

DEAN LUECK

Professor Economics, Affiliated Professor of Law
Faculty Affiliate at the Ostrom Workshop
Indiana University

CONTACT

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EDUCATION

1987, *PhD in Economics*, University of Washington, Seattle, USA
1983, *MS in Environmental Studies*, University of Montana, Missoula, USA
1980, *BA in Biology (Magna Cum Laude)*, Gonzaga University, Spokane, USA

RESEARCH FIELDS

Environmental and Natural Resource Economics, Law & Economics, Economic Organization, Property Rights.

PROFESSIONAL EXPERIENCE

2016-present, *Professor of Economics, Affiliated Professor of Law*, Indiana University, Bloomington, IN
2016-2022, *Founding Director, Program on Governance of Natural Resources at the Ostrom Workshop* Indiana University.
2004-2016, *Professor of Agricultural & Resource Economics, Professor of Economics (courtesy), Professor of Law (courtesy)*, University of Arizona, Tucson, AZ
2004-2010, *Bartley P. Cardon Chair in Agricultural & Resource Economics*, University of Arizona, Tucson, AZ
2002-2003, *Visiting Professor of Law*, University of Virginia School of Law.
1997-2004, *Professor (Associate Professor), Department of Agricultural Economics & Economics*, Montana State University, Bozeman, MT
1995-1997, *Associate (Assistant) Professor, Department of Agricultural & Resource Economics*, North Carolina State University, Raleigh, NC
1994-1995, *John M. Olin Faculty Fellow*, Yale Law School, Yale University, New Haven, CT
1991-1995, *Associate (Assistant) Professor, Department of Economics*, Louisiana State University, Baton Rouge, LA
1988-1991, *Visiting Assistant Professor of Economics*, Brigham Young University, Provo, UT
1987-1988, *Adjunct Instructor, Department of Agricultural Economics & Economics*, Montana State University, Bozeman, MT

AWARDS, FELLOWSHIPS, PROFESSORSHIPS, HONORS

2017, Erickson Lecture on Political Economy given at Lawrence University, February 16, 2017.
2016, Best Research Article from 2016 Western Agricultural Economics Association, "Economic Organization and the Lease-Ownership Decision in Water." Published in *Journal of Agricultural and Resources Economics*.
2015, Julian Simon Fellow, PERC, Bozeman, MT.
2015, Faculty for Workshop on Institutional Analysis RCI Workshop - HongKong2014
2014, Erasmus Mundus Fellowship in Law and Economics, University of Bologna, Italy

2012, Faculty for Workshop on Institutional Analysis RCI Workshop - Santiago Chile
2012, Lone Mountain Fellow, PERC, Bozeman, MT.
2011, Visiting Fellow, Collegio Carlo Alberto, Moncalieri (Torino), Italy.
2011, Senior Lecturer, European School on New Institutional Economics, Cargese, France.
2009-2010, Research Fellow, International Centre for Economic Research, Torino, Italy.
2008, Visiting Professor of Law and Economics, University of Oslo, Oslo, Norway.
2004, Plenary Speaker at the 8th Annual meeting of the International Society for the New Institutional Economics, Tucson, Arizona.
2004, Senior Lecturer, European School on New Institutional Economics, Cargese, France.
2002-2003, Visiting Professor of Law, University of Virginia School of Law.
2003, Distinguished Visiting Professor in Law and Economics, University of Toronto, Faculty of Law.
2000-2002, Visiting Professor of Business and the Environment, Business School, University of Hertfordshire, Hertford, United Kingdom.
2001, Keynote Speaker. Annual General Meeting of the Law and Economics Association of New Zealand, Victoria University of Wellington, Wellington, New Zealand.
2001, Visiting Professor of Economics. Universitat Pompeu Fabra, Barcelona, Spain.
2000, John M. Olin Fellow in Law & Economics, Cornell Law School, Cornell University.
1999, Guest Lecturer. J. Fish and Lillian Smith Endowment for Free Market Economics, Brigham Young University.
1994-1995, John M. Olin Faculty Fellow, Yale Law School, Yale University.
1994, Participant, "Law Institute for Academic Economists," George Mason University Law School.
1992, Best Article for Western Economics Association, "Ownership and Regulation of Wildlife," in the 1991 Volume of *Economic Inquiry*.

PROFESSIONAL SERVICE

2018-present, Director of the Symposium on Natural Resource Governance at the Ostrom Workshop, Indiana University.
2016-2018, Chair, Colloquium Committee, Ostrom Workshop at Indiana University.
2015, Program Committee, annual meetings of the American Law and Economics Association.
2015, Program Committee, annual meetings of the Society for Institutional and Organizational Economics (formerly ISNIE).
2013-2015, Member of the Executive Committee for the Graduate Interdisciplinary Program in Ethics, Economy, and Entrepreneurship, University of Arizona.
2013-2014, Co-Director, LEC-PERC Workshop on Environmental Economics for Law Professors.
2012-2013, Board of Directors, International Society for New Institutional Economics.
2007-2009, Board of Directors, International Society for New Institutional Economics.
2008-2010, Editorial Council, Journal of Agricultural and Resource Economics.
2007-2013, Scientific Advisory Board for the Malpai Borderlands Group, Douglass, Arizona.
2005-2016, Faculty Affiliate, Institute for the Environment, University of Arizona.
1997-2004, Faculty Affiliate, Mountain Research Center, Montana State University.

PROFESSIONAL AFFILIATIONS

American Economic Association, Association of Environmental and Resource Economists, American Law and Economics Association, American Agricultural Economics Association, International Society for New Institutional Economics.

ARTICLES

- "Federal Funding and State Wildlife Conservation." 2022. With Dominic P. Parker. *Land Economics* 98:461-477.
- "Spreading Like Wildfire: Economics and Wildfire Policy offer Useful Lesson for Covid-19 Response." 2020. *Regulation* 43:1-8 (with Jonathan Yoder)
- "Property Rights and Domestication" 2020. *Journal of Institutional Economics* 16:199-215. With Gustavo Torrens.
- "Yoram Barzel and the Economics of Institutions." 2018 *Man and the Economy* 5.
- "The Comparative Governance Approach to Wildlife Management." 2018. *TAMU Law Review* 6: 147-178.
- "The Insight and the Legacy of *The Theory of Share Tenancy*." 2018. *Man and the Economy* 5. With Douglas W. Allen.
- "Property Institutions and the Limits of Coase." 2017. *Journal of Institutional Economics*. 13:793-800.
- "The Curious Case of *Horne v Department of Agriculture*: Good Law, Bad Economics?" 2016. *New York University Journal of Law and Liberty* 10: 608-625.
- "Economic Organization and the Lease-Ownership Decision in Water." 2015. With Kyle Emerick. *Journal of Agricultural and Resources Economics*: 40:347-364. (Winner of 2015 Best Research Article from Western Agricultural Economics Association)
- "A Conversation with Douglass North." 2015 *Annual Review of Resource Economics* 7:1-11. With Douglass North and Gardner Brown.
- "Contracting for Control of Resources." 2015, *Iowa Law Review* 100:2507-2549. With Karen Bradshaw Schultz.
- "The Economic Evolution of Wildfire Suppression Organizations." 2015. *Journal of Forestry* 113:291-297. With Jonathan Yoder.
- "Human Capital Accumulation and the Expansion of Women's Rights." 2012. *Journal of Law and Economics* 55: 839-867. With Rick Geddes and Sharon Tennyson.
- "Large Scale Institutional Changes: Land Demarcation within the British Empire." 2011. *Journal of Law and Economics* 54: S295-S327. With Gary D. Libecap and Trevor O'Grady.
- "The Demarcation of Land and the Role of Coordinating Property Institutions." 2011. *Journal of Political Economy*. 119:426-467. With Gary D. Libecap.
- "Land Demarcation Systems." 2011. *Research Handbook on the Economics of Property Law* (Cheltenham, UK: Edward Elgar). Henry E. Smith and Kenneth Ayotte, eds. With Gary D Libecap.
- "Custom and Incentives in Contracts." 2009. *American Journal of Agricultural Economics*. 91:880-894. With Douglas W. Allen.
- "The Role of Property Rights in Determining the Environmental Quality - Income Relationship." 2009. *Ecological Economics* 68:2511-2524. With Haimanti Bhattacharya.
- "Asymmetric Information and the Structure of Servitude Law." 2009. *Journal of Legal Studies*. 38:89-120. With Antony Dnes.
- "Property Rights and the Environment." 2008. *Arizona Law Review*. 50: 373-377. With Kirsten Engel.
- "Economics of Property Law." 2008. (In *The New Palgrave Dictionary of Economics*, 2nd ed. Steven Durlauf and Lawrence Blume).
- "Property Law." 2007. *Handbook of Law and Economics*. A. Mitchell Polinsky and Steven Shavell, eds.) With Thomas Miceli.
- "Forest Management under the Endangered Species Act." 2006. *Explorations in Environmental and Natural Resource Economics: Essays in Honor of Gardner M. Brown*, D. Layton, and R. Halverson, eds. Edward Elgar Publishing Ltd. With Jeffrey A. Michael.
- "Agricultural Contracts." In Claude Menard and Mary M. Shirley, eds. 2004. *Handbook of the New Institutional Economics* (Norwell MA: Kluwer Academic Publishers). With Douglas W. Allen.
- "Preemptive Habitat Destruction under the Endangered Species Act." 2003. *Journal of Law & Economics* 46:27-60. With Jeffrey A. Michael.
- "Natural Resource Exploitation Under Common Property Rights." 2003. *Natural Resource Modeling* 16:1-29. With Michael R. Caputo.
- "The Gains from Self Ownership and the Expansion of Women's Rights." 2002. *American Economic Review* 92:1079-1092. With Rick Geddes.
- "The Extermination and Conservation of the American Bison." 2002. *Journal of Legal Studies* 31:S609-S652.

- "A Transaction Cost Primer on Farm Organization." 2001. *Canadian Journal of Agricultural Economics* 48: 643-652. With Douglas W. Allen.
- "A Hotelling-Faustmann Explanation of the Structure of Christmas Tree Pricing." 2001. *American Journal of Agricultural Economics* 83:513-525. With Tomislav Vukina and Christiana E. Hilmer.
- "Searching for Ratchet Effects in Agricultural Contracts." 1999. *Journal of Agricultural and Resource Economics* 24: 536-552. With Douglas W. Allen.
- "The Role of Risk in Contract Choice." 1999. *Journal of Law, Economics & Organization* 15: 704-736. With Douglas W. Allen.
- "The Nature of the Farm." 1998. *Journal of Law and Economics* 41: 343-386. With Douglas W. Allen. [Summarized in *Economic Intuition: Executive Summaries of Leading Research in Management, Finance, and Economics (1999)*.]
- "Auctions, Markets, and Spectrum Ownership: A Comment on Spiller and Moreton." 1998. *Journal of Law and Economics* 41: 717-726.
- "First Possession." in Peter Newman, ed. 1998. *The New Palgrave Dictionary of Economics and the Law*, Macmillan Press, 2: 132-144.
- "Wildlife Law." in Peter Newman, ed. 1998. *The New Palgrave Dictionary of Economics and the Law*, Macmillan Press, 3: 696-701.
- "Why Do Family Farms Still Dominate Agriculture?" 1997. *Review of Economic Development* 15-38. With Douglas W. Allen.
- "An Economic Analysis of Unitized and Non-Unitized Reservoirs." 1996. in *Proceedings of the 1996 Society of Petroleum Engineers Annual Technical Conference*. 67-76. With Philip Schenewerk.
- "The Rule of First Possession and the Design of the Law." 1995. *Journal of Law and Economics* 38: 393-436.
- "Property Rights and the Economic Logic of Wildlife Institutions." 1995. *Natural Resources Journal* 35: 625-670.
- "Risk Preferences and the Economics of Contracts." 1995. *American Economic Review (Papers and Proceedings)* 85: 447-451. With Douglas W. Allen.
- "Market and Regulatory Forces in the Pricing of Legal Services." 1995. *Journal of Regulatory Economics* 7: 63-83. With Reed Olsen and Michael Ransom.
- "Modeling Common Property Ownership as a Dynamic Contract." 1994. *Natural Resources Modeling* 8: 225-245. With Michael R. Caputo.
- "Common Property as an Egalitarian Share Contract." 1994. *Journal of Economic Behavior and Organization* 25: 93-108.
- "Transaction Costs and the Design of Cropshare Contracts." 1993. *RAND Journal of Economics* 24: 78-100. With Douglas W. Allen.
- "Land Tenure and Agricultural Productivity on Indian Reservations." 1992. *Journal of Law and Economics* 35: 427-454. With Terry L. Anderson.
- "Contract Choice in Modern Agriculture: Cash Rent vs. Cropshare." 1992. *Journal of Law and Economics* 35: 397-426. With Douglas W. Allen.
- "The Back Forty on a Handshake: Reputation, Specific Assets, and the Structure of Farmland Contracts." 1992. *Journal of Law, Economics, and Organization* 8: 366-376. With Douglas W. Allen. [Reprinted in Bruce Ackerman, Robert C. Ellickson, and Carol M. Rose, eds. *Fundamentals of Property Law* Little, Brown (1995).]
- "Why Do States Regulate Admission to the Bar? Theories and Empirical Evidence." 1991. *George Mason Law Review* 14: 253-86. With Reed Olsen and Michael Ransom. [Reprinted in Sidney A. Shapiro and Joe Tomain, *Regulatory Law and Policy*, 2nd edition, Michie Company (1998).]
- "Ownership and the Regulation of Wildlife." 1991. *Economic Inquiry* 29: 249-260.
- "The Economic Nature of Wildlife Law." 1989. *Journal of Legal Studies* 18: 291-324.

WORKING PAPERS

- “The Legacy of Mexican Land and Water in California,” June 2022. with Julio Ramos Pastrano. (Revisions requested at the *Journal of Law and Economics*).
- “Interest Groups, Partisan Politics, and Environmental Polarization” June 2022. With Gustavo Torrens and Julio Ramos. (Revision requested at the *Journal of Law, Economics & Organization*).
- “The Origin and Extent of Environmental Agencies.” March 2021. With Dominic Parker. (Revision requested at the *Journal of the Association of Environmental and Resource Economics*).
- The Domestication of Wild Animals and the Development of Property Institutions. March 2020. With Gustavo Torrens.
- Legal Rules, Economic Selection and the Conservation of Wildlife. May 2020. With Gustavo Torrens.

WORK IN PROGRESS

- “A Theoretical Analysis of Interest Groups and Party Polarization.” October 2022. With Julio Ramos and Gustavo Torrens.
- “Organization and Bureaucracy” Jan 2018. With Dominic Parker.
- “Economics of Wildfire Management.” October 2016. With Jonathan Yoder.

BOOKS

- Wildfire Policy: Law and Economics Perspectives*. 2012. (Resources for the Future Press. Co-edited with Karen Bradshaw.
- The Nature of the Farm: Contracts, Risk and Organization in Agriculture*. MIT Press (2003). With Douglas W. Allen.

BOOK CHAPTERS

- “Land Demarcation in Ancient Rome.” 2020. in *Roman Law and Economics: Volume II: Exchange, Ownership, and Disputes* Giuseppe Dari-Mattiacci and Dennis P. Kehoe, eds. Oxford University Press. (with Gary D. Libecap).
- “The Organization of Vineyards and Wineries.” 2019. in *The Palgrave Handbook of Wine Industry Economics*, Eds. Adeline Alonso Ugaglia, Luis Miguel Albisu, Jean-Marie Cardebat, Alessandro Corsi, Simonetta Mazzarino, and Chema Gil. With Douglas W. Allen.
- “Economic Organization and Wildfire Suppression.” in *Wildfire Policy: Law and Economics Perspectives*. 2012. (Resources for the Future Press. Co-edited with Karen Bradshaw.
- “Wildlife in American: Sustainability and Management.” 2008. (in *Resource Sustainability in America*, 2nd ed. Roger Sedjo).
- “Forest management under the Endangered Species Act.” 2006. In Robert Halvorson, Gardner Brown, and David Layton, eds. *Explorations in Environmental and Natural Resource* (Edward Elgar Press.) With Jeffrey A. Michael.
- “First Possession as the Basis of Property.” In Terry L. Anderson and Fred S. McChesney, eds. *Property Rights: Contract, Conflict and Law*, Princeton University Press (2003), chapter 8, pp. 200-226.
- “The Law and Politics of Federal Wildlife Preservation.” in Terry L. Anderson, ed. *Political Environmentalism*, Hoover Institution Press: Stanford, CA (2000).
- “Federalism and Wildlife Conservation in the West.” in Terry L. Anderson and Peter J. Hill, eds. *Environmental Federalism in the West*, Rowman & Littlefield Press (1997): 89-131. With Jonathan Yoder.
- “The Transaction Cost Approach to Agricultural Contracts.” in David Martimort, ed. *Agricultural Markets: Mechanisms, Failures, Regulations*, North-Holland Press (1996): 31-64. With Douglas W. Allen.
- “The Economic Organization of Wildlife Institutions.” in Terry L. Anderson and Peter J. Hill, eds. *Wildlife in the Market Place*, Rowman & Littlefield Press (1995): 1-24.
- “Contracting into the Commons.” in Terry L. Anderson and Randy Simmons, eds. *The Political Economy of Custom and Culture*, Rowman & Littlefield Press (1993): 43-60.
- “Agricultural Development and Land Tenure on Indian Country.” in Terry L. Anderson, ed. *Property Rights and Indian Economies*, Rowman & Littlefield Press (1992): 147-166. With Terry L. Anderson.

BOOK REVIEWS

- Review of “The Evolution of a Nation: How Geography and Law Shaped the American States by Daniel Berkowitz and Karen B. Clay,” *Journal of Economic History*. Vol. 72, No. 3 (September 2012):839-41.

- Review of Lee J. Alson, Gary D. Libecap, and Bernardo Mueller, *Titles, Conflict, and Land Use: The Development of Property Rights and Land Reform on the Brazilian Amazon Frontier* in the *Journal of Economic Literature* Vol. 39, No.2 (June 2000):617-619.
- Review of Kyle D. Kauffman, editor. *New Frontiers in Agricultural History: Advances in Agricultural Economic History* in the *Journal of Economic History* Vol. 60, No.3 (September 2000):917-918.
- Review of Don E. Carlton, *A Breed So Rare: The Life of J.R. Parten, Liberal Texas Oil Man, 1896-1992* in the *Journal of Economic History* Vol. 59 No. 3 (October 1999):828-829.
- Review of Louis S. Warren, *The Hunter's Game: Poachers and Conservationists in Twentieth-Century America* in the *Journal of Economic History* Vol. 58 No. 4 (December 1998): 1170-1171.
- Review of Thomas S. Morris, *Southern Slavery and the Law, 1619-1860* in the *Journal of Economic History* (December 1997): 969-970.
- Review of Glenn G. Stevenson, *Common Property Economics* in the *Journal of Economic Literature* Vol. 31 No. 1 (March 1993): 283-285.
- Review of Elinor Ostrom, *Governing the Commons in Constitutional Political Economy* Vol. 3 No. 2 (Spring/Summer 1992): 279-282.

GRANTS

- 2018-2022, "Institutions and Natural Resource Governance." \$60,000 annually. Searle Freedom Trust.
- 2013, "The Economic Structure of Water Market Transactions." \$15,000. Earhart Foundation Fellowship Research Grant.
- 2008-2010, Extension "Lowering Transaction Costs through Institutional Arrangements: The Causes and Consequences of the Rectangular Survey in Assigning Property Rights to Land." \$158,000. National Science Foundation
- 2008, PERC Lone Mountain Fellowship. "The Economics of Domestication." \$8,000.
- 2006-2008, "Lowering Transaction Costs through Institutional Arrangements: The Causes and Consequences of the Rectangular Survey in Assigning Property Rights to Land." \$208,000. National Science Foundation.
- 2002-2003, "The Organization and Behavior of Bureaucracy: An Empirical Analysis of State Wildlife Agencies." \$15,000. Earhart Foundation Fellowship Research Grant.
- 2000-2001, "The Economics of Conservation Easements." \$12,000. Maytag Foundation grant.
- 2000-2001, "The Economics of Wildlife Regulation and Game Department Behavior." \$20,000. D and D Foundation research grant.
- 1998-1999, "Petroleum Conservation in Montana, North Dakota, and Wyoming: A Study of Oil Field Unitization Agreements." \$2,000. Political Economy Research Center research grant for master's thesis research.
- 1998-1999, "The Effect of the Endangered Species Act on the Management of Private Forests." \$15,000. Earhart Foundation Fellowship Research Grant.
- 1997-1998, "The Effect of Listing the Red-Cockaded Woodpecker as an Endangered Species on the Management of North Carolina Forests." \$8,000. College of Agriculture and Life Sciences, North Carolina State University.
- 1995-1998, "Transaction Costs and Agricultural Contracts." \$103,049. National Science Foundation Research Grant.
- 1995, "Transaction Costs in Agriculture." \$5,000. Center for Research on Contracts and the Structure of Enterprise, Katz Business School, University of Pittsburgh.
- 1993-1994, "A Study of Conservation Regulation: Reservoir-Wide Unitization and Large Tract Leasing of Oil and Gas in Louisiana." \$19,470. Resources for the Future Small Grant Award.
- 1993, "Wildlife Trade and the Protection of Wild Populations." \$12,000. Earhart Foundation Fellowship Research Grant.
- 1993, "Farmland Leasing and Ownership in Louisiana." \$6,000. LSU College of Business Administration Summer Research Grant.
- 1993, "Farmland Leasing and Ownership in Louisiana." \$500. LSU Real Estate Research Institute.
- 1993, "Agricultural Contracts." \$30,000. The Social Science and Humanities Research Council of Canada (with Douglas W. Allen).
- 1992, "The Economics of Landowner-Farmer Contracts in Modern Agriculture." \$6,000. LSU Council on Research Summer Faculty Research Award.
- 1989-1990, "The Economics of Share Contracts." \$3,750. BYU Summer Research Grant.

PROFESSIONAL REFEREE

American Economic Review, American Journal of Agricultural Economics, American Law and Economics Review, Canada Council for the Arts, Economic Inquiry, Encyclopedia of Law and Economics, Environment and Organization, European Economic Review, Handbook of the New Institutional Economics, Journal of Agricultural and Resource Economics., Journal of Economic Behavior and Organization, Journal of Economic History, Journal of Environmental Economics and Management, Journal of Labor Economics, Journal of Law and Economics, Journal of Law, Economics, & Organization, Journal of Legal Analysis, Journal of Political Economy, Journal of Policy Analysis and Management, Journal of Regulatory Economics, Land Economics, MIT Press, National Science Foundation, Natural Resources Journal, Quarterly Journal of Economics, Quarterly Journal of Economics and Business, RAND Journal of Economics, Social Science and Humanities Research Council of Canada, University of Chicago Press.

PUBLIC OUTREACH & PROFESSIONAL SERVICE

Organizer, Session on Institutions and Organization, Annual meeting of the Society for Institutional and Organizational Economics, New York. June 22-25, 2017.

Organizer, Symposium on Natural Resource Governance, held at the Ostrom Workshop, Indiana University October 7-8, 2016

Guest Lecture, "Wildfire Suppression: Economics, History and Policy," Annual Scientific Meetings of the Malpai Borderlands Group, January 9, 2013.

Board of Directors, International Society for New Institutional Economics. June 2012 - present.

Co-Organizer, Symposium on "Wildfire: Economics, Law and Policy," University of Arizona, forthcoming November 12-13, 2010.

Guest Lecture, "Economic Incentives under the ESA," University of Arizona Environmental Summit, April 22, 2009.

Co-Organizer, Symposium on "Property in Environmental Assets: Economic and Legal Implications," University of Arizona, October 26, 2007.

Board of Directors, International Society for New Institutional Economics. June 2007 - 2010.

Editorial Council, *Journal of Agricultural and Resource Economics*, 2006-2009.

Program Committee Chair for the 2006 annual meeting of the International Society for New Institutional Economics.

Introduction for Gary D. Libecap's presidential address to the Western Economics Association annual meetings, San Diego, California. July 1, 2006.

Member of the Scientific Advisory Committee for the Malpai Borderlands Group, Douglas, Arizona. October 2005 - present.

Co-Organizer (with George Frisvold and Russ Tronstad) of the 2005 University of Arizona Ag Business Forum, "Urbanization and Agriculture," Tempe, Arizona. February 2005.

Co-Organizer (with Jon Cannon), Olin Conference on Watershed Management, University of Virginia, School of Law, March 2003.

Moderator, Panel on "Federal Wildfire Policy for Public Lands," Conference on Public Interest and the Law, University of Virginia, School of Law, March 2003.

Lecture on "Bison Conservation" to the Environmental Law Forum, University of Virginia, School of Law, November 2002.

Program organizer for the M.L. Wilson Distinguished Lecture at Montana State University, 1997-2002.

Member of the Nominating Committee (Robert T. Deacon, Chair) for the Western Economic Association, 2002.

Team Leader for "Changing Values, Changing Times" project on wildlife management sponsored by FWP and USFS. (1: participated in planning meeting in Missoula, January 15, 2002. 2: led discussion on "Markets and Natural Resources" in Bozeman, May 30, 2002).

Guest speaker, Montana Natural Resource Leadership Institute, March 15, 2002. Helena, MT. "Markets and Natural Resources." Sponsored by the Montana Consensus Council.

Faculty host for Markus Brem, an economics Ph.D. student from Humboldt University in Berlin, Germany, Fall 2001.

Member of the Association of Environmental and Resource Economics Site Selection Committee (Charles Howe, Chair) for 2nd World Congress of Resource and Environmental Economists. 2000.

"The Efficacy of the Endangered Species Act." Debate with Professor Jeffrey Rachlinski, Law School, Cornell University, Ithaca, NY, April 2000.

Lecture on “The Economics of Wildlife Management” in a graduate course (FW 520) in *Wildlife Management*. Montana State University, Fall 2000.

PERC summer lecture to undergraduates on: “The Law and Economics of Wildlife Management,” July 1999.

Lecture to Stanford Law students: “The Law and Economics of Wildlife Management,” April 1999.

Lecture to BYU undergraduates: “The Law and Economics of Wildlife Management,” March 1999.

Guest lectures: “The Economics of Wildlife Law” in an Environmental Law course and “The Economic Approach to Conservation” in a Conservation Biology course at North Carolina State University (April 1997).

Scientific Advisory Panel for the Center for Environmental Education Research. Served as an expert on the economics of wildlife for *Facts, Not Fear: A Parent’s Guide to Teaching Children About the Environment* by Michael Sanera and Jane S. Shaw published by Regnery Press, 1996.

Lecture on “The Economics of Farm Organization” in a course titled *Ownership and Control of Enterprise*, Yale Law School, Fall 1994.

CONFERENCES

American Law and Economics Association annual meetings, May 2021. (online)

Society for Institutional and Organizational Economics, annual meetings, June 2021. (online)

European Law and Economics Association annual meetings, Tel Aviv, Israel, September 18-20, 2019.

Celebrating Commons Scholarship, Georgetown Law Center, Washington, DC, October 5-6, 2018.

European Law and Economics Association annual meetings, Milan, Italy September 20-22, 2018.

World Congress of Environmental and Resource Economists, Gothenburg, Sweden, June 25-29, 2018.

American Law and Economics Association annual meetings, Boston, Massachusetts, May 11-13, 2018.

Conference on Environmental Policy, Texas A & M Law School, Fort Worth, Texas, March 9-10, 2018.

50th Anniversary of *The Theory of Share Tenancy*, Shenzhen, China, November 25-27, 2017.

Law of Property in Ecology Workshop, Case Western Reserve University School of Law, November 10-11, 2017, Cleveland, Ohio.

Workshop for Law Professors on Elinor Ostrom and the Spontaneous Order Tradition. Law and Economics Center at Scalia Law School, George Mason University, October 26-28, 2017, Arlington, Virginia.

Symposium on Land, Resources, and Environmental Agencies, Notre Dame Law School, University of Notre Dame., October 23, 2017, South Bend, Indiana.

Society for Institutional and Organizational Economics, Columbia University, June 22-25, 2017, New York.

Society for Environmental Law and Economics, Oxford University May 26-27, 2017, Oxford, UK.

Empirical Legal Studies Workshop, University of Amsterdam, May 18, 2017, Amsterdam, The Netherlands.

The Arctic Interchange, University of Alaska, May 9-11, 2017, Fairbanks, Alaska.

Wildlife Economy Workshop March 15-17, 2017, Pretoria, South Africa.

Symposium on Natural Resource Governance, The Ostrom Workshop at Indiana University, Bloomington, Indiana, October 7-8, 2016.

Annual meetings of the International Society for New Institutional Economics, Cambridge, Mass. June 21-23. 2015.

Workshop on Institutional Analysis sponsored by the Ronald Coase Institute, University of Hong Kong, Hong Kong, China. May 10-15, 2015.

International Workshop on Economic Analysis of Institutions. Xiamen University, Xiamen China. May 16-17, 2015.

Annual meetings of the American Law and Economics Association, Chicago. May 2014.

Annual meetings of the International Society for New Institutional Economics, Duke University. June 2014.

Wildland Fire Litigation Conference, Monterey, California, April 25-27, 2014.

LEC-PERC Workshop on the Law and Economics of Environmental Federalism, Case Western Reserve University School of Law, October 17-20, 2013.

Workshop on the Institutions of Property Rights, Free University of Bolzano, Bolzano Italy, September 12, 2013

German Law and Economic Association annual meetings, September 13-14, 2013/

National Bureau of Economic Research. Law and Economics Program Meeting, Cambridge, Massachusetts, February 28-March 1, 2013.

Annual Scientific Meetings of the Malpai Borderlands Group, Douglas, Arizona, January 9, 2013.

Ronald Coase Institute, Workshop on Economic Institutions, Santiago, Chile, December 9-15, 2013.

"Tackling the Global Fisheries Challenge" PERC, Bozeman, Montana, November 14-15, 2012.

"Arizona Energy and Environmental Policy Conference" organized by University of Arizona Department of Economics and Institute for the Environment. Tucson, Arizona, May 15-16, 2012.

PERC Conference on "The Political Economy of Environmental Collapse" Clemson, South Carolina, April 12-15, 2012

"Contracts, Procurement and Public-Private Agreements." conference organized by IAE Paris - University of Paris I Pantheon-Sorbonne. May 30-31, 2011.

"The Role of Property Rights and Institutions in North American Indian Economies." conference organized by the "Property and Environment Research Center, August 8-10, 2010, Bozeman, Montana.

"Law and Economics of Climate Change." University of Pennsylvania Law School, October 2009, Philadelphia, Pennsylvania.

"The Law and Economics of Intellectual Property." Boston University Law School, April 2009, Boston, Massachusetts.

"The Roundtable on Solomon's Knot: How Can Law End the Poverty of Nations." Searle Center on Law, Regulation and Economic Growth, Northwestern University Law School, December 10-11, 2008. Chicago, Illinois.

"The Law and Economics of Innovation Roundtable." Searle Center on Law, Regulation and Economic Growth, Northwestern University Law School, Jan 31- Feb 1, 2008. Chicago, Illinois.

"Property in Environmental Assets: Economics and Legal Implications." Symposium sponsored by the Program on Economics, Law and the Environment, University of Arizona. October 26, 2007. Tucson, Arizona.

"9th Occasional Meetings on Environmental and Resource Economics." University of California, Santa Barbara, November 3-4, 2006.

"The Economics of Recreational Fisheries Management." conference organized by the Property and Environment Research Center, October 4-6, 2006, Emigrant, Montana.

"Frontiers in Natural Resource and Environmental Economics." conference on Honor of Gardner M. Brown, Department of Economics, University of Washington, April 2003.

"John M. Olin. Conference on Watershed Management." University of Virginia School of Law, March 2003.

"Federal Wildfire Policy for the Public Lands." Conference on Public Service and the Law, University of Virginia School of Law, March 2003.

"The Law and Economics of Contracts and Festschrift to the Work of Charles J. Goetz and Robert E. Scott." Olin Conference on Law and Economics, University of Virginia School of Law, September 2002.

"The Economics of Fisheries Regulation." Conference sponsored by the Political Economy Research Center, March 2002.

"The Barzel Conference: In Honor of Yoram Barzel's 70th Birthday." University of Washington, Seattle, WA, December 16, 2001.

"The Evolution of Property Rights." Northwestern University Law School, Chicago, April 20-22, 2001.

"A Critique of Free Market Environmentalism." Conference held at Big Sky, MT, April 1-3, 2001.

Conference: "The Economics of Contracting in Agriculture." Canadian Society of Agricultural Economists, Saskatoon, SK, Canada, December 8-9, 2000.

Workshop on "Effectiveness of Resource and Environmental Regulation." Association of Environmental and Resource Economists. La Jolla, CA. June 11-13, 2000.

Workshop on "Contracting in Agriculture," USDA Economic Research Service. Washington, D.C. May 23-24, 2000.

Conference on the Law and Economics of Property Rights, Hoover Institution, Stanford, CA. May 15-16, 2000.

"The Technology of Property Rights." Conference sponsored by the Political Economy Research Center, December 2-4, 1999.

"12th Annual Western Conference, Advanced Workshop in Regulation and Competition: Meeting the Competitive Challenge in Network Industries." Center for Research in Regulated Industries, San Diego, July 6-7, 1999.

"Northeast Universities Development Consortium" 1998 Annual Conference, Yale University, October 16-17, 1998.

"The Common Law and the Environment." Conference sponsored by the Political Economy Research Center, October 1-4, 1998.

"World Congress of Environmental and Resource Economists." Venice, ITALY, June 25-27, 1998.

"Protecting Endangered Species: Alternatives to Legislation." Fraser Institute, Vancouver, BC, Canada. April 15, 1998.

"Inaugural Conference for the International Society for New Institutional Economics." Washington University, St. Louis, September 19-21, 1997.

"Research Transformations in Environmental Economics: Policy Design in Response to Global Change." Center for Environmental and Resource Economics and NOAA, Duke University, May 5-6, 1997.

"Camp Resources IV." Triangle Resource and Environmental Economists. Wilmington, NC. August 20-21, 1996.

"The Law and Economics of Property Rights to the Radio Spectrum." Tomales Bay, CA. July 27-29, 1996.

"Environmental Federalism in the West." Conference sponsored by the Political Economy Research Center, June 13-16, 1996.

"Industrial Organization and the Food-Processing Industry." Institut d'Economie Industrielle, University of Toulouse, France, March 28-29, 1996.

"Institutions and Economic Performance in the Past." Institute of Economics, University of Copenhagen, September 29-30, 1995.

"Camp Resources III." Triangle Resource and Environmental Economists. Wilmington, NC. August 18-19, 1995.

"EcoRealism: Toward the Next Generation of Environmental Policy." Yale Law School, New Haven, CT. April 8, 1995

"Social Benefits of Education: Can They Be Measured?" United States Department of Education, Washington, D.C. January 3-4, 1995.

"Agricultural Markets: Mechanisms, Failures, Regulations" Institut d'Economie Industrielle, University of Toulouse, France, October 21-23, 1993.

"Wildlife in the Marketplace." Conference Sponsored by the Political Economy Research Center, June 1993.

"The Political Economy of the American West." Conference Sponsored by the Political Economy Research Center, June 1992.

"The Political Economy of Customs and Culture: Informal Solutions to the Commons Problem." Conference sponsored by the Political Economy Research Center, June 1991.

"Constitutions, Property Rights, and Indian Economies." Conference sponsored by the M.J. Murdock Charitable Trust, June 1989.

PROFESSIONAL PRESENTATIONS

2022

The Legacy of Mexican Land and Water in California, Law and Economics Workshop Notre Dame University

The Domestication of Wild Animals and the Origins of Property Institutions, Hillsdale College, Hillsdale, MI.

The Legacy of Mexican Land and Water in California, Department of Economics, Hope College. Holland, MI.

Interest Groups, Partisan Politics, and Environmental Polarization, Society for Institutional and Organizational Economics, annual meetings, University of Toronto, Toronto, Ontario, Canada.

2021

Legal Rules, Economic Selection, and the Conservation of Wildlife. Annual meetings of the American Law and Economics Association.

Legal Rules, Economic Selection, and the Conservation of Wildlife. Annual meetings of the Society for Environmental Law and Economics.

Legal Rules, Economic Selection, and the Conservation of Wildlife, Conference on Empirical Animal Law, Northwestern University School of Law.

2020

The Demarcation of Land. Ronald Coase Institute Seminar online with Gary D. Libecap.

The Domestication of Wild Animals under Economic Selection and the Development of Property Institutions. Law and Economics Workshop University of Chicago.

2019

Agency Organization and Funding in the Service of Wildlife Conservation. Property and Environment Research Center, Bozeman MT.

Property Rights and Domestication, European Law and Economics Association annual meetings, Tel Aviv Israel.

Legal Rules, Economic Selection and Wildlife Conservation. Property and Environment Research Center, Bozeman MT.

Property Rights and Domestication. Society for Institutional and Organizational Economics annual meetings, Stockholm School of Economics, Stockholm, Sweden.

Property Rights and Domestication. Ostrom Workshop, Indiana University.

The Origin and Extent of Environmental Agencies. Purdue University.

The Origin and Extent of Environmental Agencies. University of Utah.

2018

Celebrating Commons Scholarship, Georgetown Law Center, Washington DC.

European Law and Economics Association annual meetings, Milan, Italy.

World Congress of Environmental and Resource Economists, Gothenburg Sweden.

American Law and Economics Association annual meetings, Boston.

Conference on Environmental Policy, Texas A & M Law School, Fort Worth Texas.

Department of Economics, University of Texas at Arlington.

2017

50th Anniversary of *The Theory of Share Tenancy*, Shenzhen, China.

Law of Property in Ecology Workshop, Case Western Reserve University School of Law.

Workshop for Law Professors on Elinor Ostrom and the Spontaneous Order Tradition. Law and Economics Center at Scalia Law School, George Mason University.

Symposium on Land, Resources, and Environmental Agencies, Notre Dame Law School, University of Notre Dame.

Society for Institutional and Organizational Economics, Columbia University, New York.

Society for Environmental Law and Economics, Oxford University, Oxford, UK.

Empirical Legal Studies Workshop, University of Amsterdam, Amsterdam, The Netherlands.

The Arctic Interchange, University of Alaska, Fairbanks, Alaska.

Wildlife Economy Workshop, Pretoria, South Africa.

SELE Cambridge The Evolution and Organization of Environmental Agencies.

University of Amsterdam, Faculty of Law, The Evolution and Organization of Environmental Agencies.

The Arctic Interchange, University of Alaska, "The Comparative Institutions Approach to Wildlife Management, Fairbanks, Alaska.

Department of Agricultural and Consumer Economics, University of Illinois, "The Evolution and Organization of Environmental Agencies.

Wildlife Economy Workshop, "The Comparative Institutions Approach to Wildlife Management." Pretoria, South Africa

2016

University of Oslo Faculty of Law, "The Organization and Evolution of Environmental Agencies."

Searle Center on Law, Regulation, and Economic Growth, School of Law, Northwestern University, "The Organization and Evolution of Environmental Agencies."

Kelly School of Business Dec

2015

Department of Economics, University of Pittsburgh. "A Legacy of History: 19th Century Land Demarcation and Agriculture in California."

University of Hong Kong, Hong Kong, China. "Coasean Research on the Legal & Economic Institutions of Property Rights."

Workshop on Institutional Analysis sponsored by the Ronald Coase Institute, University of Hong Kong, Hong Kong, China. "Economic Institutions and the Natural Environment." May 10-15, 2015.

International Workshop on Economic Analysis of Institutions. Xiamen University, Xiamen China. "A Legacy of History: 19th Century Land Demarcation and Agriculture in California." May 16-17, 2015.

Annual meetings of the International Society for New Institutional Economics, Cambridge, Mass. June 21-23, 2015. "The Effect of Checkerboard Land Patterns on Land Markets."

Property and Environment Research Center, Bozeman, MT. "The Organization and Evolution of Environmental Agencies." Ostrom Workshop, Indiana University. "The Organization and Evolution of Environmental Agencies."

Department of Economics, Indiana University. "A Legacy of History: 19th Century Land Demarcation and Agriculture in California."

Department of Economics and Statistics, University of Torino (Italy). Oct 28, 2015 "The Organization and Evolution of Environmental Agencies."

2014

Wildland Fire Litigation Conference, "The Economic Evolution of Wildfire Suppression" Monterey, California, April 25-27, 2014.

Annual meetings of the American Law and Economics Association, Chicago. "Land Demarcation and the Great Roman Network."

Annual meetings of the International Society for New Institutional Economics, Duke University. "Land Demarcation and the Great Roman Network."

"Land Demarcation: Law and Economic Perspective on Property", Erasmus Mundus Lecture in Law and Economics, University of Bologna, Bologna, Italy.

2013

University of Southern California School of Law. "Land Demarcation and the Great Network of Ancient Rome."

University of Wisconsin. "Land Demarcation and the Great Network of Ancient Rome."

Workshop on the Institutions of Property Rights, Free University of Bolzano, Bolzano Italy, "Economic Organization and Wildfire Suppression."

German Law and Economic Association annual meetings, "Land Demarcation and the Great Network of Ancient Rome" and "Economic Organization and Wildfire Suppression."

Clemson University. "A Legacy of History: 19th Century Land Demarcation and Agriculture in California."

2012

Workshop on Institutional Analysis sponsored by the Ronald Coase Institute, Diego Portales University, Santiago Chile. "Economic Institutions and the Natural Environment"

Conference on Arizona Energy and Environmental Policy, University of Arizona. "Economic Organization and the Lease - Ownership Decision in Water."

University of Virginia School of Law. "A Legacy of History: 19th Century Land Demarcation and Agriculture California."

PERC Conference on "The Political Economy of Environmental Collapse" Clemson, SC. "The Collapse of the Bison-Hunting Societies on the Great Plains."

2011

Collegio Carlo Alberto, Moncalieri, Italy. "The Demarcation of Land and the Role of Coordinating Property Institutions."

University of Illinois School of Law. "The Demarcation of Land and the Role of Coordinating Property Institutions."

George Mason University Law School. "The Demarcation of Land and the Role of Coordinating Property Institutions."

University of Bologna Italy. "The Demarcation of Land and the Role of Coordinating Property Institutions."

University of Paris I Pantheon-Sorbonne, France. "The Demarcation of Land and the Role of Coordinating Property Institutions."

Universitat Pompeu Fabra, Barcelona, Spain. "The Demarcation of Land and the Role of Coordinating Property Institutions."

CUNEF, Madrid, Spain. "The Demarcation of Land and the Role of Coordinating Property Institutions."

Conference on Contracts, Procurement and Public-Private Agreements Paris, France. "Economic Organization and the Lease - Ownership Decision in Water."

2010

Symposium on Wildfire: Economics, Law and Policy at the University of Arizona. "The Economic Organization of Wildfire Suppression."

Resources for the Future. "The Demarcation of Land and the Role of Coordinating Institutions."

Montana State University. "The Demarcation of Land and the Role of Coordinating Institutions."

Washington State University. "The Demarcation of Land and the Role of Coordinating Institutions."

Annual meetings of the American Law and Economics Association, Princeton University. "Economic Organization and the Lease - Ownership Decision in Water."

Annual meetings of the International Society for new Institutional Economics, Sterling University, Scotland. "Economic Organization and the Lease - Ownership Decision in Water."

University of Siena, Italy. "The Demarcation of Land and the Role of Coordinating Institutions."

2009

Haas School of Business University of California - Berkeley. "The Demarcation of Land."

University of Arizona. "The Demarcation of Land and the Role of Coordinating Institutions."

Boston University School of Law. "Possession Rules in Property - Implications for IP."

Conference on Empirical Legal Studies, USC Law School, Los Angeles. "The Demarcation of Land and the Role of Coordinating Institutions."

Australian National University, Canberra, Australia. "The Demarcation of Land and the Role of Coordinating Institutions."

Monash University, Melbourne, Australia. "The Demarcation of Land and the Role of Coordinating Institutions."

2008

Annual meetings of the American Economic Association, New Orleans. "The Demarcation of Land."

University of Hawaii. "The Demarcation of Land."

Annual meetings of the American Law and Economics Association, New York. "The Demarcation of Land."

Annual meetings of the International Society for New Institutional Economics, Toronto. "The Demarcation of Land."

University of Chicago School of Law. "The Demarcation of Land."

Harvard Law School. "The Demarcation of Land."

Northwestern University School of Law. "The Demarcation of Land."

Cornell Law School. "The Demarcation of Land."

2007

Workshop on Law, Economics, and Organization, Yale University. "The Rectangular Survey versus Metes and Bounds: Systematic and Unsystematic Land Demarcation."

Annual meetings of the European Association of Law and Economics, Copenhagen, Denmark. "The Rectangular Survey versus Metes and Bounds: Systematic and Unsystematic Land Demarcation." and "The Effects of the Expansion of Women's Rights."

Annual meetings of the International Society for the New Institutional Economics, Reykjavik, Iceland. "The Rectangular Survey versus Metes and Bounds: Systematic and Unsystematic Land Demarcation." and "The Effects of the Expansion of Women's Rights."

2006

Annual meetings of the International Society for the New Institutional Economics, Boulder, Colorado. "The Organization and Behavior of Bureaucracy: The Case of the Wildlife Agency."

Annual meetings of the Western Economic Association, San Diego. "The Organization and Behavior of Bureaucracy: The Case of the Wildlife Agency."

Cornell University. "The Organization and Behavior of Bureaucracy: The Case of the Wildlife Agency."

2005

University of California - Santa Barbara. "The Organization and Behavior of Bureaucracy: The Case of the Wildlife Agency."

Annual meetings of the American Agricultural Economics Association, Providence, Rhode Island. "The Organization and Behavior of Bureaucracy: The Case of the Wildlife Agency."

Annual meetings of the American Law and Economics Association, New York University. "The Organization and Behavior of Bureaucracy: The Case of the Wildlife Agency."

2004

Stanford University Law School. "Property Law."

University of Michigan Law School. "Property Law."

European Institute for the New Institutional Economics, Corsica, France. Lecture on Property Rights.

Plenary Address at the 8th Annual meeting of the International Society for the New Institutional Economics, Tucson, Arizona. "Yoram Barzel and the New Institutional Economics."

Workshop on Institutional Analysis, The Ronald Coase Institute, Tucson, Arizona. "Empirical Work in Agricultural Contracts."

2003

University of Toronto. "The Extermination and Conservation of the American Bison."

Frontiers in Natural Resource and Environmental Economics, Conference on Honor of Gardner M. Brown, University of Washington. "Forest Management under the Endangered Species Act."

University of Pennsylvania Law School. "Common Law, Statute Law and the Conservation Easement."

University of Arizona. "Preemptive Habitat Destruction under the Endangered Species Act."

Resources for the Future. "Common Law, Statute Law and the Conservation Easement."

2002

Montana Natural Resources Leadership Institute, Carroll College, Helena, Montana. "Markets and Natural Resources."

Annual meetings of the American Law and Economics Association, Harvard University. "The Extermination and Conservation of the American Bison."

Annual meetings of the Western Economic Association, Seattle. "Common Law, Statute Law and the Birth of the Conservation Easement."

University of Virginia Law School. "The Extermination and Conservation of the American Bison."

2001

Washington State University. "The Control of Assets: Ownership and Contracting in Agriculture."

Montana State University. "The Control of Assets: Ownership and Contracting in Agriculture."

Conference on *The Evolution of Property Rights* held at Northwestern University. "The Extermination and Conservation of the American Bison."

Oklahoma State University. "The Control of Assets: Ownership and Contracting in Agriculture."

Waikato University, Hamilton, New Zealand. "The Control of Assets: Ownership and Contracting in Agriculture."

Keynote address to the Annual General Meeting of the Law and Economics Association of New Zealand, Wellington, New Zealand. "Ronald Coase Visits the Farm: Contracts and Organization in Agriculture."

Western Economics Association annual meetings, San Francisco. "The Control of Assets: Ownership and Contracting in Agriculture."

The Barzel Conference: In Honor of Yoram Barzel's 70th Birthday, University of Washington, Seattle. "The Extermination and Conservation of the American Bison."

2000

Workshop on Contracting in Agriculture, USDA, Washington, DC. "Incentives and Efficient Agricultural Contracts."
Conference on the Law and Economics of Property Rights, Hoover Institution, Stanford University. "First Possession as the Basis of Property."
Stanford Law School. "The Law and Economics of Wildlife Management."
Cornell University. "Preemptive Habitat Destruction under the Endangered Species Act."
Debate with Professor Jeffrey Rachlinski, Law School, Cornell University. "The Efficacy of the Endangered Species Act."
University of Pennsylvania Law School. "Preemptive Habitat Destruction under the Endangered Species Act."
Association of Environmental and Resource Economics Workshop, La Jolla, California. "Preemptive Habitat Destruction under the Endangered Species Act."
Conference: The Economics of Contracting in Agriculture. Saskatoon, SK, Canada. Efficient Incentives in Agricultural Contracts and Organization."

1999

American Economic Association annual meetings, New York City. "Self Ownership and the Rights of Women." and "Preemptive Habitat Destruction under the Endangered Species Act."
Brigham Young University. "Preemptive Habitat Destruction under the Endangered Species Act." and lecture to undergraduate students.
University of Calgary. "Preemptive Habitat Destruction under the Endangered Species Act."
Stanford University Law School. "Preemptive Habitat Destruction under the Endangered Species Act."
American Law and Economics Association annual meetings, Yale University. "Preemptive Habitat Destruction under the Endangered Species Act."
Advanced Workshop in Regulation and Competition: Meeting the Competitive Challenge in Network Industries, Center for Research in Regulated Industries. "Preemptive Habitat Destruction under the Endangered Species Act."

1998

Northwestern University. "Self Ownership and the Rights of Women."
University of Illinois. "Self Ownership and the Rights of Women."
University of Arizona. "Self Ownership and the Rights of Women."
Protecting Endangered Species: Alternatives to Legislation." Fraser Institute, Vancouver, BC, Canada. "Forest Management Under the Endangered Species Act."
University of Georgia. "Self Ownership and the Rights of Women."
World Congress of Environmental and Resource Economists, Venice, Italy. "A Theory of Natural Resource Use under Common Property Rights."
Northeast Universities Development Consortium Annual Conference, Yale University. "Self Ownership and the Expansion of Women's Rights."

1997

Montana State University. "Risk Sharing and Agricultural Contracts," and "The Nature of the Farm."
George Mason University Law School. "Self Ownership and the Rights of Women."
Wake Forest University. "Self Ownership and the Rights of Women."
American Law and Economics Association annual meetings, Toronto. The Economics of Petroleum Conservation."
American Petroleum Institute, Washington, D.C. "The Economics of Petroleum Conservation."
Inaugural Conference for the International Society for New Institutional Economics. St. Louis. "Self Ownership and the Rights of Women."

1996

Conference on "Industrial Organization and the Food-Processing Industry" Institut d'Economie Industrielle, University of Toulouse, France. "The Nature of the Farm."

American Law and Economics Association annual meetings, Chicago. "The Nature of the Farm" and "Self-Ownership and the Rights of Women."

Conference on "Environmental Federalism in the West" sponsored by PERC, Bozeman, MT. "Federalism and Wildlife Conservation in the West."

University of South Carolina. "The Nature of the Farm."

Annual Technical Meetings of the Society of Petroleum Engineers, Denver. "The Economics of Unitized and Non-Unitized Production."

Triangle Economic History Workshop, National Humanities Institute, Raleigh, NC. "Self Ownership and Women's Rights: A Historical Perspective."

1995

American Economic Association annual meetings, Washington, D.C. "Risk Preferences and the Economics of Contracts,"

Columbia University School of Law. "The Rule of First Possession and the Design of the Law."

University of Connecticut. "The Rule of First Possession and the Design of the Law."

Colby College, "The Economics of Farm Contracts and Farm Organization,"

University of Michigan. "Risk, Uncertainty, and Contracts,"

University of Pittsburgh. "Risk, Uncertainty, and Contracts."

Policy Analysis Department, American Petroleum Institute, Washington, D.C. "The Law and Economics of Petroleum Conservation,"

University of Quebec-Montreal. "Risk, Uncertainty, and Contracts."

North Carolina State University. "The Rule of First Possession and the Design of the Law."

Center for Law, Economics, and Public Policy, Yale Law School, Yale University. "The Law and Economics of Petroleum Conservation,"

University of California - Davis. "The Nature of the Farm."

North Dakota State University. "Risk, Uncertainty, and Contracts."

Conference on "Institutions and Economic Performance in the Past" sponsored by the Institute of Economics, University of Copenhagen, DENMARK "The Nature of the Farm."

University of Kentucky. "The Nature of the Farm."

1994

American Economic Association annual meetings, Boston. "Common Property and Natural Resources."

Oregon State University "Common Property as an Egalitarian Share Contract."

North Carolina State University. "Risk, Uncertainty, and Contracts."

Louisiana State University. "Risk, Uncertainty, and Contracts."

University of California - Davis "Risk, Uncertainty, and Contracts,".

University of California - Santa Barbara. "Risk, Uncertainty, and Contracts."

UCLA "Risk, Uncertainty, and Contracts."

Yale Law School, Yale University. "Risk, Uncertainty, and Contracts."

George Mason University Law School. "The Rule of First Possession and the Design of the Law."

Texas A&M University. "Risk, Uncertainty, and Contracts."

University of Massachusetts. "Risk, Uncertainty, and Contracts."

1993

Washington University. "The Commons and the Law,"

American Law and Economics Association annual meetings, Chicago. "The Commons and the Law."

Conference on "Wildlife in the Marketplace" sponsored by the Political Economy Research Center, Bozeman, MT. "The Economic Organization of Wildlife Institutions."

Western Economic Association annual meetings, San Francisco. "The Commons and the Law,"

Canadian Law and Economics Association annual meetings, Toronto.

“The Commons and the Law,”

Conference on “Agricultural Markets: Mechanisms, Failures, Regulations” sponsored by the Institut d’Economie Industrielle, University of Toulouse, FRANCE. “Risk, Uncertainty, and Contracts.”

1992

LSU Law School, Louisiana State University. “The Economics of Wildlife Law,”

Florida State University. “Common Property as an Egalitarian Share Contract,”

American Economic Association annual meetings, New Orleans. “Common Property as an Egalitarian Share Contract,”

Western Economic Association annual meetings, Lake Tahoe. “Market and Regulatory Forces in the Pricing of Legal Services,”

1991

Simon Fraser University “Common Property as an Egalitarian Share Contract,”.

Western Economic Association annual meetings, Seattle. “Reputation, Specific Assets, and the Structure of Farmland Contracts,”

University of California - Berkeley. “Contract Choice in Modern Agriculture,”

University of California - Davis. “Contract Choice in Modern Agriculture,”

University of Alberta. “Contract Choice in Modern Agriculture,”

American Economic Association annual meetings, Washington, D.C. “Contract Choice in Modern Agriculture,”

Louisiana State University. American Economic Association annual meetings, Washington, D.C.

LSU Law School, Louisiana State University. “Reputation, Specific Assets, and the Structure of Farmland Contracts.”

1990

American Economic Association annual meetings, Washington, D.C. “Land Tenure and Agriculture on Indian Reservations,”

Department of Economics, Simon Fraser University “Land Tenure and Agriculture on Indian Reservations,”.

Western Economics Association annual meetings, San Diego. “Land Tenure and Agriculture on Indian Reservations,”

Department of Finance, Business, and Economics, University of Southern California.

“Land Tenure and Agriculture on Indian Reservations,”

Brigham Young University. “Land Tenure and Agriculture on Indian Reservations,”

1989

Western Economic Association annual meetings, San Francisco. “Contract Choice in Modern Agriculture,”

Conference on “Constitutions, Property Rights and Indian Economies” sponsored by the Political Economy Research Center, Bozeman, MT. “Land Tenure and Agriculture on Indian Reservations,”

Brigham Young University. “Contract Choice in Modern Agriculture,”

Southern Economics Association annual meetings, San Antonio. “Land Tenure and Agriculture on Indian Reservations,”

1988

Brigham Young University. “Ownership and Regulation of Wildlife,”

Clemson University. “Ownership and Regulation of Wildlife,”

Western Economics Association annual meetings, Los Angeles. “The Economic Nature of Wildlife Law,”

COURSES TAUGHT

Undergraduate Economics

Principles of Economics
Introductory Microeconomics
Introductory Macroeconomics
Intermediate Microeconomics (current)
Law and Economics
Natural Resource Economics
Environmental and Resource Economics (current)
Industrial Organization
Farm & Ranch Management
Seminar: Economics of Wildlife

Graduate Economics

Law and Economics
Natural Resource Economics
Transaction Costs in Contracts & Organization
Seminar in Research Methodology
Seminar in Economics, Law and the Environment

Law

Federal Land and Natural Resources Law
Law, Economics & Organization
Law and Economics of the Natural Environment
Natural Resource Law (current)
Property Theory
Seminar in Economics, Law and the Environment

CONSULTING PROJECTS

2022-2023

Economic expert. Charles River Laboratories International, Inc. United States District Court for the District of South Carolina Charleston Division, *Defenders of Wildlife et al. v. Charles River Laboratories International, Inc. et al.*, (No. 2:22-cv-112-RMG, January 13, 2022).

2021

Economic expert. Cleveland-Cliffs USA, LLC,. The United States District Court for the Northern District of Indiana, *Environmental Law & Policy Center and Hoosier Environmental Council, v. Cleveland-Cliffs Burns Harbor, LLC and Cleveland-Cliffs USA, LLC* (Case No. 199-cv-473).

2017-2018

Economic expert. FTI Economics and the Smarter Fuel Future. Economic analysis of the renewable fuels standard and their impacts on ethanol markets.

2016

Economic expert. Union Pacific Railroad Company. The United States District Court for the District of Arizona, *James Paul Mooney; and Lazy Coyote RV Village, LLC, on behalf of themselves and all others similarly situated, Plaintiffs, v. Union Pacific Railroad Company, successor to Southern Pacific Transportation Company; SFPP, L.P. (formerly known as Santa Fe Pacific Pipelines, Inc., formerly known as Southern Pacific Pipelines, Inc.); Kinder Morgan Operating L.P. "D"; and Kinder Morgan G.P., Inc., Defendants*, No. 2:15-cv-01092-DGC (Consolidated with Case No. 2:15-cv-01380-DGC).

2013

Economic expert. Navajo Agricultural Products Industry, Incorporated. Prepared a white paper completed November 19, 2013, "Economic Losses from the United States Government's Failure to Complete the Navajo Indian Irrigation Project."

2012

Economic expert. BNSF Railway Company. Case before the Surface Transportation Board, Finance Docket No. 35305, Petition of Arkansas Electric Cooperative Corporation for a Declaratory Order.

2009

Expert Testimony: The United States Department of Agriculture. The United States District Court for the District of Columbia, *Marilyn Keepseagle et al., Plaintiff, v. The United States Department of Agriculture, Defendant*, No. 1-99CV03119, Expert Report on Behalf of Defendant, April 8, 2009; Deposition, May 14, 2009.

2008

Expert Testimony. City of Las Cruces, New Mexico, State of New Mexico, County of Dona Ana, Third Judicial District, *Moongate Water Company, Inc., Plaintiff, v. City of Las Cruces, New Mexico, and Dona Ana Mutual Domestic Water Consumers Association, Defendants*, No. CV-06-1289; Expert Report, May 15, 2008.

2008

Economic expert. Halliburton Energy Services, Inc. United States District Court for the Eastern District of Texas, Tyler Division. *M-I, LLC v. Halliburton Energy Services, Inc., Defendant*, No 6:07-cv-00311-LED.

2003

Economic expert for the Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation, Poplar, Montana.

1996-97

Member of the "Sunday Hunting Study Team," North Carolina Chapter of *The Wildlife Society*.

1996

Scientific Advisory Panel for the Center for Environmental Education Research.

1995

Agricultural Economics Consultant, Davidson Institute, School of Business Administration, University of Michigan.

1994-95

Senior Research Investigator, Louisiana Education Quality Support Fund Project "Development of Phosphogypsum-Derived Aggregates."