

CURRICULUM VITAE FOR DANIEL J. FIORINO

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EDUCATION

- Ph.D. in Political Science, Johns Hopkins University, 1977
Major Fields: Judicial Process and Public Administration. Dissertation: "The Federal Courts and the Regulatory Process: The Cases of Natural Gas and Broadcasting"
- M.A. in Political Science, Johns Hopkins University, 1973
Thesis: "Alternative Forms of Dispute Settlement"
- B.A. in Political Science, *magna cum laude*, Youngstown State University, 1971
Minor in Economics

EXPERIENCE

Director, Center for Environmental Policy; Executive in Residence, School of Public Affairs, American University, 2009 to present.

Teach in the Department of Public Administration and Policy. Courses on public administration, environmental politics and policy, environmental sustainability. Conduct research and write on national environmental policy, innovation and governance, policy analysis and institutions. In March 2010, named the founding Director of the Center for Environmental Policy.

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

Conducted research and writing a report for publication by the Wilson Center's Project on Emerging Nanotechnologies, *Voluntary Initiatives for Nanotechnology Oversight: Charting a Path.*

Director, National Environmental Performance Track, U.S. Environmental Protection Agency (EPA), 2000-2009

Principal architect and national director of EPA's premier environmental leadership program. Led the growth of the program from start-up to over 550 members nationally. Provided strategic direction for program and staff, directed analysis of environmental results, served as EPA spokesman for the program, managed relationships with state environmental agencies and other partners. Managed a staff of 30 and an annual budget of \$5 million. In 2006, the Kennedy School of Government named EPA's Performance Track as one of the "Top 50 Innovations in American Government."

Director, Emerging Strategies Division, EPA, Washington, D.C. 1996-2000

Directed projects on industry sector approaches, environmental performance measurement, corporate sustainability, use of innovative policy instruments. Worked with such external partners as Coalition for Environmentally Responsible Economics (CERES), Business for Social Responsibility, Resources for the Future, U.S.-Asia Environmental Partnership, NGOs, and trade associations.

Director, Waste and Chemical Policy Division, EPA, 1993-1996

Managed the division (staff of 30) in the Office of Policy Analysis that analyzed solid and hazardous waste, toxics, and pesticides regulatory issues. Directed projects on pollution prevention, cross-media analysis, environmental justice, chemical hazards, and trade and the environment.

Associate Director, Office of Policy Analysis, EPA, 1989-1993

Emphasis on toxics, water, and waste issues. Represented assistant administrator for policy on an agency-wide regulatory steering committee. Directed budget, planning, recruiting, human resources for one of the leading policy analysis organizations in the federal government.

Senior Policy Advisor to the Assistant Administrator for Policy, Planning, and Evaluation, EPA, 1988-1989

Senior staff to presidential appointee and deputy with broad policy, analytic, and planning responsibilities. Worked on international issues, risk projects, regulatory policy, evaluation of program proposals. Served as policy office coordinator for the 1989 presidential transition.

Senior Fellow, the Conservation Foundation, Washington, D.C., 1988 (on leave from EPA)

Research and writing on "Environmental Risk and Democratic Process." Examined work on risk analysis, risk perception, and democratic theory to assess prospects for citizen participation.

Director, Information and Regulatory Systems Division, EPA, 1983-1988

Directed a staff of thirty. Responsible for planning, budgeting, institutional support. Worked with EPA programs on cross-media issues, OMB oversight, regulatory negotiation, regulatory analysis. Responsible 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's 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.

Assistant Professor of Political Science, Middlebury College, Middlebury VT, 1975-1978

Taught courses on American politics, public administration, legal process, organization theory, the executive branch, regulatory policy, voting and electoral politics. Teaching reviews were consistently high; enrollment in the introductory American politics course tripled by the third year. Advised students and directed independent studies; participated on departmental committees.

Research Assistant, The Brookings Institution, Governmental Studies Division, 1973-1975

Conducted interviews, analyzed the literature, and assisted Donald L. Horowitz for *The Courts and Social Policy* (Brookings, 1977) and a study of litigation management in the federal government.

HONORS AND AWARDS

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 \$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.

Louis Brownlow Award, National Academy of Public Administration, for "excellence in public administration literature," for *The New Environmental Regulation*, November 2007.

EPA Silver Medal for Superior Service, for the Performance Track Program, 2002.

Elected a Fellow of the National Academy of Public Administration (NAPA) in 2001.

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

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

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

Other EPA awards include Bronze Medals for Commendable Performance; several 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

PROFESSIONAL ACTIVITIES

Fellow, National Academy of Public Administration, since 2001

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-present) and *Public Administration Quarterly* (1990-2005)

Referee for *Public Administration 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*; National Science Foundation, MIT Press, Cambridge University Press, Resources for the Future, University of Alabama Press, Brookings, other journals and organizations

Chair, Brownlow Award Committee, ASPA, 1992; Dimock Award Committee, 1991

ADJUNCT TEACHING

Adjunct professor, University of Pittsburgh, Graduate School of Public and International Affairs, spring 2009. Graduate course on "Environmental Policy and Management."

Adjunct Professor, Johns Hopkins University, 2004-2009. Graduate course on "Strategic Management for Sustainability." Taught both in-person and on-line six semesters.

Adjunct Professor, American University, Graduate (1993, 2007) and undergraduate (annually 1997-2008) courses in "Environmental Policy and Politics."

Adjunct Professor, George Mason University, 1992-2000. Graduate courses on Regulatory Policy (1992-1996) and Public Policy and the Environment (1997-1999). Served on six Ph.D. committees

(2000-2007) for environmental science and public policy students

Adjunct Professor, University of Southern California, Washington Public Affairs Center, 1993-1995. Graduate courses on "Public Policy Formulation."

Adjunct Professor, University of Maryland University College, 1989-1990. Undergraduate courses on "Managing in the Public Sector."

Adjunct Professor, American University, 1978. "Introduction to American Politics."

PUBLICATIONS

Books:

The New Environmental Regulation. Cambridge, MA: MIT Press, 2006. Winner of the Louis Brownlow Book Award, National Academy of Public Administration, 2007. Named Best Book in Environmental Management and Policy, American Society for Public Administration (ASPA).

Environmental Governance Reconsidered: Challenges, Choices, and Opportunities (co-editor with Robert F. Durant and Rosemary O'Leary). Cambridge, MA: MIT Press, 2004. Selected as the Best Book in Environmental Management and Policy, ASPA.

Managing for the Environment: Understanding the Legal, Organizational, and Policy Challenges (co-author with Rosemary O'Leary, Robert Durant, and Paul Weiland). San Francisco: Jossey-Bass, 1999. 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.

Refereed Journals:

Explaining National Environmental Performance: Approaches, Evidence, and Implications. Accepted for publication in *Policy Sciences*, July 2011.

"Sustainability as a Conceptual Focus for Public Administration," *Public Administration Review*, 70 (Supplement 1): S78-S88.

"Environmental Policy as Learning: A New View of an Old Landscape," *Public Administration Review*, 61 (2001), 322-334. Winner in 2001 of the Louis Brownlow Award of the American Society for Public Administration.

"Innovation in Environmental Policy: Is the Future Here?" *American Behavioral Scientist*, 44 (2000), 538-547.

"Strategies for Regulatory Reform: A Comparison of Forward and Backward Mapping," *Policy Studies Journal*, 25 (1997), 249-265. Winner of the Theodore Lowi Award of the Policy Studies Organization for best article in *Policy Studies Journal* in 1997.

"Can Problems Shape Priorities? The Case of Risk-Based Environmental Planning," *Public Administration Review*, 50 (1990), 82-90. Winner in 1990 of the Louis Brownlow Award of the American Society for Public Administration.

"Citizen Participation and Environmental Risk: A Survey of Institutional Mechanisms," *Science, Technology, and Human Values*, 15 (1990), 226-243 (Nearly 500 citations in Google Scholar).

"Technical and Democratic Values in Risk Analysis," *Risk Analysis*, 9 (1989), 293-299.

"Regulatory Negotiation as a Policy Process," *Public Administration Review*, 48 (1988), 764-772. Winner in 1989 of ASPA's Brownlow Award. Reprinted in *Negotiated Rulemaking Sourcebook*. Washington: Administrative Conference of the United States, 1990, 849-857.

Book Chapters (including refereed collections):

"Climate Change, the Economic Crisis, and Prospects for the Future," in Beryl A. Radin and Joshua M. Chanin, eds. *What Do We Expect from Our Government?* Lanham, MD: Lexington Books, 2010, 39-59.

"Regulating for the Future: A New Approach for Regulatory Governance," in *Toward Sustainable Communities: Transition and Transformations in Environmental Policy*, 2nd ed., Daniel A. Mazmanian and Michael E. Kraft., eds. Cambridge, MA: MIT Press, 2009, 63-86.

"Green Clubs: A New Tool for Government?" in *Voluntary Programs: A Club Theory Perspective*, in Aseem Prakash and Matthew Potoski, eds. Cambridge, MA: MIT Press, 2009, 209-229.

"Flexibility," in Durant, Fiorino, and O'Leary, eds. *Environmental Governance Reconsidered: Challenges, Choices, and Opportunities*. Cambridge, MA: MIT Press, 2004, 393-425.

"Fulfilling the Promise of Environmental Conflict Resolution," (with Lisa B. Bingham, David Fairman, and Rosemary O'Leary), in *The Promise and Performance of Environmental Conflict Resolution*, Rosemary O'Leary and Lisa B. Bingham, eds.. Washington, D.C.: Resources for the Future, 2003, 329-351.

"Environmental Planning and Technology Innovation: A Form of Policy Learning?" in *A Cross-National Comparison of Environmental Policy Plans: Strategies for Sustainable Development*, Martin Janicke and Helge Joergens, eds. Berlin and New York: Springer Verlag, 2000 (published in German).

"The Environmental Protection Agency," in *A Historical Guide to American Government*, George T. Kurian, ed. New York: Oxford University Press, 1998, 203-208.

"Environmental Policy and the Participation Gap," in *Democracy and the Environment*, William M. Lafferty and James Meadowcroft, eds. Cheltenham, UK: Edward Elgar, 1996, 194-212.

"Regulatory Negotiation as a Form of Public Participation," in *Fairness and Competence in Citizen Participation: Evaluating Models for Environmental Discourse*, Ortwin, Renn, et al., eds. Boston: Kluwer Academic Press, 1995, 223-237.

"Institutional Responses to the Emerging Global Environment," in *Regulatory Federalism, Natural Resources, and Environmental Management*, Michael S. Hamilton, ed. Washington, D.C.: American Society for Public Administration, 1990, 177-192.

"Dimensions of Negotiated Rulemaking: Practical Constraints and Theoretical Limitations," in *Conflict Resolution and Public Policy*, Miriam Mills, ed. New York: Greenwood Press, 1990, 141-154. Reprinted in *Systematic Analysis in Dispute Resolution*, Stuart S. Nagel and Miriam Mills, eds. New York: Quorum,

1991, 127-139.

“Regulating the Natural Gas Producing Industry: Two Decades of Experience,” in *Economic Regulatory Policies*, James E. Anderson, ed. Lexington, MA: D.C. Heath, 1976.

Policy and Law Journals and Major Reports:

Implementing Sustainability in Federal Agencies: An Early Assessment of President Barack Obama’s Executive Order 13514. IBM Center for the Business of Government. August 2011.

Voluntary Initiatives, Regulation, and Nanotechnology Oversight: Charting a Path. Woodrow Wilson International Center for Scholars, Project on Emerging Nanotechnologies, Washington, D.C. November 2010 (available at www.wilsoncenter.org/nano).

“Rethinking Environmental Regulation: Perspectives on Law and Governance,” *Harvard Environmental Law Review*, 23 (1999), 441-469.

“An Appealing Vision,” *Boston Review*, 24 (October/November 1999), 13-15. Also published in *Beyond Backyard Environmentalism*, Charles Sable and others, eds. Boston: Beacon Press, 2000, 54-60 (part of the “New Democracy Forum”).

“Regulatory Policy and the Consensus Gap: An Agency Perspective,” *Analyse & Kritik*, 19 (1997), 64-76.

“Toward a New System of Environmental Regulation: The Case for an Industry Sector Approach,” *Environmental Law*, 26 (1996), 457-488.

“Environmental Risk and Democratic Process: A Critical Review,” *Columbia Journal of Environmental Law*, 14 (1989), 501-547.

“Breaking Down Walls: Regulatory Negotiation at EPA,” *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.

In Progress:

“Streams of Environmental Innovation: Four Decades of EPA Policy Reform” Under preparation for submission to an environmental law journal in fall 2011.

“Environmental Bureaucracies: The Environmental Protection Agency,” in Michael E. Kraft and Sheldon Kamieniecki, eds., *Oxford Handbook of U.S. Environmental Policy* (Oxford University Press; scheduled for publication in 2012).

PRESENTATIONS, SPEECHES, AND CONFERENCE ACTIVITIES (since 1992)

Keynote Speaker, Annual Conference of the Missouri Chamber of Commerce and Industry, Osage Beach, MO, July 28, 2011. Also participated in a panel discussion with former United States Senator Kit Bond on current environmental issues.

Chair, panel on “Environmental Policy Implementation,” Annual Conference of the Midwest Political Science Association, Chicago, IL, April 2, 2011.

Presenter and author (with Jiaqi Liang), “We Get What We Are Committed To: Policy Stability and Renewable Energy Innovation,” Annual Conference of the Midwest Political Science Association, Chicago, IL, April 1, 2011.

Speaker, “New Approaches to Governance,” Environmental Governance at the Leading Edge of Technology, George Washington University Law School, Washington DC, March 24, 2011.

Participant and Speaker, Workshop on Soft Law Alternatives for Nanotechnology Oversight, Arizona State University Law School, Phoenix, AR, March 22, 2011.

Speaker, “Overview of Non-Regulatory Approaches to Nanotechnology Oversight,” Conference on The Biggest Issues for the Smallest Stuff, Arizona State University, Phoenix, AR, March 21, 2011.

Presenter, panel on “Public Administration in 2020,” annual conference of the American Society for Public Administration, Baltimore, MD, March 13, 2011.

Moderator, Panel on “Learning from Corporate Environmental Leaders,” GovGreen Conference, Center for Environmental Innovation and Leadership, Washington, DC, November 9, 2010.

Presentation for the release of *Voluntary Initiatives, Regulation, and Nanotechnology Oversight: Charting a Path*. Woodrow Wilson International Center for Scholars, November 4, 2010.

Presenter, Conference on Multilevel Environmental Governance, Carleton University (sponsored by the European Commission, August 2009). Paper on “Are More Levels Too Many or Just About Right? Observations on Multilevel Governance and Environmental Performance.”

Keynote speaker (by video link) “Reform in Paradise: Threat or Opportunity?” (national conference on environmental governance in New Zealand), Environmental Defense Society, June 2009.

Presenter, “Climate Change and the Financial Crisis,” 75th Anniversary Conference of the School of Public Affairs, American University, March 2009.

Invited speaker and participant, National Conference on Climate Governance, Miller Center of Public Affairs, University of Virginia, December 2008.

Presenter, “Collaboration in Environmental Policy,” Conference on “The New Environmental Governance,” Washington State University, April 2008.

Presenter, Alaska Forum on the Environment, Anchorage, Alaska, February 2008

Luncheon Speaker, Annual Conference of the National Academy of Public Administration, Brownlow Book Award Ceremony, Washington, D.C., November 2007

Discussant, panels on “Collaboration in Environmental Policy” and “Environmental Politics,” Association for Policy Analysis and Management, Washington, D.C., November 2007

Plenary Speaker, Colloquium on “Smart Regulation for Global Competition: Is Europe’s Competitive Edge Green?” Sponsored by the Free University of Berlin, Germany, October 8-9, 2007.

Presenter, “Green Clubs: A New Tool for Government?” Workshop on Voluntary Environmental Programs, University of Washington, Seattle, WA, June 2007

Speaker, Panel on “Government and Business Collaboration in Environmental Policy,” Kennedy School of Government, Corporate Sustainability Program, Harvard University, March 2007

Speaker, University of Pennsylvania Law School, Seminar on “The New Environmental Regulation,” Philadelphia, March 2007.

Speaker, Annual Conference, North Carolina Environmental Stewardship Initiative, Durham, NC, March 2007.

Speaker, Air Enforcement Committee, State and Territorial Air Pollution Control Administrator’s Conference, Austin, TX, June 2006.

State Department Speaker’s Tour, Germany, January 15-20, 2006. Spoke on Environmental Innovation in Heidelberg, Munich, Berlin, Dusseldorf, and Hamburg.

Discussant, Environmental Policy Panel, American Political Science Association, Annual Conference, Washington, DC, September 2005.

Speaker, American Chemistry Council, Annual Responsible Care Conference, Las Vegas, May 2005.

Speaker, “Regulatory Innovation in the United States,” Environmental Canada, Conference on Environmental Innovation, Ottawa, Canada, March 2005.

Speaker, Department of Energy Conference on Environmental Management, Columbus, OH, March 2005.

Speaker, Kennedy School of Government, Regulatory Policy Program, Cambridge, MA, October 2004.

Speaker, “Environmental Policy in the United States,” Office of Personnel Management Training Program on Environmental Policy, Sheperdstown, WV, July 2004.

Speaker, American Society for Public Administration, Portland, OR, March 2004.

Discussant, Association for Policy Analysis and Management, Washington, D.C., November 2003.

Speaker, National Academy of Sciences, Panel on Performance-Based Regulation, Washington, D.C., November 2003.

Speaker, “Environmental Policy and Reform the United States,” Syracuse University, October 2003.

Speaker, “The Greening of Industry and Public Policy,” Greening of Industry Conference, San Francisco, October 2003.

Speaker, "Regulatory Innovation in the United States," New York Department of Environmental Conservation, Conference on Tools for Environmental Innovation, Albany, November 2002.

Judge, Sustainability Awards Panel, Dow Chemical, September 2002.

Speaker, "An Industry Sector Approach to Environmental Policy," BELL (Business, Environment, Learning, and Leadership) Conference, World Resources Institute, Santa Barbara, July 2002.

Speaker, "Environmental Policy and Sustainability," Natural Step Meeting on Sustainability, San Francisco, March 2002.

Speaker, "Environmental Policy as Learning," World Congress of the International Political Science Association, Quebec, August 2000.

Co-chair, Panel on "Is Collaboration the Answer?" Eighth Annual Conference of the Greening of Industry Network, Chapel Hill, NC, November 1999.

Speaker, "Environmental Policy as a Learning Process," National Conference of the American Society for Public Administration, Orlando, Florida, April 1999.

Plenary speaker, "International Perspectives on Sustainability," Seventh Annual Conference of the Greening of Industry Network, Rome, November 1998.

Speaker, Conference on "Strategies for Sustainable Development: A Cross-National Comparison of Environmental Policy Plans," Free University of Berlin, August 1998.

Plenary speaker, "The Responsible Care Initiative," MIT Forum on Chemicals and Society, Cambridge, MA, June 1998.

Speaker, "Benchmarks for Environmental Performance in the Electronics Sector," the Electronics Industry Alliance, Washington, D.C., March 1998.

Speaker, "Firm Disclosure and Accountability: The Foundation for a New Environmental Policy?" MIT Program on Business, Technology, and the Environment, February 1998.

Plenary Speaker, Seventh Annual Conference of the Greening of Industry Network, University of California, Santa Barbara, November 1997.

Presenter, "Citizen Participation and Environmental Policy Research," annual meeting of the Association for Public Policy Analysis and Management, Washington, D.C., November 1997.

Presenter, "The New Environmental Regulation," National Conference of the American Society for Public Administration (ASPA), Philadelphia, July 1997.

Speaker, "Environmental Policy as a Learning Process," West Virginia University, Political Science Department Colloquium, February 1997.

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.