

CURRICULUM VITAE

Name Sheila Sen Jasanoff

Office Address Harvard University
John F. Kennedy School of Government
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Cambridge, MA 02138

Education 1976: J.D., Harvard Law School
1973: Ph.D. (Linguistics), Harvard University
1966: M.A. (Linguistics), University of Bonn, West Germany
1963: A.B. (Mathematics), Radcliffe College

Positions Held

2002- Pforzheimer Professor of Science and Technology Studies, John F. Kennedy School of Government
1998-2002 Professor of Science and Public Policy, Harvard University, John F. Kennedy School of Government and Harvard School of Public Health
1991-98 Professor of Science Policy and Law (Chair, 1991-98), Department of Science & Technology Studies, Cornell University
1990-91 Professor (Director, 1988-91), Program on Science, Technology & Society, Cornell Univ.
1984-89 Associate Professor, Program on Science, Technology & Society, Cornell University
1978-84 Research Associate, Senior Research Associate, Program on Science, Technology & Society, Cornell University
1976-78 Associate, Bracken, Selig and Baram (environmental law firm), Boston, Massachusetts

Visiting Positions

2017 Visiting Professor, Tel Aviv Law School
2016 Miegunyah Distinguished Visiting Fellow, University of Melbourne
2016 Shimizu Visiting Professor in Law, London School of Economics
2014 Visiting Professor, Paris Sciences et Lettres (PSL), France
2009 Distinguished Visiting Professor, MIT, Program in Science, Technology and Society
2007 Honorary Visiting Professor, University of Sussex, UK
2005-2007 Leverhulme Visiting Professor, University of Cambridge, UK
2004 Karl W. Deutsch Guest Professor, *Wissenschaftszentrum*, Berlin (Summer 2004)
2001-2002 Fellow, *Wissenschaftskolleg zu Berlin*, Germany
1999 Visiting Professor, Department of Sociology, Kyoto University
1996 Resident Scholar, Rockefeller Foundation, Bellagio Study and Conference Center
1996 Visiting Scholar, Wolfson College and Centre for Socio-Legal Studies, Oxford University
1995 Visiting Professor, Harvard University, JFK School of Government
1993 Adjunct Professor, Boston University, School of Law
1990-91 Visiting Professor of Environmental Studies, Yale University
1986 Visiting Research Associate, Centre for Socio-Legal Studies, Wolfson College, Oxford University

Fellowships and Honors

2021 Member, American Academy of Arts and Sciences
2021 Member, American Philosophical Society
2021 Mendelsohn Award for Graduate Mentoring, Harvard University
2020 Corresponding Fellow, British Academy
2019 Richard von Weizsäcker Fellow, Robert Bosch Academy, Berlin

- 2018 A. O. Hirschman Prize, Social Science Research Council
 2018 Honorary doctorate, University of Liège, Belgium
 2017 Reimar-Lüst Prize, Alexander von Humboldt Foundation, Germany
 2016 Member, Council on Foreign Relations
 2015 Foreign Member, Royal Danish Academy of Sciences and Letters
 2014 Honorary Membership, Phi Beta Kappa, Alpha Iota Chapter of Massachusetts
 2011 George Sarton Chair and Medal, University of Ghent, Belgium
 2010 John Simon Guggenheim Fellowship
 2008 Life Member, Clare Hall, University of Cambridge
 2008 *Ehrenkreuz (erster Klasse)*, Government of Austria
 2006 Honorary doctorate, University of Twente, Netherlands
 2004 John Desmond Bernal Prize, Society for Social Studies of Science
 1998 Don K. Price Book Award of the Science, Technology & Environmental Politics Section, American Political Science Association, for *Science at the Bar*
 1992 Distinguished Achievement Award, Society for Risk Analysis
 1989-90 American Institute for Indian Studies, short-term fellowship (declined)
 1989 Fellow, American Association for the Advancement of Science
 1982 German Marshall Fund fellowship
 1985 American Institute for Indian Studies, short-term fellowship
 1978-79 Cornell University postdoctoral fellowship
 1968-69 Harvard University traveling fellowship
 1967 American Council of Learned Societies summer grant
 1966-68 Harvard University fellowships
 1960-63 Radcliffe College scholarships

Grants and Awards (selected)

- 2020 John Templeton Foundation, “Global Observatory for Genome Editing” (principal investigator)
 2020 Schmidt Futures, “Futures Forum on Preparedness—Harvard-Cornell Comparative Study of Expertise in COVID Response” (co-principal investigator, in collaboration with S. Hilgartner)
 2020 National Science Foundation, “A Comparative Study of Expertise for Policy in the COVID-19 Pandemic,” (co-principal investigator, in collaboration with S. Hilgartner, Cornell)
 2019 Schmidt Futures, “Ethics in the Lab” (principal investigator)
 2019 Hewlett Foundation, Summer Schools on “Expertise, Trust and Democracy” (principal investigator)
 2018 Belmont Program, Transitions to Sustainability, “Governance of Sociotechnical Transformations (GoST),” (co-principal investigator)
 2015 National Science Foundation, “Traveling Imaginaries of Innovation: The Practice Turn and Its Transnational Implementation,” (principal investigator)
 2012 Faraday Institute, University of Cambridge, “Biology and Law” (principal investigator)
 2011 National Science Foundation, “Life in the Gray Zone: Governance of New Biology in Europe, South Korea, and the United States” (principal investigator).
 2010 Greenwall Foundation, “The Constitutional Foundations of Bioethics: A Cross-National Comparison” (principal investigator).
 2008 National Science Foundation, “Evidence Observed: *Daubert’s* Impact on Science and Justice (principal investigator).
 2007 National Science Foundation, Science and Society Program, “Sociotechnical Imaginaries and Science and Technology Policy: A Cross-National Comparison” (principal investigator).
 2007 Social Science Research Council, Grant for Dissertation Proposal Development Fellowships (DPDF) (co-research director).

- 2003 National Science Foundation, Societal Dimensions of Engineering, Science, and Technology, “Constituting Nature and Society in the Global Environment” (principal investigator/ collaborative grant).
- 1999 National Science Foundation, Ethics and Values Studies, “Reframing Rights: Constitutional Implications of Technological Change” (principal investigator – training grant).
- 1996 National Science Foundation, Ethics and Values Studies, “Sustainable Knowledge of the Global Environment” (principal investigator).
- 1994 Battelle-Pacific Northwest Laboratories, “State of the Art Report on Climate Change” (principal investigator and lead author of chapter on scientific knowledge and decisionmaking).
- 1993 National Science Foundation, Studies in Science, Technology and Society, grant for “DNA Fingerprinting: Law and Science in Criminal Process” (co-principal investigator); supplement for archive on DNA fingerprinting in O.J. Simpson trial.
- 1993 National Endowment for the Humanities grant from Leadership Opportunities in Science and Engineering Education for “Curriculum Development in Science and Technology Studies” (project director).
- 1992 Rockefeller Foundation grant for Resident Fellowships in the Humanities to support “Humanistic Studies of Science, Technology, and the Global Environment” (project director).
- 1991 National Science Foundation grant for graduate training program in science and technology studies - “Social Implications of Changing Knowledge in the Life Sciences” (principal investigator).
- 1990 National Science Foundation research grant for study of “The New Politics of Biotechnology” (principal investigator).
- 1989 Alfred P. Sloan Foundation officer’s grant for symposium on “The Outlook for STS.”
- 1988 Ford Foundation (India) grant for conference on legal and policy implications of the Bhopal gas disaster.
- 1986-87 Twentieth Century Fund grant for study of science and the courts (project director).
- 1985-86 National Science Foundation, Division of Policy Research and Analysis, research grant for study of peer review in the regulatory process (principal investigator).
- 1983 German Marshall Fund, Russell Sage Foundation, and National Science Foundation grants for international conference on chemical regulation (co-organizer).
- 1983-85 National Science Foundation, EVIST Program, Interdisciplinary Incentive Award.
- 1979-81 Volkswagen Foundation research grant for study of chemical regulation in West Germany and U.S. (co-investigator).
- 1979-81 National Science Foundation, Division of Policy Research and Analysis, research grant for study of chemical regulation in Britain, France and U.S. (co-investigator).

Publications

Books and Monographs

- Can Science Make Sense of Life?* (Cambridge: Polity, 2019); Spanish translation, Alianza Editorial (2021).
- The Ethics of Invention: Technology and the Human Future* (New York: Norton, 2016).
- L’Innovazione Tra Utopia e Storia* [Innovation between Utopia and History] (with S. Funtowicz and A. Benessia) (Codice Edizioni: Turin, 2013).
- Le Droit et La Science en Action* (edited and translated by O. Leclerc) (Paris: Dalloz, 2013).
- 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); Japanese translation (2015).

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

Co-editor (with Sang-Hyun Kim) (with sole-authored introduction and conclusion), *Dreamscapes of Modernity: Sociotechnical Imaginaries and the Fabrication of Power* (Chicago: University of Chicago Press, 2015).

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

“The Biopolitics of CRISPR,” in A. Gouw and T. Peters, eds., *CRISPR Revolution in Science, Religion, and Ethics* (Macmillan Palgrave, forthcoming 2021)

“The Vanishing Square: Civic Learning in the Internet Age,” *Hastings Center Report*, Vol. 51, No. S1, *Supplement: Democracy in Crisis: Civic Learning and the Reconstruction of Common Purpose*, January-February 2021, pp. S5-S9, <https://doi.org/10.1002/hast.1222>.

“Humility in the Anthropocene,” *Globalizations* (2021), DOI: [10.1080/14747731.2020.1859743](https://doi.org/10.1080/14747731.2020.1859743).

“Ours Is the Earth: Science and Human History in the Anthropocene,” *Journal of the Philosophy of History*, Vol. 4, No. 3 (2020), pp. 337-358, <https://doi.org/10.1163/18722636-12341447>.

“Pathologies of Liberty: Public Health Sovereignty and the Political Subject in the Covid-19 Crisis,” *Cahiers Droit, Sciences et Technologies*, Vol. 11 (2020), pp. 125-149, <https://doi.org/10.4000/cdst.2982>.

“Constitutionalism at the Nexus of Life and Law” (with J. B. Hurlbut and K. Saha), Introduction to Special Issue, *Science, Technology and Human Values* (2020), <https://doi.org/10.1177/0162243920921236>.

“Bioconstitutional Imaginaries and the Comparative Politics of Genetic Self-knowledge” (with J. B. Hurlbut, I. Metzler, and L. Marelli), *Science, Technology, & Human Values* (2020), <https://doi.org/10.1177/0162243920921246>.

“Imagined Worlds: The Politics of Future-Making in the 21st Century,” in A. Wenger, U. Jasper, and M. Dunn Caverty, eds., *The Politics and Science of Prevision: Governing and Probing the Future* (London: Routledge, 2020), pp. 27-44.

“Knowing Earth,” in P. D. Tortell, ed., *Earth 2020: An Insider’s Guide to a Rapidly Changing Planet* (Cambridge: Open Book, 2020), pp. 170-176, <https://www.openbookpublishers.com/10.11647/obp.0193.19.pdf>.

“The Borderlands of Life: IVF Embryos and the Law in the United States, United Kingdom, and Germany,” *Science, Technology, & Human Values* Vol. 45, No. 6, pp. 1001-1037 (2020), <https://doi.org/10.1177/0162243917753990>.

“Language and Science in Science and Technology Studies,” in D. R. Gruber and L. C. Olman, eds., *The Routledge Handbook of Language and Science* (London: Routledge, 2019), pp. 60-72.

“Science, Common Sense, and Judicial Power in U.S. Courts,” *Daedalus* Vol. 147, No. 4, pp. 15–27 (2018), https://doi.org/10.1162/daed_a_00517.

“Constitutions of Modernity: Science, Risk, and Governable Subjects,” in M. Weimer and A. de Ruijter, eds., *Regulating Risks in the EU: The Co-production of Expert and Executive Power* (Oxford: Hart Publishing, 2017), pp. 19-36.

“No Funeral Bells: Public Reason in a ‘Post-Truth’ Age” (with H. R. Simmet), *Social Studies of Science*, Vol. 47, No. 5, pp. 751-770 (2017), <https://doi.org/10.1177/0306312717731936>.

“Virtual, Visible, and Actionable: Data Assemblages and the Sightlines of Justice,” *Big Data & Society*, Vol. 4, No. 2 (2017), <https://doi.org/10.1177/2053951717724477>.

“Panacea or Diagnosis? Imaginaries of Innovation and the ‘MIT model’ in Three Political Cultures,” (with S. Pfotenhauer), *Social Studies of Science* Vol. 47, No. 6, pp. 783-810 (2017).

“Traveling Imaginaries: The ‘Practice Turn’ in Innovation Policy and the Global Circulation of Innovation Models” (with S. Pfotenhauer), in D. Tyfield, R. Lave, S. Randalls, et al., eds., *The Routledge Handbook of the Political Economy of Science* (London: Routledge, 2017), pp. 416-428.

“Subjects of Reason: Goods, Markets and Competing Imaginaries of Global Governance,” *London Review of International Law*, Vol. 4, No. 3 (2016), pp. 361-391.

“Science and Democracy,” in U. Felt, C. Miller, L. Smith-Doerr, and R. Fouche, eds., *Handbook of Science and Technology Studies* (Cambridge, MA: MIT Press, 2016), pp. 259-287.

“A Century of Reason: Experts and Citizens in the Administrative State,” in S. Skowronek, S. M. Engel and B. Ackerman, eds., *The Progressives’ Century* (New Haven: Yale University Press, 2016), pp. 382-404.

“Perfecting the Human: Post-human Imaginaries and Technologies of Reason,” in J. B. Hurlbut and H. Tirosh-Samuels, eds., *Perfecting Human Futures: Transhuman Visions and Technological Imaginations* (Berlin: Springer, 2016), pp. 73-95.

“Science and Technology Studies,” in K. Bäckstrand and E. Lövbrand, eds., *Research Handbook on Climate Governance* (Cheltenham, Glos: Edward Elgar, 2015), pp. 36-48.

“Science and Law,” *International Encyclopedia of Social and Behavioral Sciences* (Amsterdam: Elsevier, 2015).

“Serviceable Truths: Science for Action in Law and Policy,” *Texas Law Review*, Vol. 93, pp. 1723-1749 (2015).

“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, 2014), pp. 89-108.

“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, 2013), pp. 99-118.

“Epistemic Subsidiarity: Coexistence, Cosmopolitanism, Constitutionalism,” *European Journal of Risk Regulation*, Vol. 2 (2013), pp. 133-141.

“A World of Experts: Science and Global Environmental Constitutionalism,” *Environmental Affairs Law Review* Vol. 40, No. 2 (2013), pp. 439-452.

“The Public of Public Reason” (Sarton Chair Lecture), *Sartonian*, 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; adapted and translated into Chinese in R. Frodeman, J. Britt Holbrook, C. Mitcham, Carl, and Hong Xiaonan, *Peer Review, Research Integrity, and the Governance of Science—Practice, Theory, and Current Discussions* (Beijing: People’s Publishing House, 2012).

“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; adapted and translated as “Ensamblando el aire: una coproducción de materia y materia discutible,” in O. Restrepo Forero, ed., *Proyecto Ensamblado en Colombia* (Bogotá: Universidad Nacional de Colombia, 2013), pp. 465-475.

“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; revised and republished in R. Frodeman, J.T. Klein, and R. C. S. Pacheco, eds., *Oxford Handbook of Interdisciplinarity, 2d edition* (Oxford: Oxford University Press, 2017), pp. 173-187.

“An STS Scholar Reflects on Philosophy,” in Robert Rosenberger, 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.

“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.

“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: SSR/Columbia University Press, 2009).

“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; adapted and reprinted in M. Mayer, M. Carpes and R. Knoblich, *The Global Politics of Science and Technology, Volume I (Global Power Shift)* (Berlin: Springer, 2014), pp. 201-225.

“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 R. Goodin and C. Tilly, eds., *Oxford Handbook of Contextual Political Analysis* (Oxford: Oxford University Press, 2006), pp.745-763; Korean translation *Creation and Criticism*, Vol. 38, No. 2 (2010), pp. 337-364.

“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* (p, MD: Rowman and Littlefield, 2009), pp. 570-583.

“A Living Legacy: The Precautionary Ideal in American Law,” in J. 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; translated into French as “La science et la victime statistique: Moderniser la connaissance dans les litiges liés aux implants mammaires,” *Revue d’Anthropologie des Connaissances* Vol. 6, No. 3 (2012/13), pp. 677-716.

“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 (1998), pp. 713-740.

“Coming of Age in Science and Technology Studies,” *Science Communication*, Vol. 20, No. 1 (1998), pp. 91-98.

“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.

“Harmonization: The Politics of Reasoning Together,” in R. Bal and W. Halfman, eds., *The Politics of Chemical Risk: Scenarios for a Regulatory Future* (Dordrecht, NL: Kluwer, 1997), pp. 173-194.

“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.

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“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).

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“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.

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Editorials and Short Commentaries

“A Stress Test for Politics: Insights from the Comparative Covid Response Project (CompCoRe) 2020,” (with S. Hilgartner), “Power and the COVID-19 Pandemic,” *Verfassungsblog Symposium*, <https://verfassungsblog.de/> (forthcoming).

“Was ‘science’ on the ballot?” (with S. Hilgartner and J.B. Hurlbut), *Science* Vol. 371, No. 6532, pp. 893-894,

“Democratic Governance of Human Germline Genome Editing,” (with J. B. Hurlbut and K. Saha), *The CRISPR Journal* 2(5): 266–271 (2019).

“Bodies in Transition: Ethics in Xenotransplantation Research,” *Hastings Center Report, Defining Death* (November-December 2018), pp. S67-S69.

“Building Capacity for a Global Genome Editing Observatory: Institutional Design” (with K. Saha, J. B. Hurlbut et al.), *Trends in Biotechnology*, (2018) (doi:[10.1016/j.tibtech.2018.04.008](https://doi.org/10.1016/j.tibtech.2018.04.008)).

“Building Capacity for a Global Genome Editing Observatory: Conceptual Challenges” (with J. B. Hurlbut, K. Saha, et al.), *Trends in Biotechnology*, Vol. 36, No. 7, pp. 639–641 (2018).

“A Global Observatory for Gene Editing” (with J. B. Hurlbut), *Nature*, Vol. 555, No. 7697, pp. 435–437 (2018)

“Just Transitions: A Humble Approach to Global Energy Futures,” *Energy Research & Social Science*, Vol. 35, pp. 11-14 (2018).

“Back from the Brink: Truth and Trust in the Public Sphere,” *Issues in Science and Technology* Vol. XXXIII, No. 4 (Summer 2017), pp. 25-28.

“CRISPR Democracy: Gene Editing and the Need for Inclusive Deliberation” (with J.B. Hurlbut and K. Saha), *Issues in Science and Technology*, Vol. XXXII, No. 1 (Fall 2015), pp. 25-32.

“Human Genetic Engineering Demands More than a Moratorium” (with J. B. Hurlbut and K. Saha), *The Guardian*, April 7, 2015.

“Weathering the Climate Crisis,” *Current History*, Vol. 113, No. 759 (2014), pp. 12-15.

“A Mirror for Science,” *Public Understanding of Science*, Vol. 23, No. 1 (2014), pp. 21-26.

- “Sociotechnical Imaginaries and National Energy Policies” (with S-H Kim), *Science as Culture*, Vol. 22, No. 2 (2013), pp. 189-196
- “Genealogies of STS,” *Social Studies of Science*, Vol. 42, No. 3 (2012), 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 History of Scales and the Scales of History,” review of Christophe Bonneuil and Jean-Baptiste Fressoz, *The Shock of the Anthropocene* (London: Verso, 2016); *Development and Change*, Vol. 48, Issue 3 (May 2017), pp. 613-622.

“Small Lamps of Environmental Heroism,” review of Meera Subramanian, *A River Runs Again* (New York: Public Affairs, 2015); *Current History* Vol. 115, Issue 780, p. 157.

“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*, *Current History*, *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*.

Selected Professional Activities

Professional Societies

Council on Foreign Relations (member since 2016)

American Association for the Advancement of Science, Board of Directors (1996-2000); Electorate Nominating Committee Section X (1994-1997); Chair elect and Chair, Section X (2003-5), Committee on Nominations (2003-6)

Society for Social Studies of Science, President (1999-2001), Program Committee (1989-90, 1995-96); Council (1989-92); Chair, Nominating Committee (1991-92); Bernal Prize committee (member 1992-93, 2007; chair 1993-94)

Sigma Xi (life member)

American Political Science Association

New York Academy of Sciences

Massachusetts Bar (admitted 1977)

Science and Democracy Network

Founder and Governing Council Chair (2002-), <http://www.hks.harvard.edu/sdn>.

Editorships (selected)

Editorial Advisory Board, *Global Environmental Politics* (2000-).

Editorial Advisory Board, *Environmental Values* (2000-).

Co-Editor, MIT Press Series, *Politics, Science and the Human Environment* (1995-).

Editorial Advisory Board, *Social Studies of Science* (1993-).

Editorial Advisory Board, *Science, Technology, and Human Values* (1993-).

Editorial Advisory Board, *Environmental Science and Technology* (1994-2000).

Editorial Board, *Science Communication* (formerly *Knowledge: Creation, Diffusion, Utilization*) (1991).

Editorial Advisory Board, *RISK - Health, Safety & Environment* (1993-1995).

Contributing Editor, *Science, Technology, and Human Values* (1988-91).

Special Issue Editor, *Natural Resources and Environment*, Fall, 1986.

Guest editor (with D. Chubin), *Science, Technology, and Human Values*, Summer, 1985.

Advisory Committees (selected)

2019- Advisory Council, Centre for Science and Policy, University of Cambridge

2018- International Advisory Board, Institute of Science and Technology for Humanity (NISTH), Nanyang Technological University

2018- International Advisory Committee, School of Population and Global Health, McGill

2012- Advisory Board, College of Arts and Letters, Stevens Institute of Technology

2008-2017 Chair, Advisory Committee, Institut Francilien Recherche Innovation Société (Ifris)

2007-2011 U.S. National Academy of Sciences, Standing Committee on Social Science Evidence for Use

2006-2012 STEPS Centre Advisory Committee, University of Sussex

2002-2011 International Jury, START-Wittgenstein Award, Austrian Science Foundation (Chair 2006-2011)

2005-2007 Expert Group on Science and Governance, European Commission, DG Research

2003-2004 Co-chair, ICSU Committee on Science and Society

2003-2007 *Kuratorium*, University of Bielefeld, Germany

- 2001-2007 Advisory Board, Science in Society Program, ESRC, United Kingdom
2000-2007 U.S. National Academy of Sciences, Science, Technology and Law Panel
1996-97 U.S. Environmental Protection Agency, Board of Scientific Counselors
1994-96 National Research Council, Committee on Risk Characterization.
1992-94 Advisory Committee, Subcommittee on Science, House Committee on Science, Space, and Technology.
1992-94 Institute of Medicine, Committee to Study the Social and Ethical Impact of Advances in Biomedicine.
1991-93 National Research Council, Committee on Risk Assessment of Hazardous Air Pollutants
1991-92 Institute of Medicine, Committee on FDA's Use of Advisory Committees
1990-92 Advisory Panel, National Science Foundation, EVS Program
1990-91 Member, AAAS-ABA Task Force on the Use of Scientific Evidence in the Courts
1990-92 Co-chair, Advisory Committee, AAAS-ABA Project on Legal and Ethical Implications of Genetic Testing.
1985-91 National Conference of Lawyers and Scientists (AAAS member)
1988-89 Committee on Government-Industry Collaboration in Biomedical Research and Education, Institute of Medicine

Invited Lectures and Presentations (selected)

Named and Special Lectures

- 2016 Miegunyah Lecture, Melbourne University
2016 Royal Danish Academy Lecture, Copenhagen
2016 Gifford Lecture, University of Edinburgh
2016 Shimizu Lecture in Law, London School of Economics
2014 Diderot Lectures (inaugural), Paris Sciences et Lettres, Paris
2013 Buchdahl Lecture, North Carolina State University
2011 Sarton Chair Lecture, University of Ghent
2010 PULSE Inaugural Lecture, UCLA Law School
2009 Bar Hillel Lecture, Tel Aviv, Jerusalem
2008 Annual Law and Society Lecture, University of Oxford
2008 Messenger Lectures ("After Enlightenment?"), Cornell University
2007 Leverhulme Lectures ("Ungoverned Reason"), University of Cambridge
2007 "Performing Democracy: Experts, Citizens and the Public Trust," Parekh Lecture, University of Westminster, London
2006 First Annual Bios Lecture, London School of Economics, London
2006 Vancouver Institute Lecture, Vancouver, British Columbia, Canada
2005 John Passmore Lecture, Australian National University, Canberra
2004 Karl W. Deutsch Lecture, Wissenschaftszentrum, Berlin
2003 Nicholas Mullins Lecture, Virginia Tech, Blacksburg, VA
2000 Presidential Lecture, Iowa State University
2000 Miller.Com Lecture, University of Illinois Urbana-Champaign
2000 Faegre & Benson Lecture Series on Law, Health, and the Life Sciences, University of Minnesota, Minneapolis, MN.
1997 Frank and Peggy Taplin Environmental Lecture, Princeton University
1996 Allied-Domecq series on *Environmental Futures*, University of Cambridge, UK
1995 Cecil and Ida Green Distinguished Lecture, University of Texas at Dallas

Short Courses, Summer Schools

- 2019- Organizer, "Expertise, Trust and Democracy," Harvard University
2014 Co-organizer, "Science and Governance at the Frontiers of Life," Harvard University, STS Program

- 2013 Visiting Professor, University of Vienna, Department of Social Studies of Science
2012- Lecturer (annual), Institute for Global Law and Policy (IGLP) Conferences, Harvard Law School
2011 Co-organizer and co-director European Science & Society Summer School (E4S), “The Human Animal,” European Molecular Biology Laboratory, Heidelberg, Germany
2010 “Life and the Law: Configuring the Human,” European School of Molecular Medicine, Milan
2009 Visiting Professor, University of Vienna, Department of Social Studies of Science
2008- Visiting Professor (5 years), MPA Risk Course, Institut d’études politiques de Paris (Sciences Po)
2008 “Life and the Law: Configuring the Human,” European School of Molecular Medicine, Milan
2008 Co-organizer and co-director European Science & Society Summer School (E4S), “Deconstructing and Reconstructing Life: From Classification to Design,” European Molecular Biology Laboratory, Heidelberg, Germany
2008 Research Director, Dissertation Proposal Development Program, Social Science Research Council (St. Louis, MO and Milwaukee, WI)
2002 Principal Lecturer, Course in Philosophy of Science/Science Studies, Vatnahalsen, Norway
1998 Principal Lecturer, European Graduate Summer School in Science and Technology Studies, Enschede, Netherlands

Professional Societies, Agencies, Conferences (partial, since 2000)

AAAS, American Bar Association, American Philosophical Association, Atlantic Forum-Germany, Berlin Academy of Sciences, Blankensee Conference, British Academy, ESOF, Health Canada, European Commission, Illinois Advanced Judicial Academy, Indian Society for Environmental Economics, Kreisky Forum, National Academy of Engineering, National Academy of Sciences, OECD-EU Workshop, OECD-Canada, Nobel Museum, Sweden, Society for Social Studies of Science, Woodrow Wilson Center (Washington, DC)

Universities and Research Centers (selected, since 2000)

United States

Arizona State University, Boston University, Brown University, Brooklyn Law School, Chemical Heritage Foundation, Cornell University, Dartmouth College, Duke University, Massachusetts Institute of Technology, North Carolina State University, Princeton University, Rutgers University, University of Alabama, UC Berkeley, UCLA, UCLA Law School, UC San Diego, UC Santa Barbara, UC Santa Cruz, University of Chicago, University of Michigan, University of Minnesota, University of Wisconsin-Madison, Yale Law School, Yale University

Americas and Australia

Australian National University, Melbourne University, Sydney University, University of Wollongong, IUPERJ-Rio de Janeiro, University of São Paulo, Halifax University, McGill University, University of British Columbia, York University (CA).

Asia

CASIPM Beijing, IIT-Bombay, IIT-Delhi, Bar-Ilan University, Hebrew University, Tel Aviv Law School, Japanese Federation of Bar Associations (Tokyo), RISTEX-Tokyo, Korea Advanced Institute of Science and Technology (KAIST), Seoul National University

Europe

Centre Koyré Paris, Durham University, Edinburgh University, ETH-Zurich, European Molecular Biology Lab, European University Institute, Exeter University, Heidelberg University, Humboldt University, Istanbul Technical University, ITAS-Karlsruhe, Lancaster University, London School of Economics, Max-Planck Institute for History of Science-Berlin, Nottingham University, Potsdam Institute for Climate Research, Tate Britain, TU-Delft, Universitat Autònoma de Barcelona, University of Amsterdam, University of Basel, University of Bergen, University of Bielefeld, University of Bonn, University of Cambridge, University of

Cardiff, University of Catania, University of Copenhagen, University of Halle, University of Heidelberg, University of Iceland, University of Leiden, University of Milan, University of Oslo, University of Oxford, University of Sussex-SPRU, University of Sussex-IDS, University of Trento, University of Tübingen, University of Vienna, Wageningen University, *Wissenschaftszentrum* Berlin

Consulting

Agriculture Canada, Battelle-Pacific Northwest Laboratory, Carnegie Commission on Science, Technology and Government, European Commission, Harvard School of Public Health, Health Effects Institute, Institute of Medicine, National Research Council, National Science Foundation, Oak Ridge National Laboratory, Office of Technology Assessment, Organization for Economic Cooperation and Development, Pew Initiative on Food and Biotechnology, U.S. Environmental Protection Agency, *Wissenschaftszentrum* Berlin

University Administration

Harvard University (1998-)

Kennedy School Program on Science, Technology and Society, founder and director (2002-)
Board of Tutors, Environmental Science and Public Policy, Faculty of Arts and Sciences (1998-)
Steering Committee and Cabinet, Lakshmi Mittal and Family South Asia Institute (2018-).
Embryonic Stem Cell Research Oversight Committee (2006-)
Faculty Advisory Council on the University Library (2012-2015)
Research Advancement Initiative Advisory Board, Graduate School of Design (2011)
Milton Fund Committee (2008)
Kennedy School Faculty Committee on Overseas Programs (2004)
Kennedy School Appointments Committee (1999-2003)

Cornell University, 1978-98

Member, Steering Committee, Institute for Comparative and Environmental Toxicology (1982-89)
Director, Law and Society Program, College of Arts & Sciences (1983-89)
Director, Environmental Policy Program, Center for Environmental Research (1984-88)
Member, Nordlander Committee for Science and Public Policy (1986-91)
Member, Search Committee, Luce Professorship in the Social Implications of Biotechnology (1987-89)
Member, Provost's Study Committee on Environmental Sciences (1989-90)
Member, Governing Board, Center for the Environment (1991-92)
Member, Steering Committee, Cornell Institute for Public Affairs (1992-94)
Member, Council on Environmental Studies (1992-95)
Member, Dean's Advisory Committee on Appointments (1994-96)
Member, Provost's Advisory Group on Policy Studies (1994-95)
Member, Dean of the Faculty's Committee on Governance (1994-95)
Member, Ad Hoc Advisory Group on Research (1993-95)
Member, College Scholar Board (1994-98)

Courses Taught

Harvard University (1998-)

Technology, Ethics, and Society (co-taught with L. Mahadevan and K. Raffel, SEAS)
Sustainability (Freiburg Summer School)
Technology, Environment and Society
Law, Science and Society in America
Knowledge as Power in Law and Science (previously The Power and Mystery of Expertise) (co-taught with D. Kennedy, HLS)
Experts, Expertise and Public Policy
Environmental Politics
Bioethics, Law and the Life Sciences (previously Law and the Life Sciences)
Science, Power and Politics

Critical Perspectives on Policy Analysis
Science and Technology Studies

Cornell University (1978-98)

Science, Technology and Law (Cornell Law School)

Regulation of Toxic Substances

Comparative Public Law

Graduate Toxicology Seminars on Science and Public Policy

Law, Science and Public Values

Interpretation, Authority and the Law

Biotechnology and the Law

Environmental Risk and Public Policy

Law, Science and Technology (Yale Law School)

Law, Science and Public Policy (Harvard University, JFK School of Government)

International Environmental Policy (Boston University, Yale, and Cornell)

Graduate Workshop in Law, Science and Technology

Politics of Environmental Protection in America

American Science Policy

Science in the American Polity, 1960-Now

Science Studies and the Politics of Science