada and the United States,” Canadian Studies Faculty Research Grant Program, 1998-2000. (Principal investigator)
- “The Role of Voluntarism in Radioactive Waste Facility Siting and Management,” Canadian Studies Faculty Research Grant Program, 1996-97. (Principal investigator)
- “The Evolution Toward Cross-Media Regulatory Integration: Experience and Attitudes at the State Level,” President’s Commission on Sustainable Development, 1994-1995. (Principal investigator)
- “The Politics of Pollution Prevention in Canada and the United States,” Canadian Studies Faculty Research Grant Program, 1994-95. (Principal investigator)
- “Consolidated Permitting Approaches,” U.S. Congress, Office of Technology Assessment, 1994. (Principal investigator)
- “Collective Choice and the Siting of Low-Level Radioactive Waste Disposal Facilities in Canada and the United States,” Canadian Studies Faculty Research Grant Program, 1992-1993. (Co-principal investigator)
- “Beyond the NIMBY Syndrome: The Politics of Hazardous Waste Management in Canada and the United States,” Canadian-American Committee of National Planning Association and C.D. Howe Institute, 1991-94. (Principal investigator)
- “Toward Environmental Regulatory Integration in the Great Lakes Basin,” Joyce Foundation, 1991-93. (Principal investigator)
- “The Politics of Cross-Media Pollution in the Great Lakes Basin,” Joyce Foundation, 1990-91. (Principal investigator)
- “Hazardous Waste Facility Siting: Subnational Policy in Canada and the United States,” Canadian Studies Faculty Research Grant Program, 1988-89. (Principal investigator)
- “Ramifications of Subcommittee Governance for Congressional Reauthorization of Superfund,” Conservation Foundation, 1987-88. (Principal investigator)

PUBLICATIONS

Authored Books

Trump, the Administrative Presidency, and Federalism (Washington, D.C.: Brookings Institution Press, 2020). (Co-authored with Frank J. Thompson and Kenneth K. Wong)

Can We Price Carbon? (Cambridge: MIT Press, 2018)

Statehouse and Greenhouse: The Emerging Politics of American Climate Change Policy (Washington, D.C.: Brookings Institution Press, 2004).

Beyond NIMBY: Hazardous Waste Siting in Canada and the United States (Washington, DC: Brookings Institution Press, 1994). (Published jointly with the National Planning Association, Washington, DC, and the C.D. Howe Institute, Toronto).

When Federalism Works (Washington, DC: Brookings Institution Press, 1986). (Co-authored with Paul E. Peterson, and Kenneth K. Wong)

Fragmentation and Integration in State Environmental Management (Washington, DC: Conservation Foundation, 1986).

Edited Books

Environmental Policy: New Directions for the Twenty-First Century, 12th edition. (Washington, D.C.: CQ/Sage, 2025). (Co-edited with Michael E. Kraft and Norman J. Vig)

Environmental Policy: New Directions for the Twenty-First Century, 11th edition. (Washington, D.C.: CQ/Sage, 2022). (Co-edited with Michael E. Kraft and Norman J. Vig)

Greenhouse Governance: Addressing Climate Change in America (Washington, D.C.: Brookings Institution Press, 2010).

Journal Articles

“The Politics of Short-Lived Climate Pollutants and the Politics of Methane,” North American Climate Colloquium Series, International Policy Center (April 2022): 1-38.

“Taxing Flaring and the Politics of State Methane Release Policy,” *Review of Policy Research*, vol. 37, no. 1 (2020): 6-38. (Co-authored with Claire Kaliban and Isabel Englehart)

“Leaving Money on the Table: Pennsylvania Exceptionalism in Resisting Severance Taxes,” *Commonwealth*, vol. 19, no. 1 (2017): 5-32. (Co-authored with Rachel L. Hampton)

“State Energy Policy in the Trump Era: Insights from Public Opinion,” *Journal of Environmental Studies & Sciences*, vol. 7, issue 4 (2017): 535-539. (Co-authored with Sarah B. Mills)

“The Durability of Carbon Cap-and-Trade Policy,” *Governance: An International Journal of Policy, Administration, and Institutions*, vol. 29, no. 1 (2016): 103-119.

“Trusting in the Future: The Re-Emergence of State Trust Funds in the Shale Era,” *Energy Resources & Social Science*, vol. 16 (July 2016): 1-10. (Co-authored with Rachel L. Hampton)

“Individual Discount Rates and Climate Change: Is Discount Rate Associated with Support for a Carbon Tax?” *Climate Change Economics*, vol. 6, no. 4 (November 2015). (Co-authored with David Amdur, Donald Dale, and Christopher Borick)

“Taxing Fracking: The Politics of State Severance Taxes in the Shale Era,” *Review of Policy Research*, vol. 32, no. 4 (July 2015): 389-412. (Co-authored with Rachel L. Hampton)

“Risks and Risk Governance in Unconventional Shale Gas Development,” *Environmental Science & Technology*, vol. 48, no. 15 (August 2014): 8287-8297 (Co-authored with Mitchell J. Small, Paul C. Stern, et al.)

“Weather or Not? Examining the Impact of Meteorological Conditions on Public Opinion regarding Global Warming,” *Weather, Climate and Society*, vol. 6 (July 2014): 413-424. (Co-authored with Christopher P. Borick)

“Shale Play Politics: The Intergovernmental Odyssey of American Shale Governance,” *Environmental Science & Technology*, vol. 48, no. 15 (February 2014): 8369-8375.

“Conventional Politics for Unconventional Drilling? Lessons from Pennsylvania’s Early Move into Fracking Policy Development,” *Review of Policy Research*, vol. 30, no. 3 (2013): 321-340.

“Political Impediments to a Tobacco End-Game,” *Tobacco Control*, vol. 22, no. 3 (2013): 52-54.

“Carbon Taxation and Policy Labeling: Experience from the American States and Canadian Provinces,” *Review of Policy Research*, vol. 29, no. 3 (May 2012): 359-383. (Co-authored with Christopher P. Borick)

“Policy Attitudes toward Climate Science and Climate Policy in Federal Systems: Canada and the United States Compared,” *Review of Policy Research*, vol. 29, no. 3 (May 2012): 335-358. (Co-authored with Erick Lachapelle and Christopher P. Borick).

“Contested Federalism and American Climate Policy,” *Publius: The Journal of Federalism*, vol. 41, no. 3 (Summer 2011): 494-521.

“The Aversion to Direct Cost-Imposition: Selecting Climate Policy Tools in the United States,” *Governance: An International Journal of Policy, Administration, and Institutions*, vol. 23, no. 4 (October 2010): 583-608.

“A Reason to Believe: Examining the Factors that Determine Americans’ Views of Global Warming,” *Social Science Quarterly*, vol. 91, no. 3 (2010): 777-800. (Co-authored with Christopher P. Borick).

“The Absence of Governance: Climate Change in Canada and the United States,” *Canadian-American Public Policy*, vol. 73 (2009): 1-44.

“Public Opinion and Climate Change: Analysis of the Virginia Climate Survey,” *Virginia Environmental Law Journal*, vol. 27, no. 3 (2009): 177-203. (Co-authored with Christopher Borick).

“States on Steroids: The Intergovernmental Odyssey of American Climate Policy,” *Review of Policy Research*, vol. 25, no. 2 (2008): 105-128.

“Comment,” *Arizona Law Review* 50 (3) (2008): 787-792.

“Environmental Policy in the Bush Era: The Collision Between the Administrative Presidency and State Experimentation,” *Publius: The Journal of Federalism* 37 (Summer 2007): 413-431.

“Beyond Kyoto: Designing Policies to Reduce Greenhouse Gases in Competing Federal Systems,” *Governance: An International Journal of Policy, Administration and Institutions* 20 (July 2007): 423-444.

“Race to the Top: The Expanding Role of U.S. State Renewable Portfolio Standards,” *Sustainable Development Law and Policy* 12 (Spring 2007): 10-16.

“State Competition as a Source Driving Climate Change Mitigation,” *New York University Environmental Law Review*, vol. 14, no. 1 (2005): 1-53. (Co-authored with Mikael Román and Arthur Dobelis)

“North American Federalism and Climate Change Policy,” *Widener Law Journal*, Symposium Issue on Climate Change Policy, vol.14, no.1 (2004): 121-172.

“Beyond Siting: Implementing Voluntarism in Waste Facility Siting,” *American Review of Canadian Studies* 30 (Winter 2000): 455-478. (co-authored with J. Becker and R. Levine)

“Federalism and Entrepreneurship: Explaining American and Canadian Innovation in Pollution Prevention and Regulatory Integration,” *Policy Studies Journal* 28 (1999): 288-306.

“Comparative Analysis of Canadian and American Environmental Politics and Policy,” *Policy Studies Journal* 28 (1999): 263-266. (Co-authored with W. Lowry)

“The Politics of Global Climate Change: Implementing a ‘Law of the Atmosphere’ in American States and Canadian Provinces,” *The LaFollette Policy Report* 10 (Spring/Summer 1999): 5-6, 20-24.

“Toward the Sustainable State: Environmental Policy Innovation in Minnesota,” *Journal of Great Lakes Law, Science and Policy* 2 (Fall 1998): 191-210.

“Environmental Risk and the Politics of Assurance,” *Risk Decision and Policy* 2 (December 1997): 245-258. (Co-authored with J.M. Gillroy)

“The Politics of Sustainable Development, Canada-Style,” *Canadian Public Administration* 40 (Fall 1997): 415-435.

“The Politics of Ecosystem Management in the Great Lakes Basin,” *American Review of Canadian Studies* 27 (Autumn 1997): 411-436.

“An Empirical Examination of Innovations in Integrated Environmental Management: Experience in the Great Lakes Basin,” *Public Administration Review* 56 (July/August 1996): 372-381.

“Integrating Mine Permitting Processes,” *Journal of Solid Waste Management and Technology* 23 (May 1996): 107-110.

“Integrated Environmental Permitting: Experience and Innovation at the State Level,” *State and Local Government Review* 27 (Fall 1995): 209-220. Reprinted in *National Environmental Enforcement Journal* 12 (April 1997): 3-12.

“The Evolution of Regional Regulatory Integration: Regime Emergence in the Great Lakes Basin,” *International Environmental Affairs* 7 (Fall 1995): 346-363. (Co-authored with J.B. Zimmerman)

- “Integrating Environmental Regulation: Permitting Innovation at the State Level,” *Journal of Policy Analysis and Management* 14 (Summer 1995): 467-472.
- “Alternatives to NIMBY Gridlock: Voluntary Approaches to Radioactive Waste Facility Siting in Canada and the United States,” *Canadian Public Administration* 37 (Winter 1995): 644-666. (Co-authored with William Gunderson, and Peter Harbage)
- “Beyond Environmental Regulatory Fragmentation: Signs of Integration in the Great Lakes Basin,” *Governance: An International Journal of Policy and Administration* 8 (January 1995): 58-78. (Co-authored with Janet B. Zimmerman)
- “Voluntarism in the Siting of Hazardous Waste Facilities: Replication of the Initial Canadian Breakthrough,” *Journal of Resource Management and Technology* 21 (March 1994): 3-20.
- “NIMBY and MAYBE: Conflict and Cooperation in the Siting of Low-Level Radioactive Waste Disposal Facilities in the United States and Canada,” *Environmental Law* 24 (Winter 1994): 67-122. (Co-authored with William Gunderson, Hilary A. Frazer, and John M. Gillroy)
- “When Siting Works, Canada-Style,” *Journal of Health Politics, Policy and Law* 17 (Spring 1992): 119-142.
- “The Politics of Cross-Media Environmental Regulatory Integration: The Case of the Great Lakes,” *Environmental Law* 22 (1992): 253-279. (Co-authored with Janet B. Zimmerman)
- “From Pollution Control to Pollution Prevention: The Gradual Transformation of American Environmental Regulatory Policy,” *Environmental and Planning Law Journal* 8 (September 1991): 226-231.
- “Hazardous Waste Export in North America: Problems and Policy Options,” *International Environmental Affairs* 3 (Spring 1991): 108-123.
- “Beyond the NIMBY Syndrome in Hazardous Waste Facility Siting: The Albertan Breakthrough and the Prospects for Cooperation in Canada and the United States,” *Governance: An International Journal of Policy and Administration* 4 (April 1991): 184-206. Reprinted in *Tensions at the Border*, ed. Jonathan Lemco (New York: Praeger, 1992): 141-163. Reprinted in *Critical Studies in Organization and Bureaucracy*, eds. Frank Fischer and Carmen Sirianni (Philadelphia: Temple University Press, 1994): 622-643.
- “Environmental Regulation in New Jersey: Innovations and Limitations,” *Publius: The Journal of Federalism* 21 (Winter 1991): 83-103.
- “Legislative Incapacity: Congressional Policymaking and the Case of Superfund,” *Journal of Health Politics, Policy and Law* 15 (Fall 1990): 571-590.
- “Low-Level Radioactive Waste Disposal and the Revival of Environmental Regionalism in the United States,” *Environmental and Planning Law Journal* 7 (September 1990): 171-180.
- “Toward Cooperation in North American Hazardous Waste Facility Siting,” *Canada-U.S. Outlook* 1 (May 1990): 87-103.
- “A Typology of Policy Interventions for Licit and Illicit Drugs,” *British Journal of Addiction*: 85 (1990): 255-262. (Co-authored with Kenneth E. Warner, Toby Citrin, George Pickett, Alex Wagenaar, and Jeffrey Stryker)
- “Cross-Media Environmental Regulatory Integration: The Case of Canada,” *American Review of Canadian Studies* 19 (Fall 1989): 261-273.

“The Eclipse of Health Departments and Local Governments in American Environmental Regulation,” *Journal of Public Health Policy* 9 (Fall 1988): 376-392.

“Toward the Next Federalism,” *Forum for Applied Research and Public Policy* 3 (Fall 1988): 5-15.

“The Politics of Alternative Dispute Resolution in American Environmental Policy,” *Policy Studies Journal* 16 (Spring 1988): 585-601.

“The Refederalization of American Health Care,” *Medical Care Review* 44 (Spring 1987): 37-63. Reprinted in *Policy Studies Review Annual* 9 (New Brunswick, NJ: Transaction, 1989).

“Beyond Legislation: The Question of Implementation in Mental Health Policy,” *Mental Retardation Systems* 2 (May 1985): 9-22. (Co-authored with Jeffrey M. Anderson)

“The Role of Interest Groups in the Formation of Educational Policy,” *Teachers College Record* 84 (Spring 1983): 708-729; 748-752. (Co-authored with Paul E. Peterson)

“Educational Policy Implementation: Are Block Grant Proposals Based on Out-of-Date Research?” *Issues in Education* 1 (Winter 1983): 1-30. Reprinted in *Policy Studies Review Annual* 7 (New Brunswick, NJ: Transaction, 1985). (Co-authored with Paul E. Peterson)

Book Chapters

“Can Democracy and Capitalism Protect the Climate?” in *Can Democracy and Capitalism Be Reconciled?* Sidney Milkis and Scott Miller eds. (Oxford: Oxford University Press, 2025).

“Carbon Pricing,” in *Encyclopedia of Climate Policy*, Daniel Fiorino ed. (Cheltenham, United Kingdom: Edward Elgar, 2024): 29-33.

“Racing to the Top, the Bottom, or the Middle of the Pack? The Evolving State Government Role in Environmental Protection,” in *Environmental Policy: New Directions for the Twenty-First Century*, 12th edition (Washington, D.C.: CQ/SAGE Press, 2025): 33-56. Revised from seven prior versions.

“Emerging Challenges in Environmental Policy,” in *Environmental Policy: New Directions for the Twenty-First Century*, 12th edition (Washington, D.C.: CQ/SAGE Press, 2025): 311-322. (Co-authored with Michael Kraft)

“Climate Governance and Federalism in the United States,” in *Federalism and Climate Governance*, Joana Selzer, Sébastien Jodoin, and Alan Fenna eds. (Cambridge: Cambridge University Press, 2022). (Co-authored with Hannah Smith)

“Environmental Policy in Crisis,” in *Environmental Policy: New Directions for the Twenty-First Century*, 11th edition (Washington, D.C.: CQ/Sage Press, 2022): 347-374. (Co-authored with Michael Kraft and Norman Vig)

“Leveraged Federalism and the Clean Air Act: The Case of Vehicle Emissions Control,” in *Lessons from the Clean Air Act: Building Durability and Adaptability into US Climate and Energy Policy*, Ann Carlson and Dallas Burtraw eds. (New York: Cambridge University Press, 2019): 113-158.

“Whither Canadian Climate Policy in the Trump Era,” in *Canada-U.S. Relations: Sovereignty or Shared Institutions?* David Carment and Christopher Sands eds. (London: Palgrave Macmillan, 2019): 239-260. (Co-authored with Brendan Boyd)

“Contested Federalism and Fracking,” in *Environmental Governance Reconsidered: Challenges, Choices, and Opportunities*, Rosemary O’Leary, Daniel Fiorino, and Robert Durant eds. (Cambridge: MIT Press, 2017): 133-164.

“Personal Experience, Extreme Weather Events, and Perception of Climate Change,” *Oxford Research Encyclopedia of Climate Science* (Oxford: Oxford University Press, 2017). (Co-authored with Christopher Borick).

“A New Era of States’ Climate Policies,” in *Changing Climate Politics: U.S. Policies and Civic Action*, Yael Wolinsky ed. (Washington, D.C.: CQ/Sage, 2015).

“Climate Compared: Intergovernmental Pathways in Canada and the United States,” in *Comparing Canada: Methods and Perspective on Canadian Politics*, Luc Turgeon, Martin Papillon, Jennifer Wallner, and Stephen White eds. (Vancouver: University of British Columbia Press, 2014): 222-246. (Co-authored with David Houle and Erick Lachapelle)

“Bottom-Up Versus Top-Down: The Evolving American Climate Policy Odyssey,” in *Multilevel Environmental Governance*, Inger Weibust and James Meadowcroft eds. (London: Edward Elgar, 2014): 131-153.

“The Challenge of Regionalism: Integrating State and Provincial Climate Strategies,” in *Climate Change Policy in North America: Designing Integration in a Regional System*, Neil Craik, Isabel Studer, and Debora VanNijnatten eds. (Toronto: University of Toronto Press, 2013), 71-107.

“Governance Lessons from the Health Care and Environment Sectors,” *Education Governance for the Twenty-First Century: Overcoming the Structural Barriers to School Reform*, Paul Manna and Patrick McGuinn eds. (Washington, D.C.: Brookings Institution Press, 2013): 275-300.

“American Federalism and Climate Change: Policy Options and Public Opinion,” in *Climate Change and Land Policies*, Gregory Y. Ingram and Yu-Hung Hong eds. (Cambridge: Lincoln Institute of Land Policy, 2011): 389-406.

“The ‘Impossible Dream’ of Carbon Taxes: Is the ‘Best Answer’ a Political Non-Starter?” in *Greenhouse Governance*, Rabe ed. (Washington, D.C.: Brookings Institution Press, 2010), pp. 126-157.

“Can Congress Govern the Climate?” in *Greenhouse Governance*, Rabe ed. (Washington, D.C.: Brookings Institution Press, 2010), pp. 260-285.

“Introduction: The Challenges of U.S. Climate Governance” and “Conclusion,” in *Greenhouse Governance*, Rabe ed. (Washington, D.C.: Brookings Institution Press, 2010), pp. 3-23 and 353-366.

“States and the Governance of Nanotechnology,” *Regulating Uncertainty*, Christopher Bosso ed. (Washington, D.C.: Resources for the Future Press, 2010), pp. 105-130.

“The Intergovernmental Dynamic of American Climate Change Policy,” in *Carbon Pricing and Environmental Federalism*, Thomas J. Courchene and John R. Allan eds. (Montreal: McGill-Queen’s University Press, 2010), pp. 129-157.

- “Governing the Climate from Sacramento,” *Unlocking the Power of Networks*, Stephen Goldsmith and Donald F. Kettl eds. (Washington, D.C.: Brookings Institution Press, 2009), pp. 34-61.
- “Second Generation Climate Policies in the American States: Proliferation, Diffusion, and Regionalization,” *Changing Climates in North America*, Henrik Selin and Stacy VanDeveer eds. (Cambridge: MIT Press, 2009), pp. 67-85. Earlier version published in *Issues in Governance Studies*, vol. 6 (August 2006): 1-9. Earlier version also published as “Taking it to the States,” in *Ignition: What You Can Do to Fight Global Warming*, Jon Isham and Sissel Waage eds. (Washington, D.C.: Island Press, 2007), pp. 223-238.
- “Climate Change and Multilevel Governance: The Evolving Local and State Roles,” in *Toward Sustainable Communities*, Daniel A. Mazmanian and Michael E. Kraft eds., 2nd edition (Cambridge: MIT Press, 2009), pp. 201-225. (Co-authored with Michele M. Betsill).
- “Sustainability in a Regional Context: The Case of the Great Lakes Basin,” in *Toward Sustainable Communities*, Daniel A. Mazmanian and Michael E. Kraft eds., 2nd edition (Cambridge: MIT Press, 2009), pp. 289-314. (Co-authored with Marc Gaden). (Revised version from 1st edition, 1999).
- “Regionalism and Global Climate Change Policy: Revisiting Multistate Collaboration as an Intergovernmental Management Tool,” in *Intergovernmental Management for the 21st Century*, Timothy Conlan and Paul Posner eds. (Washington, D.C.: Brookings Institution Press, 2008), pp. 176-205. Revised version published as “The Complexities of Carbon Cap-and-Trade Policies: Early Lessons from the States,” *Governance Studies Newsletter* (October 2008), pp. 1-15.
- “Business Influence in State-Level Environmental Policy,” in *Business and Environmental Policy*, Michael E. Kraft and Sheldon Kamieniecki eds. (Cambridge: MIT Press, 2007), pp. 265-297. (Co-authored with Philip Mundo)
- “Challenges to Climate Policy Development in Canada’s Multi-Level Governance System,” in *Comparative Trends and Smart Practices in Public Management*, Colin Campbell ed. (Ottawa: Canada School for Public Service, 2006), pp. 71-85.
- “Power to the States: The Promise and Pitfalls of Decentralization,” in *Environmental Policy: New Directions for the Twenty-first Century*, Norman J. Vig and Michael E. Kraft eds. (Washington DC: CQ Press, 2006): 34-56. (Revised version from 1996, 2000 and 2003 editions; revised version with new title in press)
- “Nuclear Waste Disposal,” in *The Government Taketh Away: The Politics of Pain in the United States and Canada*, Leslie Pal and R. Kent Weaver eds. (Washington, DC: Georgetown University Press, 2003): 195-232.
- “Sustainable Development and State Environmental Policy,” in *The Moral Austerity of Environmental Decision-Making: Sustainability and Democracy*, John Martin Gillroy and Joe Bowersox eds. (Durham: Duke University Press, 2002): 91-114.
- “Permitting, Prevention, and Integration: Lessons from the States,” in *Environmental Governance*, Donald Kettl ed. (Washington, D.C.: Brookings Institution, 2002): 14-57.
- “Comment,” in *Comparative Disadvantages?* Pietro Nivola ed. (Washington, D.C.: Brookings Institution, 1997): 232-237.

“Voluntarism in Siting Radioactive Waste Facilities,” in *Hazardous Waste Siting and Democratic Choice*, Donald Munton ed. (Washington, DC: Georgetown University Press, 1996): 84-107. (Co-authored with W. Gunderson and P.T. Harbage)

“The Politics of Environmental Health,” in *Health Politics and Policy*, Theodor Litman and Leonard Robbins eds. (New York: Delmar, 1996): 384-401.

“Intrinsic Value and Public Policy Choice,” in *Environmental Risk, Environmental Values, and Political Choices*, John M. Gillroy ed. (Boulder, Colorado: Westview, 1993): 150-170. (Co-authored with J.M. Gillroy)

“Impediments to Environmental Dispute Resolution in the American Political Context,” in *Alternative Dispute Resolution in the Public Sector*, Miriam K. Mills ed. (Chicago: Nelson-Hall, 1992): 143-163.

“The Maturation of Redistributive Programs,” in *Education Policy Implementation*, Allan R. Odden ed. (Albany: State University of New York Press, 1991): 65-80. (co-authored with P.E. Peterson, and K.K. Wong)

“The Hazards of Institutionalizing Mediation in the Siting of Hazardous Waste Facilities,” in *Conflict Resolution and Public Policy*, Miriam K. Mills ed. (New York: Greenwood, 1990): 3-20.

“Overcoming Fragmentation in Canadian Environmental Management,” in *Integrated Pollution Control in Europe and North America*, Frances Irwin and Nigel Haigh eds. (Washington, DC: Conservation Foundation, 1990): 85-101.

“Cross-Media Regulatory Innovation in the American States,” in *Integrated Pollution Control in Europe and North America*, Frances Irwin and Nigel Haigh eds. (Washington, DC: Conservation Foundation, 1990): 67-83.

“Environmental Control,” in *Public Health Administration*, George Pickett and John Hanlon eds. (St. Louis: C.V. Mosby, 1990): 331-341.

“Environmental Health Policy,” in *Public Health Administration*, George Pickett and John Hanlon eds. (St. Louis: C.V. Mosby, 1990): 317-330.

“Leader or Laggard? The Role of State Governments in Integrating Environmental Management,” in *Multimedia Approaches to Pollution Control* (Washington, DC: National Academy Press, 1988): 123-129.

“The Evolution of a New Cooperative Federalism,” in *Handbook on Research on Educational Administration*, ed. Norman J. Boyan (New York: Longman, 1987): 467-485. (Co-authored with P.E. Peterson)

“Urban Vocational Education and Managing the Transition from School to Work,” in *Finding Work: Cross-National Perspectives on Employment and Training*, ed. Ray C. Rist (London: Falmer Press, 1986): 55-86. (Co-authored with P.E. Peterson)

Reviews

Review of *Climate and Clean Energy Policy: State Institutions and Economic Implications* by Benjamin Deitchman and *Political Opportunities for Climate Policy* by Roger Karapin, *Publius: The Journal of Federalism* 48, no. 4 (2018).

Review of *Not Here, Not There, Not Anywhere: Politics, Social Movements, and the Disposal of Low-Level Radioactive Waste* by Daniel Sherman, *Review of Policy Research* 30 (January 2013): 136-137.

Review of *Carbon Coalitions: Business, Climate Politics, and the Rise of Emissions Trading* by Jonas Meckling, *Journal of Economic Literature* 50 (December 2012): 1143-1145.

Review of *Corporate America and Environmental Policy* by Sheldon Kamieniecki, *Review of Policy Research* 25 (November 2008): 579-580.

Review of *Regulation in the States* by Paul Teske, *Journal of Public Administration Research and Theory* 16 (January 2006): 139-141.

Review of *Hard Choices: Climate Change in Canada*, Harold Coward and Andrew J. Weaver eds., *Environmental Reviews* 13 (June 2005): 85-86.

Review of *Love Canal to Environmental Justice* by Thomas H. Fletcher, *Journal of Health, Politics, Policy and Law* 29 (April 2004): 322-325.

Review of *Radioactive Waste Disposal at Sea* by Lasse Ringius, *Political Science Quarterly* 117 (Winter 2002-03): 719-720.

Review of *Federalism and the Environment*, Kenneth M. Holland, F.C. Morton, and Brian Galligan eds., *International Environmental Affairs* 8 (Fall 1996): 364-365.

Review of *Risk, Science and Politics* by Kathryn Harrison and George Hoberg, *Journal of Health Politics, Policy and Law* 21 (Summer 1996): 373-376.

Review of *The System: The American Way of Politics at the Breaking Point* by Haynes Johnson and David Broder, *Detroit Free Press* (May 29, 1996): 3C.

Review essay of *Siting Low-Level Radioactive Waste Disposal Facilities* by Mary English and *The Politics of Radioactive Waste* by Ray Kemp, *Governance: An International Journal of Policy and Administration* 7 (January 1994): 99-100.

Review of *Pesticides and Politics: The Life Cycle of a Public Issue* by Christopher J. Bosso, *Journal of Health Politics, Policy and Law* 15 (Summer 1990): 455-457.

Review essay of *American Federalism and Public Policy* by Thomas J. Anton, *New Federalism: Intergovernmental Reform from Nixon to Reagan* by Timothy Conlan, and *National Intergovernmental Programs* by Robert Jay Dilger, *Publius: The Journal of Federalism* 19 (Fall 1989): 245-249.

Review of *Policy Design and the Politics of Implementation: The Case of Child Health Policy* by Malcolm L. Goggin, *American Political Science Review* 82 (March 1988): 289-90.

“The Difficulties of Defederalizing,” *Research in Urban Policy* 2 (1986): 93-94.

Review of *Turing's Man: Western Culture in the Computer Age* by J. David Bolter, *The Christian Century*. (July 18-25, 1984): 486-87.

Review of *An Immodest Agenda: Rebuilding America Before the 21st Century* by Amitai Etzioni, *The Christian Century*. (April 13, 1983): 345-46.

Policy Reports and Essays

“Methane Emissions: Can the United States and China Find Common Ground?” *New Security Beat*, Wilson Center, (June 11, 2024).

“Addressing Short-Lived Climate Pollutants after COP28,” *TechTank*, Brookings Institution (January 23, 2024).

“To Price or Not to Price: Dilemmas and Implications for Brussels and Washington,” *Thinking Canada*, Vol. 18, Issue 1. Wilson Center, Canada Institute (January 2024). (Co-authored with Brendan Boyd)

“Carbon Pricing Enters Middle Age,” Environmental Change and Security Program and Wahba Institute for Strategic Competition, Wilson Center (June 8, 2023).

“Taxing Short-Lived Climate Pollutants,” *Environmental Forum* 40 (May/June 2023).

“Methane Comes Front and Center in Climate Change Policy,” *FixGov*, Brookings Institution (January 6, 2023).

“Pivoting from Global Climate Laggard to Leader: Kigali and American HFC Policy,” *FixGov*, Brookings Institution (September 23, 2022).

“Ratifying Kigali: Can the U.S. Go the Distance on a Global Climate Treaty?” *FixGov*, Brookings Institution (May 23, 2022).

“Emission Reduction Remains Public’s Preferred Approach to Climate Change,” *FixGov*, Brookings Institution (May 10, 2022) (Co-authored with Christopher Borick)

“A Possible North American Path Forward on Short-Lived Climate Pollutants,” *FixGov*, Brookings Institution (April 11, 2022)

“How Technology Can Help with Methane Regulation,” *TechTank*, Brookings Institution (November 16, 2021)

“Addressing Methane: Lessons from Colorado,” *FixGov*, Brookings Institution (September 16, 2021).

“When Climate Policy Works: HFCs and the Case of Short-Lived Climate Pollutants,” *FixGov* (May 24, 2021). Revised version with same title published in *Milken Institute Review* (September 15, 2021).

“Containing Methane Emissions,” *Milken Institute Review* (August 16, 2021).

“Climate Politics: What Congressional Democrats Can Learn from State Legislatures,” *FixGov*, Brookings Institution (January 27, 2021)

“Pivot from Methane Leader to Laggard,” *Planet Policy*, Brookings Institution (November 23, 2020).

“Steward Natural Resources and Address Climate Change: An Agenda for 2021,” Report of the National Academy of Public Administration Election 2020 Project (October 26, 2020). (Co-authored with Bob Perciasepe, Nicole Darnell, Bill Drayton, Daniel Fiorino, Jay Fisette, Stan Meiberg, Susan Offutt and Lynn Scarlett).

- “The Administrative Presidency Meets Federalism: Hostile Takeovers in the Trump Era,” *Government Executive* (October 13, 2020). (Co-authored with Frank J. Thompson and Kenneth K. Wong)
- “The Path to Land and Water Conservation—and Its Broader Lessons for Carbon,” Niskanen Center Commentary (July 16, 2020)
- “The Limitations of a Climate Change Presidency,” *FixGov*, Brookings Institution (June 23, 2020)
- “Taxing Flaring and the Politics of Methane,” Niskanen Center Commentary (February 18, 2020).
- “The Politics of Methane,” *FixGov*, Brookings Institution (July 8 2019).
- “The Economics—and Politics—of Carbon Pricing,” *FixGov*, Brookings Institution (October 25, 2018)
- “Fuel Economy, Electric Vehicle Rebates, and Gas Taxes: 10 Years of Transportation Policies in the NSEE,” *Issues in Energy and Environmental Policy* (No. 38, July 2018): 1-24. (Co-authored with Sarah Mills, Natalie Fitzpatrick, Christopher Borick, and Erick Lachapelle)
- “American Opinions on Carbon Taxes and Cap-and-Trade: 10 Years of Carbon Pricing in the NSEE,” *Issues in Energy and Environmental Policy* (No. 35, June 2018): 1-35.
- “Should State and Local Governments Address Climate Change: 10 Years of Climate Federalism in the NSEE,” *Issues in Energy and Environmental Policy* (No. 34, March 2018): 1-17. (Co-authored with Sarah Mills, Natalie Fitzpatrick, Christopher Borick, and Erick Lachapelle)
- “Can States Deliver on Climate Promises?” *FixGov*, Brookings Institution (January 26, 2018)
- “Coal, Natural Gas and Pipelines: 10 Years of Fossil Fuels in the NSEE,” *Issues in Energy and Environmental Policy* (No. 33, January 2018): 1-18. (Co-authored with Sarah Mills, Natalie Fitzpatrick, Christopher Borick, and Erick Lachapelle)
- “Carbon Pricing Durability and the Case of California,” *FixGov*, Brookings Institution (August 30, 2017)
- “Strong Public Support for State-level Policies to Address Climate Change,” *Issues in Energy and Environmental Policy* (No. 31, June 2017): 1-10. (Co-authored with Sarah Mills and Christopher Borick)
- “Leaving Money on the Table,” *Pittsburgh Post-Gazette* (June 10, 2017). (Co-authored with Rachel L. Hampton)
- “Americans Prefer Renewable Energy Requirements Over a Carbon Tax,” *New Security Beat* (January 30, 2017). (Co-authored with Sarah Mills and Christopher Borick)
- “Federalism and Climate Policy, Canada-Style,” *Wilson Perspectives: The Paris Climate Agreement* (December 18, 2015).
- “American Attitudes about the Clean Power Plan and Policies for Compliance,” *Issues in Energy and Environmental Policy* (No. 27, December 2015): 1-12. (Co-authored with Sarah Mills and Christopher Borick)
- “Acceptance of Global Warming Rising for Americans of All Religious Beliefs,” *Issues in Energy and Environmental Policy* (No.26, November 2015): 1-10. (Co-authored with Sarah Mills and Christopher Borick)

“Acceptance of Global Warming Among Americans Reaches Highest Level Since 2008,” *Issues in Energy and Environmental Policy* (No. 25, October 2015): 1-8. (Co-authored with Christopher Borick and Sarah Mills)

“How PA Can Get Severance Tax Right,” *Philadelphia Inquirer* (August 2, 2015).

“Belief in Global Warming Among Americans Gradually Increases Following the Winter of 2015,” (No. 24, July 2015): 1-12. (Co-authored with Christopher Borick and Sarah Mills)

“Cap-and-Trade Support Linked to Revenue Use,” *Issues in Energy and Environmental Policy* (No. 23, June 2015): 1-17. (Co-authored with Sarah Mills and Christopher Borick)

“Public Support for Regulation of Power Plant Emissions Under the Clean Power Plan,” *Issues in Energy and Environmental Policy* (No. 19, January 2015): 1-8. (Co-authored with Sarah Mills and Christopher Borick)

“Acceptance of Global Warming Among Americans Moderately Increases in Late 2014,” *Issues in Energy and Environmental Policy* (No. 19, February 2015): 1-8. (Co-authored with Christopher Borick and Sarah Mills)

“Public Perceptions of Shale Gas Extraction and Hydraulic Fracturing in New York and Pennsylvania,” *Issues in Energy and Environmental Policy* (No. 14, September 2014): 1-17. (Co-authored with Erick Lachapelle and Christopher Borick)

“Public Views on a Carbon Tax Depend on the Proposed Use of Revenue,” *Issues in Energy and Environmental Policy* (No. 13, July 2014). (Co-authored with David Amdur and Christopher P. Borick).

“The Decline of Public Support for State Climate Change Policies: 2008-2013,” *Issues in Energy and Environmental Policy* (No. 7, March 2014). (Co-authored with Christopher P. Borick).

“The Changing Climate of Opinion on Global Warming,” *Orange County Register* (September 27, 2013). (Co-authored with Christopher P. Borick)

“Public Opinion on Fracking: Perspectives from Michigan and Pennsylvania,” Center for Local, State, and Urban Policy, Gerald R. Ford School of Public Policy (May 2013): 1-22. (Co-authored with Erica Brown, Kristine Hartman, Christopher Borick, and Thomas Ivacko).

“Findings Report for Belief-Related Questions on Climate Change,” Center for Local, State, and Urban Policy (March 2013): 1-9. (Co-authored with Christopher P. Borick)

“Public Opinion on Climate Policy Options,” Center for Local, State and Urban Policy (December 2012): 1-10. (Co-authored with Christopher P. Borick)

“Il a été moins efficace que la récession économique,” *Alternatives Internationales*, (no, 56) (September 2012): 35-36.

“Americans Cool to Geoengineering as a Response to Climate Change,” *Issues in Governance Studies*, Governance Studies Program, Brookings Institution, no. 47, (April 2012): 1-8.

“The Evolving American Approach to Climate Change: Consequences for Canada,” report prepared for the Canadian National Round Table on the Environment and the Economy, Environment Ministry of Canada (March 2012): 1-29.

“Belief in Global Warming on the Rebound,” *Issues in Governance Studies*, Governance Studies Program, Brookings Institution, no. 45 (February 2012): 1-8. (Co-authored with Christopher Borick).

- “Gas Drillers’ New Wild West,” *Philadelphia Inquirer* (February 16, 2012): A23. (Co-authored with Christopher Borick)
- “Fracking for Natural Gas: Public Opinion on State Policy Options,” Center for Local, State, and Urban Policy, University of Michigan (February 2011): 1-10. (Co-authored with Christopher Borick)
- “Climate Compared: Public Opinion on Climate Change in the United States and Canada,” *Issues in Governance Studies*, Governance Studies Program, Brookings Institution, no 39 (April 2011): 1-15. Earlier version released by Center for Local, State and Urban Policy, University of Michigan, February 2011: 1-12. (Co-authored with Erick Lachapelle and Christopher Borick)
- “Environmental Governance on the 49th Parallel: New Century, New Approaches,” Conference proceedings edited with Stephen Brooks (Washington, D.C.: Woodrow Wilson International Center for Scholars, 2009): 1-242.
- “The Climate of Belief: American Public Opinion on Climate Change,” *Issues in Governance Studies*, Governance Studies Program, Brookings Institution, no. 31 (January 2010): 1-15. (Co-authored with Christopher P. Borick)
- “Climate Policy Blueprint: Report of the National Conference on Climate Governance,” Miller Center of Public Affairs at the University of Virginia, 2009: 14-57.
- “Governing the Climate,” *The Environmental Forum*, vol. 26, no. 5 (September/October 2009), pp. 36-42.
- “Climate Change and the Realities of American Federalism,” Transatlantic Climate Policy Group (September 2008): 1-5.
- ‘Can Congress Govern the Climate?’ published by the Legislating for the Future Project of the John Brademas Center for the Study of Congress at New York University and the Brookings Institution (March 2007) : 1-13. Revised version published in conjunction with Opportunity 08 project of the Brookings Institution. Presented at Congressional staff briefing, April 2007.
- ‘Race to the Top : The Expanding Role of U.S. State Renewable Portfolio Standards’ (Arlington : Pew Center on Global Climate Change, 2006) : 1-36.
- ‘Race to the Top—The Expanding State Use of Renewable Portfolio Standards,’ *ECOStates* (Summer 2006) : 17-19.
- “En Amérique, Les États Contrent Bush,” *Alternatives Internationales* (May-June 2004) : 38-39
- “States and Climate Policy: The Unexpected Turn,” *ECOStates* (Spring 2004): 16-19.
- “Greenhouse & Statehouse: The Evolving State Government Role in Climate Change,” (Arlington: Pew Center on Global Climate Change, 2002): 1-46.
- “Statehouse and Greenhouse: How States are Taking the Lead on Global Climate Change,” *Brookings Review* 20 (Spring 2002): 11-13.
- “DNR Split Endangers Environment,” *Detroit Free Press* (August 6, 1995): 3F.
- “Deal With It, Don’t Ignore It,” *Detroit Free Press* (February 12, 1995): 3F.
- “Waste Disposal Needs An Equity Approach,” *Newsday* (January 24, 1995): A28.
- “The Canadian Model for TSD Siting Racks Up Another Win,” *EI Digest* (August 1994): 11-16.

“Reform US Waste Site Selection,” *The Christian Science Monitor* (June 1, 1993): 18.

“The Hazards of Hazardous Waste Exports,” *The Christian Science Monitor* (March 1, 1991): 19.

“Environmental Policy in a Federal Context: The Case of New Jersey,” report prepared for the Netherlands Ministry of Housing, Physical Planning and Environment in collaboration with the Conservation Foundation (1989): 1-28.

“EPA's Reilly a Breath of Fresh Air,” *Detroit News* (January 20, 1989); “A Fresh Environment for the EPA,” *Chicago Tribune* (March 25, 1989); “What Will EPA's Reilly Do After Honeymoon?” *Atlanta Constitution* (March 25, 1989).

“The Real Issue: Helping People, Not Places,” *The Christian Science Monitor* (December 17, 1986): 16. (Co-authored with Paul E. Peterson, and Kenneth K. Wong)

Media Engagement

Interviewed and quoted in the following (*denotes multiple references): *New York Times**, *Scientific American**, *Wall Street Journal**, *Washington Post**, *Christian Science Monitor**, *Economist**, *Guardian**, *Financial Times**, *TIME**, *Newsweek*, *USA Today**, *U.S. News & World Report**, *Los Angeles Times**, *Chicago Tribune**, *Politico**, *The Hill**, *Hill-Times**, *Huffington Post**, *Grist**, *Vox**, *Roll Call**, *Axios**, *Pittsburgh Post-Gazette**, *Seattle Times**, *Houston Chronicle*, *Denver Post**, *Washington Times**, *Washington Examiner**, *Columbus Dispatch*, *Casper Star Tribune*, *CQ Weekly*, *PBS NewsHour*, C-SPAN, CNBC, *NPR All Things Considered**, *NPR Marketplace**, *NPR Morning Edition**, *NPR Talk of the Nation*, *NPR Inside Energy*, *NPR It's All Politics*, *CBC Power and Politics*, CBC Radio, CTV, BBC Radio, ABC, NBC and CBS-TV affiliates*, CNBC, NHK World Japan, *National Journal**, *Governing**, Virginia Public Television, Michigan Public Television, *Detroit Free Press**, *Detroit News**, *Des Moines Register*, *Metro Times**, *Greenwire**, *Argus Air Daily*; *E&E News**, *New Energy*, *El Ciervo*, *LaCroix*, *Globe and Mail**, *Sydney Morning Herald*, Michigan Public Radio*, Nevada Public Radio, Prairie Public Radio*, Wisconsin Public Radio*, Voice of America, Bloomberg.com, Bloomberg Politics, Bloomberg Businessweek, Bloomberg Law, *Business Insider*, Reuters, Time Warner Cable News, *Forbes*, *Climate Wire**, *Inside Climate News**, *Inside EPA/Climate**, Real Clear Policy, Nature World News, Associated Press*, United Press International, *Alternatives Internationales*, Cronkite News, Spectrum News, Discovery News, *Wilson NOW**, *Resources Radio*, *Science of Politics*.

Invited Talks (*denotes multiple talks)

Agriculture and Applied Economics Association, Allied Social Sciences Association, American Academy of Arts and Sciences*, American Enterprise Institute*, American Society of Public Administration*, American University*, Aspen Institute, Aspen Institute Congressional Dialogue Program, Autonomous University of Barcelona, Bowdoin College, Brookings Institution*, Brown University*, Canadian Embassy*, Carnegie Endowment for International

Peace, Carthage College, C.D. Howe Institute*, Colgate University, College of William and Mary, Connecticut College, Dartmouth College*, Erb Institute for Global Sustainable Enterprise, Environmental Law Institute, Fordham University, Georgetown University*, Harvard University*, Indiana University*, Indiana State University, Interdisciplinary Committee on Organizational Studies (ICOS) at the University of Michigan, Kauper Lecture at the University of Michigan, Michigan State University, Muhlenberg College*, National Academy of Public Administration*, National Conference of State Legislatures, National Governors' Association, National Research Council*, New York University*, Northwestern University, Ohio University, Peterson Institute of International Economics, Pew Center for Global Climate Change, Pricing Carbon Dialogue*, Purdue University*, Queen's University*, Renmin University, Resources for the Future*, Rockefeller Brothers Fund, Ryerson University*, Swarthmore College, UBS,* Syracuse University, University of Arizona, University of British Columbia*, University of Edinburgh, University of Maryland, University of Michigan Society of Fellows, University of Missouri, University of North Carolina*, University of North Dakota, University of Nevada at Las Vegas, University of New Hampshire, University of Oklahoma, University of Ottawa*, University of Pennsylvania, University of Pittsburgh, University of Toronto*, University of Vermont*, University of Virginia*, University of Waterloo, University of Windsor*, University of Wisconsin-Madison, Vanderbilt University, Virginia Tech University*, Washington University*, Western Political Science Association, Wilfrid Laurier University, Wingspread Foundation, Woodrow Wilson International Center for Scholars*, World Bank*, Yale University.

Major Conference Papers Since 2000

“Can Democratic Capitalism Protect the Climate?” paper presented at the Democracy and Capitalism Scholars Conference, University of Virginia, Charlottesville, 2023.

“Methane and the Politics of Politically Enforced Neglect,” paper presented at the Annual Meeting of the American Political Science Association, Seattle, 2021. Earlier version presented at the 2021 North American Colloquium Workshop on Climate Change.

“Taxing Flaring and the Politics of State Methane Policy,” paper presented at the Annual Meeting of the American Political Science Association, Boston, 2018. (Co-authored with Claire Kaliban and Isabel Engelhart). Revised versions presented at the Oil and Gas, Natural Resources, and Energy Journal Symposium, 2019, University of Oklahoma College of Law and the Transatlantic Perspectives on Energy and Cities Workshop at the University of Pittsburgh European Studies Center, 2019.

“Whither Canadian Climate Policy in the Trump Era?” paper presented at the workshop of the Canada Among Nations Project, School for Advanced International Studies, Washington, D.C., 2018 (Co-authored with Brendan Boyd)

“The Political Feasibility of Carbon Pricing: Lessons from a Decade of American Public Opinion,” paper presented at the Annual Meeting of the Association for Environmental Studies and Sciences, Washington, D.C., 2018.

“Leveraged Federalism and the Clean Air Act: The Case of Vehicle Emissions Control,” paper presented at the American Academy of Arts and Sciences workshop on Energy Policy Durability, Washington, D.C., 2017.

“The Politics of Carbon Pricing: Lessons from the Past Quarter Century,” paper presented at the Annual Meeting of the Association for Environmental Studies and Sciences, Washington, D.C., 2016.

“Trusting in the Future: The Return of American State Trust Funds in the Shale Era,” paper presented at the Annual Meeting of the European Consortium for Political Research, Montreal, 2015. (Co-authored with Rachel Hampton)

“Seasons Gone By: An Examination of Individual Perceptions of Past Weather and Their Views on Global Warming,” paper presented at the Annual Meeting of the Midwest Political Science Association, Chicago, 2015. (Co-authored with Christopher P. Borick and Erick Lachapelle)

“Cap-and-Trade Durability,” paper presented at the Middle Atlantic and Northeastern Canadian Studies Conference, Niagara Falls, 2014.

“The Politics of Energy Severance Taxes,” paper presented at the Annual Meeting of the American Political Science Association, Washington, D.C., 2014. (Co-authored with Rachel Hampton)

“The Great Divide: An Examination of Public Perceptions of Shale Gas Extraction and Hydraulic Fracturing in New York and Pennsylvania,” paper presented at the World Congress of Political Science, Montreal, 2014. (Co-authored with Erick Lachapelle and Christopher Borick)

“The New Era of Sub-Federal Climate Policy,” paper presented at the Annual Meeting of the Association for Environmental Studies and Sciences, New York, 2014.

“Shale Play Politics: The American Intergovernmental Odyssey of Shale Governance,” paper presented at the National Research Council workshop on Shale Gas Risk and Governance, Washington, D.C., 2013.

“The Durability of Climate Policy,” paper presented at the Annual Meeting of the American Political Science Association, Chicago, 2013.

“Weather or Not: The Role of Local Weather Shifts on Public Understanding of Climate Change,” paper presented at the Annual Meeting of the American Political Science Association, New Orleans, 2012. Expanded version presented at the 2013 Annual Meeting of the American Association for Public Opinion Research. (Co-authored with Christopher Borick)

“The Conventional Politics of Unconventional Drilling: the Case of Shale Gas Development in Pennsylvania,” paper presented at the Annual Meeting of the Canadian Political Science Association, Edmonton, 2012.

“Governance Lessons from Health Care and the Environment,” paper presented at the Rethinking Education Governance in the Twenty-First Century Conference, Thomas B. Fordham Institute and Center for American Progress, Washington, D.C., 2011.

“Can We Tax Carbon? Lessons from the American States and Canadian Provinces,” paper presented at the Biennial Meeting of the Association for Canadian Studies in the United States, Ottawa, 2011. Revised version presented at the 2012 Northwestern University Annual Climate Change Symposium.

“The Politics of Carbon Pricing in Canada and the United States,” paper presented at the Annual Meeting of the American Political Science Association, Seattle, 2011.

“Contested Federalism and American Climate Policy,” paper presented at the Annual Meeting of the American Political Science Association, Seattle, 2011.

“All Climate Is Local: Measuring the Effect of Weather Events on Perceptions of Global Warming,” paper presented at the Annual Meeting of the American Association of Public Opinion Research, Phoenix, 2011 (Co-authored with Christopher Borick)

“Building on Sub-Federal Climate Strategies: The Challenge of Regionalism,” paper presented at the Designing Integration: Regional Governance in Climate Change in North America conference, Waterloo, Ontario, 2010

“A Shadow of Belief: An Examination of Diminished Belief in Global Warming Among Americans,” paper presented at the Annual Meeting of the American Political Science Association, Washington, D.C., 2010. (Co-authored with Christopher Borick)

“Public Opinion and Climate Change Governance,” paper presented at the Annual Meeting of the American Political Science Association, Toronto, 2009. (Co-authored with Christopher Borick)

“The Aversion to Direct Cost-Imposition: Selecting Climate Policy Tools in the United States,” paper presented at the Annual Meeting of the American Political Science Association, Toronto, 2009.

“Bottom-Up or Top-Down?: The Intergovernmental Shift in American Climate Policy,” presented at the Conference on Solving Environmental Problems Under Multilevel Governance at Carleton University, Ottawa, 2009. Revised version presented in workshop at 2010 Annual Meeting of American Political Science Association.

“A Reason to Believe: An Examination of Factors that Determine Acceptance of Global Warming,” presented at the Annual Meeting of the Western Political Science Association, Vancouver, 2009. (Co-authored with Christopher Borick)

“The Absence of Governance: Climate Change Policy in Canada and the United States,” paper presented at the Annual Meeting of the Midwest Political Science Association, Chicago, 2009. Revised version of paper presented at the Conference on Trans-Border Environmental

Governance in Canada and the United States, Woodrow Wilson International Center for Scholars, 2008.

“The Impossible Dream?: The Politics of Carbon Taxes,” presented at the National Conference on Climate Governance, Miller Center of Public Affairs, University of Virginia, 2008.

“Can Congress Govern the Climate?” expanded version of 2007 paper, presented at the National Conference on Climate Governance, Miller Center of Public Affairs, University of Virginia, 2008.

“Completing the Circuit: The Relationship between Public Opinion and Policy Adoption in State Level Energy Policy,” presented at the Annual Meeting of the American Political Science Association, Boston, 2008. (Co-authored with Christopher Borick)

“Nanotechnology and the Evolving Role of State Governance,” presented at the Annual Meeting of the American Political Science Association, Boston, 2008.

“Trans-Border Environmental Governance: Common Themes,” presented at the conference on Trans-Border Environmental Governance in Canada and the United States, Woodrow Wilson International Center for Scholars, Washington, D.C., 2008.

“Regional Governance and Horizontal Federalism: The Case of Multi-State Climate Governance,” presented at the Annual Meeting of the Midwest Political Science Association, Chicago, 2008.

“The Climate of Opinion: Public Attitudes Toward Climate Change and Policy Options in Michigan and Pennsylvania,” presented at the Annual Meeting of the American Association of Public Opinion Research, New Orleans, 2008. (Co-authored with Christopher Borick)

“Governing the Climate from Sacramento: Entrepreneurial Opportunity and Constraint and the Challenge of Network Governance,” presented at the Annual Meeting of the American Political Science Association, Chicago, 2007.

“States on Steroids: Political Feasibility vs. Economic Desirability in Climate Policy Development,” presented at the 2007 Annual Meeting of the Canadian Political Science Association, Saskatoon.

“Can Congress Govern the Climate?” Presented at a Congressional Briefing organized by the Brademas Center for the Study of Congress, Rayburn House Office Building, 2007.

“Regionalism and Global Climate Change Policy: Revisiting Multi-State Collaboration as an Intergovernmental Policy Tool,” presented at the 2006 Annual Meeting of the American Political Science Association, Philadelphia.

“Race to the Top—The Expanding Role of State Renewable Portfolio Standards,” presented at the National Press Club, Washington, D.C., 2006.

“Climate Change Policy and Regulatory Federalism in Canada and the United States,” presented at the Annual Meeting of the American Political Science Association, Washington, D.C., 2005.

“Business Influence in State-Level Environmental Policy Formation,” presented at the Annual Meeting of the American Political Science Association, Washington, D.C., 2005.

“Moral Super-Power or Policy Laggard? Translating Kyoto Protocol Ratification into Federal and Provincial Climate Policy in Canada,” presented at the Annual Meeting of the Canadian Political Science Association, London, Ontario, 2005.

“Beyond Kyoto: Implementing Greenhouse Gas Reduction Pledges in North American Federal Systems,” presented at the conference on Innovation in Public Management, Structure and Organization of Government Section, International Political Science Association, Vancouver, 2004.

“Regulatory Federalism, American Style,” presented at the Annual Meeting of the Canadian Political Science Association, Winnipeg, 2004.

“North American Federalism and Climate Change Policy: American State and Canadian Provincial Policy Development,” presented at the conference on Canadian Energy Policy: Deregulation and Climate Change, Mount Royal College, Calgary, 2003. Revised version presented at symposium on “Facing Climate Change.” Widener University School of Law, Harrisburg, 2004.

“Statehouse and Greenhouse: The Evolving State Government Role in Climate Change,” presented at the National Press Club, Washington, D.C., 2002. Revised version presented at the Annual Meeting of the National Conference of State Legislatures, San Francisco, 2003.

“State Policy Innovation on Global Climate Change,” presented at the Annual Meeting of the American Political Science Association, Boston, 2002.

“Permitting, Prevention, and Integration: Lessons from the States,” presented at the Brookings Institution National Issue Forum on the Next Generation of Environmental Policy, Washington, D.C., 2001.

“The Politics of Pollution Prevention and Regulatory Integration,” presented at the Annual National Policy Conference, Environmental Policy Initiative, Ohio State University, Columbus, 2001.

“Regionalism and Integration in Environmental Policy: Lessons from the Great Lakes,” presented at the Annual Meeting of the American Political Science Association, Washington, D.C., 2000.