

JOHN STRAIT APPLGATE
Executive Vice President for University Academic Affairs
Indiana University
Bryan Hall 204, 107 South Indiana Avenue
Bloomington, Indiana 47405
812-855-9198 (office) -- jsapple@indiana.edu

Education

- 1978 - 1981 HARVARD LAW SCHOOL, Cambridge, Mass.
J.D., *magna cum laude*, 1981
- 1974 - 1978 HAVERFORD COLLEGE, Haverford, Pa.
B.A. with High Honors in English, 1978
Phi Beta Kappa; S.P. Lippincott Prize in History

Employment

- 2007 - present INDIANA UNIVERSITY
Executive Vice President for University Academic Affairs, since 2013
Acting Provost, IU Bloomington, April-June 2015
Executive Vice President for Univ. Regional Affairs, Planning, and Policy, 2011-2013
Vice President for University Regional Affairs, Planning, and Policy, 2010-2011
Vice President for Planning and Policy, 2008-2010
Presidential Fellow, Office of the President, 2007-2008
- 1998 - present INDIANA UNIVERSITY MAURER SCHOOL OF LAW (Bloomington)
Walter W. Foskett Professor of Law, since 2002; Professor, 1998-2002
Executive Associate Dean for Academic Affairs, 2002-2009
Indiana University Leadership Development Program, 2006
CIC Academic Leadership Program Fellow, 2003-2004
Alliance of Distinguished and Titled Professors, since 2002
University Graduate School Faculty, since 2002
Faculty Fellow, 1999-2000, 2000-2001
- Fall 1996 VANDERBILT UNIVERSITY SCHOOL OF LAW
Visiting Professor of Law
- 1987 - 1998 UNIVERSITY OF CINCINNATI COLLEGE OF LAW
James B. Helmer, Jr., Professor of Law, 1994-1998
Professor, 1992-1994; Associate, 1990-1992; Assistant, 1987-1990
Goldman Prize for Excellence in Teaching, 1991, 1995
- 1983 - 1987 COVINGTON & BURLING, Washington, D.C.
Associate Attorney
- December 1985 - June 1986 NEIGHBORHOOD LEGAL SERVICES PROGRAM, Washington, D.C.
Staff Attorney
- 1981 - 1983 UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT,
(U.S. Court of Claims, 1981-1982), Washington, D.C.
Law Clerk to Hon. Edward S. Smith

University Administrative Responsibilities

University Academic Affairs and Faculty Relations (all campuses)

- Chair, Academic Leadership Council: approves academic programs, develops university-wide academic policy, resolves inter-campus issues
- University-wide academic initiatives, e.g., Office of Completion and Student Success, University Transfer Office, academic and career advising support
- Government and external relations on academic matters, including Indiana Commission for Higher Education, Indiana legislature, U.S. Department of Education, other universities, foundations, and non-governmental organizations
- University Faculty Council
- Office of Online Education
- University Graduate School
- Liaison to Board of Trustees Academic Affairs Committee
- Faculty Athletics Committee (Bloomington)
- Faculty Academy on Excellence in Teaching (FACET)
- New Directions in Teaching & Learning
- University Naming Committee (co-chair)

Regional Campus Affairs

- Oversight (chancellors report to the executive vice president), including academic affairs, budget, athletics, faculty relations, major personnel matters
- Blueprint for Student Attainment: vision and strategic plan for regional campuses, 2010, 2015
- Development strategies; IU Bicentennial Campaign
- Government relations, branding strategies

Public Safety and Institutional Assurance (all campuses)

- IU Police Department
- Emergency Management & Continuity
- Environmental Safety & Health
- Compliance Assurance
- Physical Security
- Enterprise Risk Management
- Student Welfare Executive Committee (vice chair)

University Student Services and Systems

- University Institutional Research & Reporting
- Student Services Initiative: implement shared service model for back-office functions of registrar, financial aid, admissions, bursar, student records
- Academic enterprise systems specification and support
- Financial aid management and compliance; financial literacy initiatives

University Strategic Planning

- Indiana University Bicentennial Strategic Plan, 2014
- IU Principles of Excellence, 2010
- IU Foundation Strategic Planning Committee

Policy Administration

- University policy procedures, portal, and organization
- Cross-unit policy development

Executive Recruitment and Review

- Organize and support searches for senior academic administrators
- Organize and support review procedures for senior academic administrators

Instruction

Courses Taught

Toxic Substances and Hazardous Wastes, International Environmental Law, Environmental Law Seminar (various topics), Property, Administrative Law, Torts, Environmental Law Survey, Introduction to Law

Dissertation Committees

SJD – chaired 4, member of 2
PhD – member of 6 at Indiana (SPEA, Law & Political Science), 2 at Cincinnati (Communications, Engineering)

Books

THE REGULATION OF TOXIC SUBSTANCES AND HAZARDOUS WASTES, 2D ED. (& JAN G. LAITOS, JEFFREY M. GABA, NOAH M. SACHS) and Teachers Manual (Foundation Press 2011) (third edition under contract for 2018).

ENVIRONMENTAL LAW: RCRA, CERCLA, AND THE MANAGEMENT OF HAZARDOUS WASTE (Foundation: Turning Point Series) (& JAN G. LAITOS) (2005).

THE INTERNATIONAL LIBRARY OF ESSAYS IN ENVIRONMENTAL LAW: ENVIRONMENTAL RISK (2 volumes; Ashgate 2004) (editor), and *Introduction: Environmental Risk: Defining the Problem and Disciplining the Response* (pp. xiii-xxiv).

THE REGULATION OF TOXIC SUBSTANCES AND HAZARDOUS WASTES (Foundation Press 2000) (& JAN G. LAITOS, CELIA CAMPBELL-MOHN); and TEACHERS MANUAL (2002).

Articles and Chapters

Chemicals as Regulatory Targets (and Steven Vaughan), in *ENCYCLOPEDIA OF CHEMICAL LAW: PRODUCTS, WASTE, AND SOIL* (Adam Abelkop & Lucas Bergkamp, eds.) (Elgar, forthcoming).

Embracing a Precautionary Approach to Climate Change, in *ECONOMIC THOUGHT AND U.S. CLIMATE CHANGE POLICY* (David M. Driesen, ed.) (MIT Press 2010).

Synthesizing TSCA and REACH: Practical Principles for Chemical Regulation, 35 *ECOLOGY L.Q.* 721 (2008), reprinted in 41 *LAND USE AND ENVIRONMENT L. REV.* 515 (2010), as one of the peer-selected six best environmental law articles published in 2009.

The Temporal Dimension of Land Pollution: Another Perspective on Applying the Breaking-the-Logjam Principles to Waste Management, 17 *NYU ENVTL. L.J.* 757 (2008).

- Bridging the Data Gap: Balancing the Supply and Demand for Chemical Information*, 86 TEX. L. REV. 1365 (2008).
- Missing Information: The Scientific Data Gap in Conservation and Chemical Regulation*, 83 IND. L.J. 399 (2008) (introduction to symposium conference) (with Robert Fischman).
- Environmental Justice and the Sense of Place*, in ENVIRONMENTAL LITERACY: A BASIC COMPETENCY FOR 21ST CENTURY UNIVERSITY EDUCATION, Heather L. Reynolds *et al.*, eds. (Indiana Univ. Press 2010).
- Reforming the Toxic Substances Control Act*, in CPR for the Environment: Breathing New Life into the Nation's Major Environmental Statutes, Center for Progressive Reform (2007) (& Wendy E. Wagner), January 2007.
- The Government Role in Scientific Research: Who Should Bridge the Data Gap in Chemical Regulation?*, in RESCUING SCIENCE FROM POLITICS: REGULATION AND THE DISTORTION OF SCIENTIFIC RESEARCH (Wendy Wagner & Rena Steinzor, eds.) (Cambridge Univ. Press 2006), pp. 255-278.
- The Story of Reserve Mining: Managing Scientific Uncertainty in Environmental Regulation* in ENVIRONMENTAL LAW STORIES (Richard Lazarus & Oliver Houck, eds.) (Foundation Press 2005).
- The Taming of the Precautionary Principle*, 27 WM. & M. ENVTL. L. & POLICY REV. 13 (2002).
- Introduction: Syncopated Sustainable Development*, 9 IND. J. GLOBAL LEGAL STUD. 1 (2001) (& Alfred C. Aman, Jr.).
- The Prometheus Principle: Using the Precautionary Principle to Harmonize the Regulation of Genetically Modified Organisms*, 9 IND. J. GLOBAL LEGAL STUDIES 207 (2001).
- Judicial Review of Risk Assessment: Substance or Procedure?* 6 RISK DECISION & POLICY (Cambridge Univ. Press) 123 (2001).
- Getting Ahead of Ourselves: A Comment on Professor Frank B. Cross' Legal Implications of Hormesis*, 8:3 BELLE [Biological Effects of Low Level Exposures] Newsletter 9 (2001); 20:3 HUMAN & EXPERIMENTAL TOXICOLOGY 129 (2001).
- The Precautionary Preference: An American Perspective on the Precautionary Principle*, 6:3 HUMAN & ECOLOGICAL RISK ASSESSMENT 413 (2000).
- Using Cases as Case Studies for Teaching Administrative Law*, 38 BRANDEIS L.J. 217 (2000).
- Risk Assessment: Science, Law, and Policy*, 14:4 NAT. RESOURCES & ENVT. 219 (Spring 2000) (& Celia Campbell-Mohn).
- National Security and Environmental Protection: The Half-Full Glass*, 26 ECOLOGY L.Q. 350 (1999) (book review).
- Preparing for Rule 612*, in ABA SECTION ON LITIGATION, THE LITIGATION MANUAL: PRETRIAL at 432 (3d ed. 1999) (revision of 1993 LITIGATION article, *infra*), reprinted in THE LITIGATION MANUAL: DEPOSITIONS (2006).
- Learning from NEPA: Some Guidelines for Responsible Federal Risk Legislation*, 23 HARV. ENVTL. L. REV. 93 (1999) (Celia Campbell-Mohn &).

- Risk Assessment, Redevelopment, and Environmental Justice: Candidly Evaluating the Brownfields Bargain*, 13 J. NAT. RESOURCES & ENVTL. L. 243 (1997-98).
- Institutional Controls or Emperor's Clothes? Long-Term Stewardship of the Nuclear Weapons Complex*, 28 ENVTL. L. REP. (ENVTL. L. INST.) 10631 (1998) (& Stephen Dycus).
- Short Changing Short-Term Risk: A Study of CERCLA Remedy Selection*, 15 YALE J. ON REG. 269 (1998) (& Steven M. Wesloh).
- Beyond the Usual Suspects: The Use of Citizens Advisory Boards in Environmental Decisionmaking*, 73 IND. L.J. 903 (1998).
- Comparative Risk Assessment and Environmental Priorities Projects: A Forum, Not a Formula*, 25 N. KY. L. REV. 71 (1998).
- Decision Time for DOE: LWVEF Urges National Dialogue on Nuclear Facilities Cleanup*, THE NATIONAL VOTER [League of Women Voters], January 1998, p. 14 (& Sharon Lloyd-O'Connor).
- FUTURESITE: An Environmental Remediation Game-Simulation*, 28 SIMULATION & GAMING 13 (1997) (& Douglas J. Sarno).
- Citizens Get Involved in Cleaning Up Fernald*, 11:4 FORUM FOR APPLIED RES. & PUB. POLICY 122 (1996) (& Douglas J. Sarno).
- Coping with Complex Facts and Multiple Parties in Public Disputes*, CONSENSUS [Harvard-MIT Public Disputes Program] no.31, p.1 (July 1996) (& Douglas J. Sarno).
- A Beginning and Not an End in Itself: The Proper Role of Risk in Environmental Decisionmaking*, 63 U. CIN. L. REV. 1643 (1995).
- How to Save the National Priorities List from the D.C. Circuit -- And Itself*, 9 J. NAT. RESOURCES & ENVTL. L. 211 (1993-94).
- Preparing for Rule 612*, 19:3 LITIGATION 17 (1993).
- Worst Things First: Risk, Information, and Regulatory Structure in Toxic Substances Control*, 9 YALE J. ON REG. 277 (1992).
- The Perils of Unreasonable Risk: Information, Regulatory Policy, and Toxic Substances Control*, 91 COLUM. L. REV. 261 (1991).
- Judicial Rhetoric and Administrative Law*, 42 ADMIN. L. REV. 307 (1990) (review essay, reviewing G. EDWARD WHITE, THE AMERICAN JUDICIAL TRADITION (expanded ed. 1988)).
- Witness Preparation*, 68 TEX. L. REV. 277 (1989), reprinted in 39 DEF. L.J. 457 (1990).
- The Business Papers Rule: White Collar Crime and Personal Privacy*, 16 AKRON L. REV. 189 (1982).
- Comment, *Pen Registers After Smith v. Maryland*, 15 HARV. C.R.-C.L. L. REV. 753 (1980) (& Amy Grossman).

Reports and Congressional Testimony

Low-Level Radioactive Waste Management and Disposition: Proceedings of a Workshop (National Research Council/National Academy of Sciences; chair of workshop planning committee and report reviewer) (2017).

Tank Waste Retrieval, Processing, and On-Site Disposal at Three Department of Energy Sites: Final Report (National Research Council/National Academy of Sciences; member of authoring committee) (2006).

Risk and Decisions about Disposition of Transuranic and High-Level Radioactive Waste (National Research Council/National Academy of Sciences; vice chair of authoring committee) (2005).

Reporter, Recommendation Regarding Risk Assessment Legislation, American Bar Association, Section on Administrative Law and Regulatory Practice, February 1999 (with Celia Campbell-Mohn).

The Innovative Use of the Federal Advisory Committee Act to Improve Public Participation in Agency Decisions, Subcommittee on Government Management, Committee on Government Review and Oversight, U.S. House of Representatives, July 14, 1998.

The Use of Risk Assessment in Setting Standards and Priorities for the U.S. Department of Energy, Committee on Energy and Natural Resources, U.S. Senate, March 6, 1995.

Overseas Teaching and Research

American Administrative Law in Comparative Perspective, Institut de Droit Comparé, Université Panthéon-Assas (Paris 2), Paris, France, 2002, 2007-2017.

Visiting Fellowship, EU Economic and Social Research Council/U.S. Social Science Research Council, Centre for Business Relationships, Accountability, Sustainability and Society, Cardiff University, Cardiff, Wales, May 2005.

Anglo-American Property Law, Juristische Fakultät, Friedrich-Alexander-Universität Erlangen-Nürnberg, Erlangen, Germany, May - June 2004, June 2000.

Peer Review

Manuscript Reviewer

Springer Nature (Netherlands) (2016), *Law & Society Review* (2006, 2010, 2012, 2013, 2015, 2016), *Science* (2014), *Environmental Management* (2013, 2014), Social Sciences and Humanities Research Council of Canada (2013, 2016), *Yale Journal on Health Policy, Law, and Ethics* (2013), *Risk Analysis* (2003, 2013), *Transnational Environmental Law* (2012), *Regulation & Governance* (2011), *Policy Studies Journal* (2011), *Health Affairs* (2011), Cambridge University Press (2008, 2009, 2010), *Stanford Law Review* (2010), Harvard University Press (2009), Oxford University Press (2008), University of Michigan Press (2007), Indiana University Press (2007), *Environmental Management* (2007), *Journal of Policy Analysis & Management* (2005), University of California Press (2002), Duke University Press (2001), Stanford University Press (2001), Greenwood Press (2001).

American Bar Association, Accreditation Site Visit Teams

University of Nebraska (chair) (2018), University of Florida (2016), University of Oklahoma (chair) (2015), University of Miami (2014), University of Nevada Las Vegas (2012), University of Pittsburgh (2011), University of South Carolina (2008), University of New Mexico (2007).

National Research Council/National Academy of Sciences, Reviewer, *Analysis of Cancer Risks in Populations Near Nuclear Facilities: Phase I*, 2012.

Land Use and Environmental Law Review, First Level Review Board (2000-2002, 2005-2008, 2010-2014)

National Research Council/National Academy of Sciences, Reviewer, Follow-Up Letter Reports on *Draft Supplementary Risk Assessments and Site Suitability Analyses for the National Emerging Infectious Diseases Laboratory*, Boston University, 2011, 2010, 2008.

National Research Council/National Academy of Sciences, Reviewer, Letter Report on *Draft Supplementary Risk Assessments and Site Suitability Analyses for the National Emerging Infectious Diseases Laboratory*, Boston University, 2007.

National Research Council/National Academy of Sciences, Review Coordinator, *One Step at a Time: The Staged Development of Geologic Repositories for High-Level Radioactive Waste*, 2003.

National Research Council/National Academy of Sciences, *A Strategic Vision for Department of Energy Environmental Quality Research and Development*, April 2001.

National Research Council/National Academy of Sciences, *Long-Term Management of U.S. Department of Energy Legacy Waste Sites*, May 2000.

Rocky Flats Radionuclide Soil Action Level Regulatory Analysis, Rocky Flats, Colorado, February 2000.

U.S. Environmental Protection Agency, STAR Fellowships, Reviewer, 1999.

Nevada Risk Assessment/Management Program (NRAMP), University of Nevada Las Vegas, 1995 - 1998.

Papers, Lectures, and Presentations

Holistic Approaches to Remediation: The Rocky Flats Example, Workshop on Holistic Approaches to Nuclear Site Remediation and Alternative End States, National Academy of Sciences, October 30-31, 2013.

Planning for Proliferation: Some Unsolicited Advice for the Blue Ribbon Commission on America's Nuclear Future, Duke Law School, Center on Law, Ethics and National Security, April 16, 2010.

Moderator, Picking the Low-Hanging Fruit, Regulatory Dysfunction in 3D – TSCA, CPSA, and the OSH Act, University of Maryland School of Law, October 8, 2009.

The Rise of Risk Regulation and the Emergence of Precaution, Academia Sinica, Taipei, Taiwan, April 25, 2008.

Risk Regulation for Hazardous and Nuclear Waste Management, Taiwan Atomic Energy Council, Taipei, Taiwan, April 25, 2008.

New Approaches to Chemicals Regulation in the United States and Europe, National Taiwan Ocean University, Keelung, Taiwan, April 28, 2008.

Policy Principles for Managing Hazardous Waste, National Taipei University, Taipei, Taiwan, April 28, 2008.

Panel Chair, Waste Management, Breaking the Logjam: An Environmental Law for the 21st Century, New York University School of Law, March 29, 2008.

Supply and Demand, Bridging and Filling: Making Information Count in Chemical Regulation, University of Texas School of Law, February 1, 2008.

Facts, Ideas, and a Precautionary Approach to U.S. Climate Change Policy, University of Kansas School of Law, October 20, 2007.

TSCA and REACH: Toward Principles for Chemical Regulation Reform, Georgetown University Law Center Environmental Law Research Workshop, October 10, 2007.

Prevention and Precaution, TSCA and REACH, European Union Center of Excellence and Graduate School of Public Health, University of Pittsburgh, June 7, 2007.

Next Generation Chemicals and Pesticides Law, Concept Paper for the Roundtable on Next Generation Environmental Law Project, University of Florida, March 1, 2007 (in absentia).

REACH: Europe's New Approach to Toxic Substances Control, Integrated Toxicology and Environmental Health Program, Duke University, February 9, 2007.

White Paper: Strategies for Closing the Chemical Data Gap, Center for Progressive Reform, January 2006 (& Katherine Baer).

The Chemical Data Gap: Risk, REACH, and Precaution, Centre for Business Relationships, Accountability, Sustainability and Society, Cardiff University, Wales, May 19, 2005.

Overview: What Are Data Gaps and Types of Data Gaps; REACH and Data Needs, Symposium: The Data Gaps Dilemma: Why Toxic Ignorance Threatens Public Health, University of Maryland School of Law, May 6, 2005.

Clean Science: The Government Role in Scientific Research, University of Maryland School of Law, April 16, 2004; University of Cincinnati College of Law, April 24, 2004.

REACH, Risk, and Precaution, Society for Risk Analysis Annual Meeting, Baltimore, December 8, 2003.

Environmental Justice and the Sense of Place, Indiana University Environmental Literacy Seminar Series, October 23, 2003.

Environmental Indicators, Accountability, and Risk, Society for Risk Analysis Annual Meeting, New Orleans, December 10, 2002.

Taming the Precautionary Principle: Sustainable Development at Rio Plus 10, William & Mary Law School, Williamsburg, Virginia, March 22, 2002.

Key Issues in Public Participation, Workshop on Public Participation in Environmental Assessment and Decision Making, National Academy of Sciences, Washington, D.C., Dec. 14, 2001.

The Precautionary Principle in International Law: Reconciling Precaution and Risk Analysis, Society for Risk Analysis, Seattle, Wash., Dec. 4, 2001.

Some Implications of *American Trucking Associations* for Risk Analysis, Society for Risk Analysis, Seattle, Wash., Dec. 3, 2001.

Public Involvement in Radioactive Waste Management Decisions at Fernald, National Academy of Sciences, Board on Radioactive Waste Management, Washington, D.C., August 7, 2001.

Preparing for Long-Term Stewardship in the Department of Energy, National Academy of Sciences, Board on Radioactive Waste Management, Washington, D.C., April 3, 2001.

The Precautionary Principle, Prior Informed Consent, and Sustainable Development: Pieces of the GMO Regulatory Puzzle, Sustainable Development, Agriculture, and the Challenge of Genetically Modified Organisms, Indiana University - Bloomington, March 31, 2001.

Judicial Review of Risk Assessment: Substance or Procedure?, Society for Risk Analysis, Washington, D.C., December 5, 2000.

Science and Law in Judicial Review of Risk Assessments (Poster Platform), Society for Risk Analysis, Washington, D.C., December 5, 2000 (co-author).

The Federalism Debate in Environmental Law, Indiana State Bar Association, Environmental Law Section, Evansville, Indiana, September 18, 2000.

Everywhere and Nowhere: The Precautionary Principle (Vorsorgeprinzip) in United States Environmental Law, Akademie fuer Technikfolgenabschätzung in Baden-Württemberg, Stuttgart, Germany, June 19, 2000.

Everywhere and Nowhere: The Precautionary Principle (Vorsorgeprinzip) in United States Environmental Law, Friedrich-Schiller-Universität, Jena, Germany, June 15, 2000.

Cases and Case Studies, Administrative Law Discussion Forum, Louis D. Brandeis School of Law, University of Louisville, November 13, 1999.

Comment on Howard C. Kunreuther *et al.*, "Third Party Inspection as an Alternative to Command and Control Regulation," *Environmental Contracts and Regulatory Innovation: Comparative Approaches in Europe and the United States*, The Wharton School, University of Pennsylvania, September 24-25, 1999.

The Precautionary Principle: An American Perspective, Harvard Center for Risk Analysis, Workshop: The Precautionary Principle: Refine It or Replace It?, Washington, D.C., June 3, 1999.

Discussant, The New Cultural, Environmental, and Governing Practices of State Building in Administrative Law, Law & Society Association Annual Meeting, Chicago, May 27, 1999.

Yucca Mountain: The Upcoming Challenge for Disposal of High-Level Radioactive Waste, Tenth Institute for Natural Resources Law Teachers, Rocky Mountain Mineral Law Foundation, Las Vegas, Nevada, May 14, 1999.

Bargaining for Risk - A New Paradigm for Risk Regulation?, Risk Assessment & Policy Association, Washington, D.C., March 26, 1999 (co-author).

Legislative Reform of Risk Assessment, Risk Assessment & Policy Association, Washington, D.C., March 26, 1999.

Workshop: The Tools of Environmental Practice, National Association of Environmental Law Societies 1999 Conference, Bloomington, Ind., February 27, 1999.

Risk Assessment and Brownfields: A Tool for Evaluation and Communication, Society for Risk Analysis, Phoenix, Ariz., December 8, 1998.

Poster Session, Risk Analysis in the Courts: 1998, Society for Risk Analysis, Risk Science and Law Specialty Group, December 7, 1998 (co-editor & contributor).

Witness Preparation: Ground Rules and Pitfalls, North American Securities Administrators Association Litigation Training Seminar, Charleston, S.C., November 20, 1998.

Brownfields: Risk and Legal Reform, Workshop on Risk, Uncertainty, and the Environment, Health and Environmental Risk Institute, University of Cincinnati, September 9, 1998.

Discussion Group Co-Chair, Workshop on Similarities and Differences between Chemical and Radiation Environmental Risk Management, Environmental Law Institute/Johns Hopkins University Risk Sciences and Public Policy Institute, Annapolis, Md., June 8-9, 1998.

Respondent Panel, Superfund Basic Research: Integrating State and Local Needs and Perspectives, National Environmental Policy Institute, Washington, D.C., May 6, 1998.

Discussion Group Leader, Creating a Successful Long-Term Stewardship Program for DOE Sites, Resources for the Future, Washington, D.C., April 16-17, 1998.

Risk Assessment for Brownfields: The Perils of Prediction, Brownfields Symposium, University of Kentucky College of Law, April 3, 1998.

Organizing Stakeholder Input for Accelerated Cleanup, Waste Management '98, Tucson, Arizona, March 4, 1998 (co-author).

Poster Session, Risk Analysis in the Courts, Society for Risk Analysis, Risk Science and Law Specialty Group, Washington, D.C., Dec. 10, 1997 (co-editor & contributor).

Improving the Practice: Chairing a Citizens Advisory Board, in *The Practitioner: The Newsletter of the International Association for Public Participation*, June 1997.

Colloquium, Improving Environmental Decision-Making through Public Participation: The Fernald Experience, Center for Nuclear and Toxic Waste Management, Department of Nuclear Engineering, University of California, Berkeley, April 29, 1997.

Colloquium, The Management of Short-Term Risk in Superfund Remedy Selection, Department of Nuclear Engineering, University of California, Berkeley, April 28, 1997.

Short-Changing Short-Term Risk in Superfund Remedy Selection, Risk Assessment & Policy Association, Washington, D.C., March 6, 1997.

DOE's Sites: Understanding the Challenge, Workshop on Land Use and DOE Sites: The Implications for Long-Term Stewardship, Resources for the Future, Washington, D.C., January 16, 1997.

When the Cure is Worse Than the Disease, Symposium on Risk, Science & Law, Society for Risk Analysis Annual Meeting, New Orleans, December 10, 1996.

Tools for Building Consensus, Ohio Commission on Dispute Resolution and Conflict Management, Public Policy Facilitators Fall Workshop, Columbus, Ohio, November 4, 1996.

Seminar: Short-Term Risk in CERCLA Remedy Selection, Vanderbilt University School of Engineering, September 17, 1996.

The Application of Brownfields at DOE Sites: Future Use and Institutional Controls, Energy Communities Alliance Annual Meeting, Washington, D.C., March 7, 1996.

The Fernald Citizens Task Force: Shifting the Focus, Waste Management '96, Tucson, Arizona, February 26, 1996 (co-author).

Rule 612 and Witness Preparation, Potter Stewart Inns of Court, Cincinnati, Ohio, January 23, 1996.

Fernald (Of All Places) Offers a Model for Revitalizing Democracy, Guest Editorial, *The Cincinnati Post*, November 20, 1995.

Fernald Update: Realism, Risk, and Radium, U.S. Environmental Protection Agency-University of Cincinnati College of Engineering Seminar Series, November 16, 1995.

Citizen/Stakeholder Participation -- An Integral Component of Site Clean-Up Operations, Seventh Annual Weapons Complex Monitor Decisionmakers' Forum, Jacksonville, Florida, September 27, 1995.

Implementation, Organization, and Management in Environmental Management Activities, Presentation to Committee to Evaluate the Science, Engineering, and Health Basis of DOE's Environmental Management Program, National Academy of Sciences, August 30, 1995.

Mission Accomplished: The Fernald Citizens Task Force (co-author); *and* Roundtable: Collaboration on Clean-up: How Site-Specific Advisory Boards Can Help DOE Make Informed Recommendations on

National Clean-up Problems (co-convenor), Environmental Restoration '95, Denver, Colorado, August 14, 1995.

Priority Setting, Timing & Staging of Environmental Management Activities, Presentation to Committee to Evaluate the Science, Engineering, and Health Basis of DOE's Environmental Management Program, National Academy of Sciences, June 27, 1995.

Federal Facilities Clean-up: How Clean Is Clean Enough?, Panelist, National Environmental Policy Institute, Washington, D.C., June 22, 1995.

Organizing a Site-Specific Advisory Board, Sandia National Laboratory Citizens Advisory Board, Albuquerque, New Mexico, June 15, 1995.

Finding Common Ground, Keynote Address, Hamilton County Environmental Priorities Project, Cincinnati, Ohio, May 13, 1995.

Environmental Compliance: A Short Course, University of Cincinnati College of Engineering, May 31 - June 2, 1995 (co-teacher).

Public Participation at Fernald: The Task Force Process, Waste Management '95, Tucson, Arizona, February 27, 1995.

Involving the Public in Risk-Based Decisionmaking at Fernald, U.S. Environmental Protection Agency-University of Cincinnati College of Engineering Seminar Series, January 12, 1995.

The Focused Site-Specific Advisory Board: Key Issues and Activities from the Fernald Experience, October 1994 (co-author).

National Standards and Local Solutions in Superfund Reauthorization, University of Kentucky College of Law, March 31, 1994.

Land Use Issues in Environmental Restoration, U.S. Department of Energy, National Laboratories Environmental and Occupational/Public Health Standards Steering Group, Washington, D.C., March 16, 1994 (panel chair).

Environmental Policy and Regulation of International Trade, Cincinnati Bar Association, January 27, 1992.

An Overview of Federal Environmental Legislation, Association of College and Research Libraries, Law and Political Science Section, Atlanta, Georgia, June 30, 1991.

Returning to Torts, Joint Session of the Fifteenth Annual Mineral Law Seminar, Mineral Law Center, University of Kentucky College of Law, Lexington, Kentucky, October 26, 1990.

Overview of Laws Affecting Municipal Environmental Regulation, Workshop for Local Government Officials on Environmental and Occupational Risk Assessment and Management, Cincinnati, Ohio, May 3, 1990.

Ethical Considerations for the Environmental Lawyer, Cincinnati Bar Association, February 28, 1990.

The Roles of an Administrative Law Judge, Keynote Speech at Annual Meeting of National Association of Hearing Officials, Cincinnati, Ohio, October 15, 1989.

Allocating the Cost of Developing Information About Toxic Substances, Faculty Seminar, University of Cincinnati Institute of Environmental Health, April 27, 1988.

Professional Activities and Public Service

- | | |
|----------------|--|
| 2016 | National Research Council/National Academy of Sciences, Chair, Workshop Organizing Committee on Low-Level Radioactive Waste Management and Disposition |
| 2016 | General Accounting Office, Experts Meeting on Immobilization of Low-Activity Radioactive Waste, National Academy of Sciences, May 3-4, 2016 |
| 2015 | National Research Council/National Academy of Sciences, Member of Organizing Committee, <i>The Science of Responding to a Nuclear Reactor Accident: Summary of a Symposium</i> , 2015 (Gilbert W. Beebe Symposium, May 2014) |
| 2014 | National Research Council/National Academy of Sciences, Workshop Organizing Committee on Applying Lessons Learned to Mitigate the Consequences of Nuclear Power Plant Accidents |
| 2014 – present | Board of Advisors, New England Music Camp |
| 2013 – 2015 | National Academies Keck Futures Initiative, Steering Committee on the Future of Advanced Nuclear Technologies: Building a Healthier and Safer Planet |
| 2010 – 2014 | Nuclear and Radiation Studies Board, National Academy of Sciences |
| 2009 | Elected to the American Law Institute |
| 2001 – present | Scholar and Founding Member, Center for Progressive Reform
Board of Directors, from 2008; Treasurer, from 2012 |
| 2003 – 2008 | Association of American Law Schools, Section on Environmental Law, Executive Committee; Chair, 2008 |
| 2004 – 2015 | Indiana Continuing Legal Education Foundation, Board of Directors |
| 2004 – 2009 | Indiana State Bar Ass'n, Professional Legal Education, Admission and Development Section
Secretary-Treasurer, 2006-2008 |
| 2004 – 2006 | National Research Council/National Academy of Sciences, Committee on the Management of Certain Radioactive Waste Streams Stored in Tanks at Three Department of Energy Sites |
| 2000 – 2007 | Board of Directors, Congregation Beth Shalom, Bloomington, Indiana
President, 2003-2005 |

2003 – 2004	Vice-Chair, National Research Council/National Academy of Sciences, Committee on Risk-Based Approaches for Radioactive Waste
1996 – 2004	Executive Committee, Risk, Science, & Law Specialty Group, Society for Risk Analysis Chair, 2001-2003; Membership Vice-Chair, 1996-2001
2001 – 2003	National Research Council/National Academy of Sciences, Committee on Long-Term Institutional Management of DOE Legacy Waste Sites: Phase 2
1994 – 2001	Environmental Management Advisory Board, United States Department of Energy, Washington, D.C. Committees: Long-Term Stewardship (co-chair); 2006 and Accelerated Cleanup (co-chair); Formerly Utilized Sites; Risk
1999 – 2001	Monroe County PCB Task Force, Bloomington, Indiana
1993 – 1998	Chair, Fernald Citizens Advisory Board (Fernald Citizens Task Force) United States Department of Energy, Fernald Environmental Management Project, Fernald, Ohio
1995 – 1998	Vice-Chair, Board of Directors, Hamilton County Environmental Priorities Project, Cincinnati, Ohio
1996 – 1997	Planning Group, National Dialogue on Nuclear Waste Policy, League of Women Voters, Washington, D.C.
1996	Consultant, Reuse of Concrete from Contaminated Structures, Vanderbilt University Department of Civil and Environmental Engineering
1996 – 1998	Health and Environmental Risk Institute, University of Cincinnati
1995 – 2003	Risk Assessment and Policy Association
1989 – 1995	City of Cincinnati Environmental Advisory Council

University Service (in addition to vice presidential duties)

Indiana

Chair, Maurer School of Law Dean Search Committee (2013)
Chair, General Counsel Search Committee (2012)
Arts, Student Events, and Convocation Committee (2006-2007)
Chair, Graduate Working Group, Bloomington Campus Self-Study (2006)
Chancellor's Committee on Lilly Endowment Grant (2003-2004)
Council for Environmental Stewardship (2000-2001)

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Vice Chair of the University Faculty (elected, 1990-1992)
Provost Search Committee (1994-1995)
University Faculty Budget and Priorities Committee (elected, 1990-1995)
Joint Task Force on the University Budget
Chair, Ad Hoc Committee on Discriminatory Harassment

Law School Service

Indiana

As Executive Associate Dean, member *ex officio* of Admissions, Appointments, Clinical & Lecturer Ranks, Educational Policy, Global Programs, Graduate Programs, Promotion & Tenure, Self-Study Committee, and Speakers & Research Committees (2002-2009)
Chair, Ad Hoc Committee on Professionalism in the Curriculum (2006)
Chair, Student Petitions and Appeals Committee (2006)
Chair, Strategic Planning Committee (2004-2005)
Chair, Self-Study Committee (2002-2003, 2008-2010)
Chair, Faculty Research & Development (Speakers) Committee (1999-2002)
Admissions Committee (1998-2006)
Graduate & Joint Degree Programs Committee (1998-1999)

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Chair, Admissions and Financial Aid Committee
Committee on Committees (elected, 4 years)
Reappointment, Promotion, and Tenure Committee (elected, 2 years)
Reaccreditation Self-Study Committee
Advisor, *University of Cincinnati Law Review*
Alumni Board Representative
Appointments, Academic Support Program, Curriculum, Student Petitions, and Legal Research and Writing Committees