

Publications

Books and Monographs

- L'Innovazione Tra Utopia e Storia* [Innovation between Utopia and History] (with S. Funtowicz and A. Benessia) (Codice Edizioni: Turin, forthcoming).
- Science and Public Reason* (collected essays with new Introduction and Afterword) (Abingdon, Oxon: Routledge-Earthscan, 2012).
- Designs on Nature: Science and Democracy in Europe and the United States* (Princeton, NJ: Princeton University Press, 2005; paperback 2007); Italian translation: *Fabbriche della natura: Biotecnologie e democrazia* (Milan: Il Saggiatore, 2008); Chinese translation (2011).
- Science at the Bar: Law, Science, and Technology in America*, a Twentieth Century Fund book (Cambridge, MA: Harvard University Press, 1995); paperback 1997; Italian translation *La Scienza davanti ai Giudici* (Milan: Giuffr , 2001); Korean translation (Seoul: East-Asia Publishing, 2011).
- The Fifth Branch: Science Advisers as Policymakers* (Cambridge, MA: Harvard University Press, 1990); paperback 1994; Chinese translation (Shanghai: Jiao Tong University Press, 2010).
- Risk Management and Political Culture* (New York: Russell Sage Foundation, 1986).
- Controlling Chemicals: The Politics of Regulation in Europe and the U.S.* (with R. Brickman and T. Ilgen) (Ithaca, NY: Cornell University Press, 1985).

Edited Books

- Editor (with introduction, conclusion, and chapter), *Reframing Rights: Bioconstitutionalism in the Genetic Age* (Cambridge, MA: MIT Press, 2011).
- Co-editor (with Marybeth Long Martello) (with co-authored introduction, conclusion; sole-authored chapter), *Earthly Politics: Local and Global in Environmental Governance* (Cambridge, MA: MIT Press, 2004).
- Editor (with introduction, conclusion, and chapter), *States of Knowledge: The Co-Production of Science and Social Order* (London: Routledge, 2004; paperback edition 2007).
- Section Editor, Science and Technology Studies, *International Encyclopedia of the Social and Behavioral Sciences* (Oxford: Elsevier, 2001).
- Editor (with introduction), *Comparative Science and Technology Policy* (Cheltenham, Glos., UK: Edward Elgar, 1997).
- Co-Editor (with G. Markle, J. Petersen, T. Pinch), *Handbook of Science and Technology Studies* (Thousand Oaks, CA: Sage Publications, 1995).
- Editor (with introduction), *Learning From Disaster: Risk Management After Bhopal* (Philadelphia: University of Pennsylvania Press, 1994).

Articles and Book Chapters

- "Epistemic Subsidiarity: Coexistence, Cosmopolitanism, Constitutionalism," *European Journal of Risk Regulation* (forthcoming).

- “Fields and Fallows: The Normative Logics of STS,” in A. Barry and G. Born, eds., *Interdisciplinarity: Reconfigurations of the Social and Natural Sciences* (Abingdon, Oxon: Routledge, forthcoming).
- “Vulnerability and Development: Bhopal’s Lasting Legacy,” in A. Hommels, J. Mesman, and W. Bijker, eds., *Vulnerability in Technological Cultures: New Directions in Research and Governance* (Cambridge, MA: MIT Press, forthcoming).
- “The Public of Public Reason” (Sarton Chair Lecture), *Sartoniana*, Vol. 25 (2012), pp. 17-36.
- “Taking Life: Private Rights in Public Nature,” in K. Sunder Rajan, ed., *Lively Capital: Biotechnologies, Ethics, and Governance in Global Markets* (Durham: Duke University Press, 2012), pp. 155-183.
- “Constitutional Moments in Governing Science and Technology,” *Science and Engineering Ethics*, Vol. 17, No. 4 (2011), pp. 621-638.
- “The Politics of Public Reason,” in P. Baert and F.D. Rubio, eds., *The Politics of Knowledge* (Abingdon: Routledge, 2011), pp. 11-32.
- “The Practices of Objectivity in Regulatory Science,” in C. Camic, N. Gross, and M. Lamont, eds., *Social Knowledge in the Making* (Chicago: University of Chicago Press, 2011), pp. 307-337.
- “Cosmopolitan Knowledge: Climate Science and Global Civic Epistemology,” in J. S. Dryzek, R. B. Norgaard, and D. Schlosberg, eds., *The Oxford Handbook of Climate Change and Society* (Oxford: Oxford University Press, 2011), pp. 129-143.
- “Quality Control and Peer Review in Advisory Science,” in J. Lentsch and P. Weingart, eds., *The Politics of Scientific Advice: Institutional Design for Quality Assurance* (Cambridge: Cambridge University Press, 2011), pp. 19-35.
- “Thin Air,” in M. Akrich, Y. Barthes, F. Muniesa, and P. Mustar, *Débordements: Mélanges offerts à Michel Callon* (Paris: Presses des Mines, 2010), pp. 191-202.
- “Dismantling Boundaries in Science and Technology Studies” (with P. Dear), *Isis: Journal of the History of Science in Society* Vol. 101, No. 4 (December 2010), pp. 759-774.
- “A Field of Its Own: The Emergence of Science and Technology Studies,” in R. Frodeman, J.T. Klein, and C. Mitcham, eds., *Oxford Handbook of Interdisciplinarity* (Oxford: Oxford University Press, 2010), pp. 191-205.

- “An STS Scholar Reflects on Philosophy,” in Robert Rosenberg, ed., *Five Questions in Philosophy of Science* (Copenhagen: Automatic Press/VIP, 2010), pp. 109-127.
- “A Social Contract for the Life Sciences: The US Case,” in S. Rodotà and M. Tallacchini, ed., *Trattato di Biodiritto* (2010), pp. 103-121
- “A New Climate for Society,” *Theory, Culture & Society*, Vol. 27, No. 2-3 (March/May 2010), pp. 233-253.
- “Border Crossings: Social Sciences and Public Policy,” Preface in A. Pereira and S. Funtowicz, eds., *Science for Policy* (Oxford: Oxford University Press, 2009), pp. xi-xxvi.
- “Governing Innovation: The Social Contract and the Democratic Imagination,” *Seminar* 597 (May 2009), pp. 16-25.
- “Containing the Atom: Sociotechnical Imaginaries and Nuclear Regulation in the U.S. and South Korea” (with S-H. Kim), *Minerva*, Vol. 47, No. 2 (2009), pp. 119-146.
- “Trading Uncertainties: The Transatlantic Divide in Regulating Biotechnology,” *CESifo DICE Report*, Vol. 6, No. 2 (2008), pp. 36-43.
- “Representation and Re-Presentation in Litigation Science,” *Environmental Health Perspectives*, Vol. 116, No. 1 (2008), pp. 123-129.
- “Making Order: Law and Science in Action,” in E. Hackett et al., eds., *Handbook of Science and Technology Studies*, 3rd ed. (Cambridge, MA: MIT Press, 2007), pp. 761-786.
- “Risk in Hindsight: Constructing a Politics of Resilience,” in I. Richter, S. Berking, and R. Müller-Schmid, eds., *Risk Society and the Culture of Precaution* (London: Macmillan, 2006), pp. 28-46; adapted and reprinted as “Beyond Calculation: A Democratic Response to Risk,” in A. Lakoff, ed., *Disaster and the Politics of Intervention* (New York: SSRC/Columbia University Press, 2009).
- “Bhopal’s Trials of Knowledge and Ignorance,” *Isis*, Vol. 98, No. 2 (June 2007), pp. 344-350; revised and expanded in *New England Law Review*, Vol. 42, No. 4, (2008), pp. 679-692.
- “Transparency in Public Science: Purposes, Reasons, Limits,” *Law and Contemporary Problems*, Vol. 69, No. 3 (2006), pp. 21-45.
- “Biotechnology and Empire: The Global Power of Seeds and Science,” *Osiris*, Vol. 21, No. 1 (2006), pp. 273-292.

- “Just Evidence: The Limits of Science in the Legal Process,” *Journal of Law, Medicine & Ethics*, Vol. 34, No. 2 (2006), pp. 328-341.
- “Technology as a Site and Object of Politics,” in C. Tilly and R. Goodin, eds., *Oxford Handbook of Contextual Political Analysis* (Oxford: Oxford University Press, 2006), pp.745-763.
- “The Value of *Legality* in Environmental Action,” in J. Bauer, ed., *Forging Environmentalism: Justice, Livelihood, and Contested Environments* (Armonk, NY: ME Sharpe, 2006), pp.329-346.
- “Science and Environmental Citizenship,” in P. Dauvergne, ed., *Handbook of Global Environmental Politics* (Cheltenham, UK: Edward Elgar, 2005), pp. 365-382.
- “In the Democracies of DNA: Ontological Uncertainty and Political Order in Three States,” *New Genetics and Society*, Vol. 24, No. 2 (2005), pp. 139-155.
- “Restoring Reason: Causal Narratives and Political Culture,” in B. Hutter and M. Power, eds., *Organizational Encounters with Risk* (Cambridge: Cambridge University Press, 2005), pp. 209-232.
- “Judgment under Siege: The Three-Body Problem of Expert Legitimacy,” in P. Weingart and S. Maasen, eds., *Democratization of Expertise? Exploring Novel Forms of Scientific Advice in Political Decision-Making*, *Sociology of the Sciences Yearbook* (Dordrecht: Kluwer, 2005), pp. 209-224.
- “Let Them Eat Cake: GM Foods and the Democratic Imagination,” in M. Leach, I. Scoones and B. Wynne, eds., *Science and Citizens* (London: Zed Books, 2005), pp. 183-199.
- “Adjudicating the GM Food Wars: Science, Risk, and Democracy in World Trade Law” (co-authored with D. Winickoff, L. Busch, R. Grove-White, and B. Wynne), *Yale Journal of International Law*, Vol. 30 (2005), pp. 81-123.
- “Law’s Knowledge: Science for Justice in Legal Settings,” in *American Journal of Public Health*, Vol. 95, No. S11 (2005), pp. S49-S58; adapted as “The Epistemic Discretion of Judges and *Daubert*’s Legacy,” in A. Santosuosso et al., eds., *Science, Law and the Courts in Europe* (Pavia: Collegio Ghisleri, 2004), pp. 37-53.
- “DNA’s Identity Crisis,” in D. Lazer, ed., *DNA and the Criminal Justice System: The Technology of Justice* (Cambridge, MA: MIT Press, 2004), pp. 337-355.
- “Welfare State or Welfare Court: Asbestos Litigation in Comparative Perspective” (with D. Perese), *Journal of Law and Policy*, Vol. XII, No. 2 (2004), pp. 619-639.

- “(No) Accounting for Expertise?” *Science and Public Policy*, Vol. 30, No. 3 (2003), pp. 157-162.
- “In a Constitutional Moment: Science and Social Order at the Millennium,” in B. Joerges and H. Nowotny, eds., *Social Studies of Science and Technology: Looking Back, Ahead*, Yearbook of the Sociology of the Sciences (Dordrecht: Kluwer, 2003), pp. 155-180.
- “Technologies of Humility: Citizen Participation in Governing Science,” *Minerva*, Vol. 41 (2003), pp. 223-244; reprinted in A. Bogner and H. Torgersen, eds., *Wozu Experten? Ambivalenzen der Beziehung von Wissenschaft und Politik* (Wiesbaden: Verlag für Sozialwissenschaften, 2005), pp. 370-389; adapted and reprinted in C. Mitcham, ed., *Encyclopedia of Science, Technology, and Ethics* (New York: Macmillan Reference, 2005), p. xix-xxvi; reprinted in D.M. Kaplan, *Readings in the Philosophy of Technology* (Lanham, MD: Rowman and Littlefield, 2009), pp. 570-583.
- “A Living Legacy: The Precautionary Ideal in American Law,” in Joel Tickner, ed., *Precaution, Environmental Science, and Preventive Public Policy* (Washington, DC: Island Press, 2003), pp. 227-240.
- “New Modernities: Reimagining Science, Technology, and Development,” *Environmental Values* (Special Issue on *Science, Development and Democracy*), Vol. 11, No. 3 (2002), pp. 253-276.
- “Citizens at Risk: Cultures of Modernity in Europe and the U.S.,” *Science as Culture*, Vol. 11, No. 3 (2002), pp. 363-380.
- “The Life Sciences and the Rule of Law,” *Journal of Molecular Biology*, Vol. 319, No. 4 (2002), pp. 891-899.
- “Science and the Statistical Victim: Modernizing Knowledge in Breast Implant Litigation,” *Social Studies of Science*, Vol. 32, No. 1 (2002), pp. 37-70.
- “Hidden Experts: Judging Science after *Daubert*,” in V. Weil, ed., *Trying Times: Science and Responsibilities after Daubert*, Chicago, Illinois Institute of Technology (2001), pp. 30-47.
- “Ordering Life: Law and the Normalization of Biotechnology,” *Politeia*, Vol. XVII, No. 62 (2001), pp. 34-50.
- “Image and Imagination: The Formation of Global Environmental Consciousness,” in P. Edwards and C. Miller, eds., *Changing the Atmosphere: Expert Knowledge and Environmental Governance* (Cambridge, MA: MIT Press, 2001), pp. 309-337.

- “Judicial Fictions: The Supreme Court’s Quest for Good Science,” *Society*, Vol. 38, No. 4 (2001), pp. 27-36.
- “Technological Risk and Cultures of Rationality,” in National Research Council, *Incorporating Science, Economics, and Sociology in Developing Sanitary and Phytosanitary Standards in International Trade*, Proceedings of a Conference (Washington, DC: National Academy Press, 2000), pp. 65-84.
- “The ‘Science Wars’ and American Politics,” in M. Dierkes and C. v. Grote, eds., *Between Understanding and Trust: The Public, Science, and Technology* (Reading, UK: Harwood Academic, 2000), pp. 39-59.
- “STS and Public Policy: Getting Beyond Deconstruction,” *Science, Technology and Society*, Vol. 4, No. 1 (1999), pp. 59-72.
- “The Songlines of Risk,” *Environmental Values*, Vol. 8 (1999), pp. 135-152.
- “Contingent Knowledge: Implications for Implementation and Compliance,” in H. Jacobson and E. Brown Weiss, eds., *Engaging Countries: Strengthening Compliance with International Environmental Accords* (Cambridge, MA: MIT Press, 1998), pp. 63-87.
- “Expert Games in Silicone Gel Breast Implant Litigation,” in M. Freeman and H. Reece, eds., *Science in Court* (London: Dartmouth, 1998), pp. 83-107.
- “The Eye of Everyman: Witnessing DNA in the Simpson Trial,” *Social Studies of Science*, Vol. 28, No. 5-6, pp. 713-740 (1998).
- “Coming of Age in Science and Technology Studies,” *Science Communication*, Vol. 20, No. 1, pp. 91-98.
- “Harmonization: The Politics of Reasoning Together,” in R. Bal and W. Halffman, eds., *The Politics of Chemical Risk: Scenarios for a Regulatory Future* (Dordrecht, NL: Kluwer, 1997), pp. 173-194.
- “The Political Science of Risk Perception,” *Reliability Engineering and System Safety*, Vol. 59, No. 1 (1998), pp. 91-99.
- “Science and Decisionmaking” (with B. Wynne and contributing authors), in S. Rayner and E.L. Malone, eds., *Human Choice and Climate Change* (Washington, DC: Battelle Press, 1998), pp. 1-87.
- “Science and Judgment in Environmental Standard-setting,” *Applied Measurement in Education*, Vol. 11, No. 1 (1998), pp. 107-120.

- “Civilization and Madness: The Great BSE Scare of 1996,” *Public Understanding of Science*, Vol. 6 (1997), pp. 221-232.
- “NGOs and the Environment: From Knowledge to Action,” *Third World Quarterly*, Vol. 18, No. 3 (1997), pp. 579-594; reprinted in T.G. Weiss, ed., *Beyond UN Subcontracting: Task-Sharing with Regional Security Arrangements and Service-providing NGOs* (New York: St. Martin’s Press, 1998), pp. 203-223.
- “Research Subpoenas and the Sociology of Knowledge,” *Law and Contemporary Problems*, Vol. 59, No. 3 (1996), pp. 95-118.
- “Compelling Knowledge in Public Decisions,” in L.A. Brooks and S. VanDeveer, eds., *Saving the Seas: Values, Scientists, and International Governance* (College Park, MD: Maryland Sea Grant, 1996), pp. 229-252.
- “Knowledge and Distrust: The Dilemma of Environmental Democracy,” *Issues in Science and Technology*, Vol. 13, No. 1 (1996), pp. 63-70.
- “Science and Norms in International Environmental Regimes,” in F.O. Hampson and J. Reppy, eds., *Earthly Goods: Environmental Change and Social Justice* (Ithaca, NY: Cornell University Press), pp. 173-197.
- “Is Science Socially Constructed -- And Can It Still Inform Public Policy?,” *Science and Engineering Ethics*, Vol. 2, No. 3 (1996), pp. 263-276.
- “Beyond Epistemology: Relativism and Engagement in the Politics of Science,” *Social Studies of Science*, Vol. 26, No. 2 (1996), pp. 393-418.
- “Product, Process, or Programme: Three Cultures and the Regulation of Biotechnology,” in M. Bauer, ed., *Resistance to New Technology* (Cambridge: Cambridge University Press, 1995), pp. 311-331.
- “Boundary Exercises: The Making of Good Science in the Regulatory Process,” *Shepard’s Expert and Scientific Evidence*, Vol. 2, No. 1 (1994), pp. 25-40.
- “Innovation and Integrity in Biomedical Research,” *Academic Medicine*, Vol. 68, No. 9 (1993), pp. S91-S95.
- “Bridging the Two Cultures of Risk Analysis,” *Risk Analysis*, Vol. 13, No. 2 (1993), pp. 123-129; adapted and abbreviated as “Relating Risk Assessment and Risk Management,” *EPA Journal*, January-March 1993, pp. 35-37.
- “Procedural Choices in Regulatory Science,” *RISK - Issues in Health and Safety*, Vol. 4, No. 2 (1993), pp. 143-160; adapted and reprinted in *Technology in Society*, Vol. 17, No. 3 (1995), pp. 279-293.

- “India at the Crossroads in Global Warming Policy,” *Global Environmental Change*, Vol. 3, No. 1 (1993), pp. 32-52.
- “Science, Politics, and the Renegotiation of Expertise at EPA,” *Osiris*, Vol. 7 (1992), pp. 195-217.
- “Pluralism and Convergence in International Science Policy,” in N. Keyfitz, ed., *Science and Sustainability: Selected Papers on IIASA’s 20th Anniversary* (Laxenburg, Austria: IIASA, 1992), pp. 157-180; reprinted in H. Nowotny and K. Taschwer, eds., *The Sociology of Science* (Cheltenham, UK: Edward Elgar, forthcoming).
- “What Judges Should Know about the Sociology of Science,” *Jurimetrics*, Vol. 32, No. 3 (1992), pp. 345-359; adapted and updated in *Judicature*, Vol. 77, No. 2 (1993), pp. 77-82.
- “Knowledge, Responsibility, and the Safe Use of Chemicals,” in M.L. Richardson, ed., *Risk Management of Chemicals* (London: Royal Society of Chemistry, 1992), pp. 337-351.
- “Acceptable Evidence in a Pluralistic Society,” in R. Hollander and D. Mayo, eds., *Acceptable Evidence: Science and Values in Hazard Management* (New York: Oxford University Press, 1991), pp. 29-47.
- “Does Public Understanding Influence Public Policy?” *Chemistry and Industry*, No. 17 (1991), pp. 537-540.
- “Cross-National Differences in Policy Implementation,” *Evaluation Review*, Vol. 15, No. 1 (1991), pp. 103-119.
- “American Exceptionalism and the Political Acknowledgment of Risk,” *Daedalus*, Vol. 119, No. 4 (1991), pp. 61-81; reprinted in E.J. Burger, Jr., ed., *Risk* (Ann Arbor, MI: University of Michigan Press, 1993), pp. 61-81.
- “Judicial Construction of New Scientific Evidence,” in P.T. Durbin, ed., *Critical Perspectives on Nonacademic Science and Engineering* (Bethlehem, PA: Lehigh University Press, 1991), pp. 215-238; adapted as “Science on the Witness Stand,” *Issues in Science and Technology*, Vol. 6, No. 1, (1989), pp. 80-87.
- “Public Science for Public Policy,” *Technology Review*, Vol. 92, No. 2, February/March 1989, pp. 26, 28, 78.
- “Public Participation in Science Policy,” *Chemistry in Britain*, Vol. 25, No. 4, (1989), pp. 368-370.

- “The Problem of Rationality in U.S. Health and Safety Regulation,” in R. Smith and B. Wynne, eds., *Expert Evidence: Interpreting Science in the Law* (London: Routledge, 1989), pp. 151-183.
- “Reasoning About Risk,” in M.L. Richardson, ed., *Risk Assessment of Chemicals in the Environment* (London: Royal Society of Chemistry, 1988), pp. 92-113.
- “The Bhopal Disaster and the Right to Know,” *Social Science and Medicine*, Vol. 24 (1988), pp. 1113-1123.
- “Judicial Gatekeeping in the Management of Hazardous Technologies,” *Journal of Management Studies*, Vol. 25, No. 4 (1988), pp. 353-371; adapted as “Law’s Divided Response to Risk,” in A. Flores, ed., *Ethics and Risk Management in Engineering*. (University Press of America, 1989), pp. 93-115.
- “Biology and the Bill of Rights: Can Science Reframe the Constitution?” *American Journal of Law and Medicine*, Vol. 13 (1987), pp. 249-289.
- “EPA’s Regulation of Daminozide: Unscrambling the Messages of Risk,” *Science, Technology, and Human Values*, Vol. 12, Nos. 3/4 (1987), pp. 116-124.
- “Cultural Aspects of Risk Assessment in Britain and the United States,” in B.B. Johnson and V.T. Covello, eds., *The Social and Cultural Construction of Risk* (New York: Reidel Press, 1987), pp. 359-397.
- “Contested Boundaries in Policy-Relevant Science” *Social Studies of Science*, Vol. 17, No. 2 (1987), pp. 195-230.
- “Science and the Courts: Advice for a Troubled Marriage,” *Natural Resources and Environment*, Vol. II, No. 3 (1986), pp. 3-5, 51-52.
- “Comparative Risk Assessment: The Lessons of Cultural Variation,” in M.L. Richardson, ed., *Toxic Hazard Assessment of Chemicals* (London: Royal Society of Chemistry, 1986), pp. 259-281.
- “Managing India’s Environment: New Opportunities, New Perspectives,” *Environment*, Vol. 28, No. 8 (1986), pp. 12-16, 31-38.
- “Risk, Uncertainty, and the Legal Process,” in W.Y. Garner et al., eds., *Evaluation of Pesticides in Ground Water*, ACS Symposium Series 315 (Washington, D.C.: American Chemical Society, 1986), pp. 462-475; reprinted in D. Chubin and E. Chu, eds. *Science off the Pedestal: Social Perspectives on Science and Technology* (Belmont, CA: Wadsworth Publishing, 1988), pp. 41-51.
- “Peer Review in the Regulatory Process,” *Science, Technology, and Human Values*, Vol. 10., No. 52 (1985), pp. 20-32.

“The Misrule of Law at OSHA,” in D. Nelkin, ed., *The Language of Risk* (Beverly Hills, CA: Sage Publications, 1985), pp. 155-178.

“Remedies Against Hazardous Exports: Compensation, Products Liability and Criminal Sanctions,” in J. Ives, ed., *The Export of Hazards: Trans-national Corporations and Environmental Control Issues* (London: Routledge & Kegan Paul, 1985), pp. 142-160; also published in *Multinational Monitor*, Vol. 5, No. 9 (1984), pp. 14-17.

“Legitimizing Private Sector Risk Analysis: A U.S.-European Comparison,” in C. Whipple and V. Covello, eds., *Risk Analysis in the Private Sector* (New York: Plenum Press, 1985), pp. 233-242.

“Technological Innovation in a Corporatist State: The Case of Biotechnology in the Federal Republic of Germany,” *Research Policy*, Vol. 14 (1985), pp. 23-38.

“Compensation Issues Related to LP/HC Events: The Case of Toxic Chemicals,” in R. Waller and V. Covello, eds., *Low-Probability, High-Consequence Risk Analysis* (New York: Plenum Press, 1984), pp. 361-371

“Negotiation or Cost-Benefit Analysis: A Middle Road for U.S. Policy?” *The Environmental Forum*, Vol. 2 (1983), pp. 37-43.

“Science and the Limits of Administrative Rule-Making: Lessons From the OSHA Cancer Policy,” *Osgoode Hall Law Journal*, Vol. 20 (1982), pp. 536-561.

“Science, Technology and the Limits of Judicial Competence” (with D. Nelkin), *Science*, Vol. 214, pp. 1211-1215 (1981). Reprinted in *Jurimetrics*, Vol. 11 (Spring 1982); *American Bar Association Journal*, Vol. 68 (1982); W.A. Thomas, ed., *Science and Law: An Essential Alliance* (Boulder, CO: Westview Press, 1983); R.W. Lake, ed., *Resolving Locational Conflict* (New Brunswick, NJ: Center for Urban Policy Research, 1987).

“Concepts of Risk and Safety in Toxic Substances Regulation: A Comparison of France and the United States” (with R. Brickman), *Policy Studies Journal*, Vol. 9, pp. 394-403 (1980); reprinted in D.E. Mann, ed., *Environmental Policy Formation* (Lexington, MA: Lexington Books, 1981).

Editorials and Commentaries

“A Mirror for Science,” *Public Understanding of Science* (forthcoming).

“Genealogies of STS,” *Social Studies of Science*, Vol. 42, No. 3, pp. 435-441.

“Learning from Fukushima” (with S. Pfotenhauer, C. Jones, and K. Saha), *Issues in Science and Technology*, Spring 2012, pp. 79-84.

- “A Living Constitution,” *Science* Vol. 331, No. 6019 (February 2011), p. 872.
- “Climate Science: The World Is Its Jury,” in Transparency International, *Global Corruption Report – Climate Change* (London: Earthscan, 2011), 79-82.
- “Testing Time for Climate Science,” *Science*, Vol. 328, No. 5979, pp. 695 – 696, May 7, 2010.
- “A New Politics of Innovation,” in J. Pugh, ed., *What Is Radical Politics Today?* (Houndmills, Hamps: Palgrave Macmillan, 2009), pp. 196-203.
- “Lessons for Science Envoys,” *Seed*, September 17, 2009,
http://seedmagazine.com/content/article/lessons_for_science_envoys/.
- “The Essential Parallel Between Science and Democracy,” *Seed*, February 17, 2009,
http://www.seedmagazine.com/news/2009/02/the_essential_parallel_between.php
- “Ethical, Environmental and Social Implications of Science and Technology: Challenges for the Future,” in GUNI, *Higher Education in the World 2008* (London: Palgrave MacMillan, 2008), pp. 137-141.
- “Technologies of Humility,” *Nature*, Vol. 450, No. 7166, November 1, 2007, p. 33.
- “Changing Expectations,” *Science and Public Affairs*, British Association for the Advancement of Science, September 2007, p.
- “Science and Citizenship: A New Synergy,” *Science and Public Policy*, Vol. 31, No. 2 (2004), pp. 30-34.
- “Breaking the Waves in Science Studies,” Commentary, *Social Studies of Science*, Vol. 33, No. 3 (2003), pp. 389-400.
- “Hard Facts and Soft Law: Iraq, Bush, and the Case for Multilateralism,” (with David Winickoff), published by *Opendemocracy.com*, November 18, 2002,
<http://www.opendemocracy.net/debates/article.jsp?id=9&debateId=86&articleId=762>.
- “Election 2000 – Mechanical Error or System Failure?” *Social Studies of Science* Vol. 31, No. 3, pp. 461-467.
- “Talking About Science,” Commentary, *Science and Engineering Ethics*, Vol. 6, No. 4 (2001), pp. 525-528.

“Reconstructing the Past, Constructing the Present: Can Science Studies and the History of Science Live Happily Ever After?” *Social Studies of Science*, Vol. 30, No. 4 (2000), pp. 621-31.

“Between Risk and Precaution: Reassessing the Future of Genetically Modified Crops,” in *Journal of Risk Research*, Vol. 3, No. 3 (2000), pp. 277-282.

“Back to Basics in Environmental Politics,” Response to L.K. Caldwell, *Politics and the Life Sciences* Vol. 18, No. 2 (1999), pp. 227-229.

“Conversations with the Community: AAAS at the Millennium” (with co-authors), *Science*, Vol. 278 (1997), pp. 2066-2067.

“Cooperation for What?: A View from the Sociological/Cultural Study of Science Policy,” Response to Labinger, *Social Studies of Science*, Vol. 25, No. 2 (1995), pp. 314-317.

“Norms for Evaluating Regulatory Science,” Guest Editorial, *Risk Analysis*, Vol. 9, No. 3(1989), pp. 271-273.

“Becoming an Expert Witness” (with J. Gillett), *The Scientist*, February 23, 1987, pp. 14, 28.

“Peer Review and Public Policy” (with D. Chubin), *Science, Technology, and Human Values*, Vol. 10, No. 52 (1985), pp. 3-5.

Essay Reviews

“A Splintered Function: Fate, Faith, and the Father of the Atomic Bomb,” review of Charles Thorpe, *Oppenheimer: The Tragic Intellect* (Chicago: University of Chicago Press, 2007); *Metascience* Vol. 17, No. 3 (2008), pp. 351-387.

“Controlling Biotechnology: Science, Democracy and ‘Civic Epistemology’ – Author’s Response,” (to reviews of *Designs on Nature*); *Metascience* Vol. 17, No. 2 (2008), pp. 177-198.

“Clones and Critics in the Age of Biocapital,” review of Francis Fukuyama, *Our Posthuman Future* (New York: Farrar, Straus and Giroux, 2002); *BioSocieties*, Vol. 1, No. 2 (2006), pp. 266-269.

“What Inquiring Minds *Should* Want to Know,” review of Philip Kitcher, *Science, Truth, and Democracy* (Oxford: Oxford University Press, 2001); *Studies in History and Philosophy of Science*, Vol. 35 (2004), pp. 149-157.

“Not Proven: Truth by Exhaustion in the Baltimore Case,” review of Daniel J. Kevles, *The Baltimore Case: A Trial of Politics, Science, and Character* (New York: W.W. Norton, 1998); *Isis*, Vol. 90, No. 4, (1999), pp. 781-783.

Noretta Koertge, ed., *A House Built on Sand: Exposing Postmodern Myths about Science* (New York: Oxford University Press, 1998); *Science, Technology, and Human Values*, Vol. 24, No. 4 (1999), pp. 495-500.

“Public Knowledge, Private Fears,” review of Alan Irwin and Brian Wynne, eds., *Misunderstanding Science? The Public Reconstruction of Science and Technology* (Cambridge: Cambridge University Press, 1996); *Social Studies of Science*, Vol. 27, No. 2 (1997), pp. 350-355.

Theodore M. Porter, *Trust in Numbers: The Pursuit of Objectivity in Science and Public Life*; *Metascience*, Issue 9 (1996), pp. 82-87.

Other Book Reviews

More than 20 other reviews in journals including *American Scientist*, *American Political Science Review*, *BioSocieties*, *BioScience*, *International Environmental Affairs*, *Isis*, *Issues in Science and Technology*, *Jurimetrics*, *Nature*, *Nature Biotechnology*, *Public Understanding of Science*, *Science*, *Science, Technology and Human Values*, *Social Studies of Science, Technology and Culture*.