

*Daniel J. Evans Distinguished Professor Emeritus,
Daniel J. Evans School of Policy and Governance
Adjunct Professor Emeritus, School of Law
University of Washington
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Seattle, WA 98195
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Personal

*Volunteer Track Coach at Seattle World School 2015-17
Four Times All American Masters Track, Cross Country running and Race Walking at
distances from 1500 to 5K. Ran 5:38 road mile at age 66. Placed in top two in USATF
National Masters Indoor Championships for Race Walking in 1500 and 5K (2016). Placed in
top 3 outdoor in USATF in 1500 and 5K race walk 2017. Placed first in Washington State
Senior Games in 2018 for 800 meters run, 1500 meters run and 1500 meters race walk.
Second American to finish in Masters World Cup 35 Kilometer Cross Country Skiing,(Classic)
Autrans France*

*Husband of Diane, father of two fine men and grandfather of 4 grandchildren
Member of Union of Concerned Scientists
Author of fiction, "The Wandering Man in the Grande Ronde Valley, author listed as Riley
O'Zerbe
Non-fiction: "The Path of Human Progress (2017) Amazon, Create Space*

Education

DUKE UNIVERSITY Ph.D.
Economics

UNIVERSITY OF OKLAHOMA
A.B. Areas of Concentration: Mathematics, General Science, Political Science

Selected Work Experience

UNIVERSITY OF WASHINGTON
Daniel J. Evans Professor Emeritus, 2015-
Daniel J. Evans Distinguished Professor of Public Affairs, Daniel J. Evans
School of Public Affairs, 2007-present
Associate Dean, Daniel J. Evans School of Public Affairs, 2007-09

Adjunct Professor, School of Law, 1990- present
Professor, Daniel J. Evans School of Public Affairs, 1981-2007
Adjunct Professor, Department of Civil Engineering, 1980-95

Adjunct Professor, Department of Economics, 1990
Acting Director, Program in Social Management of Technology, 1976-77

MARSHALL UNIVERSITY,
Assistant Professor, 1964-1966

YORK UNIVERSITY
Assistant Professor, 1966-68

UNIVERSITY OF CHICAGO
Research Fellow in Law and Economics, 1969-71

NORTHWESTERN UNIVERSITY
Visiting Associate Professor of Economics, 1972-76

UNIVERSITY OF CHICAGO
Research Associate, Department of Economics, 1972-76

AMERICAN BAR FOUNDATION
Affiliated Scholar, 1972-74
Scholar in Residence, 1971-72

Awards, Grants and Honors

- Fulbright Scholar University of Bari, Bari, Italy, 2018
- Daniel J Evans Distinguished Professor, University of Washington
- Founder of Society for Benefit-Cost Analysis
- Co-Founder Journal of Benefit-Cost Analysis
- Advisory Board of American Antitrust Association
- Member of National Science Foundation Panel for Integrating Economic and Financial Principles into Environmental Engineering Research and Education
- Past President- of the Society for Benefit-Cost Analysis, 2009-2010
- Past Vice President of the Society for Benefit-Cost Analysis, 2007-2009
- John D. and Catherine T. MacArthur Foundation grants, 2006, 2007, 2008, 2009, 2010, 2011, 2012
- King County GIS Grant, 2010-2011
- Casey Family Foundation grant, 2006
- NSF and Pacific Earthquake Engineering Research Center (PEER) grant, 1999, 2000, 2001
- Offered but did not accept Distinguished Fulbright Lectureships, Philippines and Ireland,
- RAND Research Grant, Summer 1995
- Olin Fellow, Yale Law School, Fall 1990
- NBER Research Award, 1978
- Sea Grant, 1977-78
- Ford Foundation Grant 1967

- American Bar Foundation Scholar in Residence
- Research Fellow in Law and Economics, University of Chicago, 1969-71
- The Council of Law Related Studies, Harvard, 1971
- Ford Foundation Grant (with P.S. Laumas), 1969
- Ontario Department of Public Health, Research Grant, 1968
- Marshall University Student Senate Teaching Award, 1965
- Duke University Scholarship, 1963

Recent Public Service

Consultant to Downtown Association re Affordable Housing, 2015
 Consultant to Multnomah County Ore, (Portland) re Emergency Preparedness Program
 Consultant of King Country Washington re GIS program
 Consultant to Global Impact Project: Funded by Gates Foundation, 2009-10
 Member of American Antitrust Institute
 Founder of Society for Benefit-Cost Analysis
 Past Vice President and President of the Society for Benefit-Cost Analysis
 Consultant to the Annie E. Casey Foundation
 Member of Scientific Committee for European Law and Economics Project
 Consultant to Regional Commission for Airline Affairs, 1992

Selected Professional Associations Served

Society for Benefit-Cost Analysis, founding member, 2007-08
 American Law and Economics Association, founding member, past member of Board of Directors
 Western Economic Association, past member of Board of Directors

Publications (175 counting reports and edited volumes)

Books

Zerbe, Richard O. *The Path of Human Progress*, Amazon, 2017

Zerbe, Richard O. *Efficiency in Law and Economics*, 2014 (ed with introduction)
 Northampton, MA Edward Elgar Publishing, Inc., (series editors, Richard Posner and Francesco Parisi)

Zerbe, Richard O. & Scott Farrow, (eds) *Principles and Standards for Benefit Cost Analysis*,
 Northampton, MA, Edward Elgar, in press, 2013

Zerbe, Richard O. and Allen S. Bellas (2006). *A Primer for Benefit-Cost Analysis*.
 Northampton, MA: Edward Elgar Publishing, Inc.

Zerbe, Richard O. (2001). *Economic Efficiency in Law and Economics*. Northampton, MA:
 Edward Elgar Publishing, Inc.

Zerbe, Richard O., Jonathan Lesser and Daniel Dodds (1997). *Environmental Economics*. Reading, MA: Addison-Wesley.

Zerbe, Richard O. and Dwight Dively (1994). *Benefit-Cost Analysis in Theory and Practice*. New York: HarperCollins College Publishers.

Zerbe, Richard O. and Kevin Croke (1975). *Urban Transportation for the Environment*. Cambridge, MA: Ballinger Publishing Co.

Edited Books

Zerbe, Richard O. (Introduction, Editor). *The International Library of Critical Writings in Economics: Benefit-Cost Analysis* (2 volumes). Northampton, MA: Edward Elgar Publishing, Inc., 2008-09

Zerbe, Richard O. with Andrew Schmitz (Eds.). 2009, *The International Library of Critical Writings in Economics: Applied Benefit-Cost Analysis*. Northampton, MA: Edward Elgar Publishing Inc., 2009.

Zerbe, Richard O. (Senior Editor.). *Research in Law and Economics*, 1979-2012, **25 volumes**.

Chapters in Books

Zerbe, Richard O. (2018), "The Concept of Standing in Benefit-Cost Analysis" in *Teaching Benefit-Cost Analysis* (ed. Scott Farrow) Edward Elgar Publishing, Inc., Northampton, MA:

Zerbe, Richard O. (2017), "Cost-Benefit Analysis in Legal Decision-Making," Chapter 17 in *The Oxford handbook of LAW AND eCONOMICS* Oxford Press, (ed. By Francesco Parisi)

Zerbe, Richard O.,(2014) and Tyler Scott, 2015 "A Primer for Understanding Benefit-Cost Analysis" in *Actionable Intelligence for Social Policy: Using Integrated Data Systems to Achieve a More Effective, Efficient, and Ethical Government*, John Fantuzzo, Dennis Culhane Heather Rouse (eds. New York: Palgrave Macmillan.

Zerbe, Richard O. (2014) "Welfare Economics Applied to Law with Costly Markets" in. *Efficiency in Law and Economics*, (editor, R. Zerbe, Series Editors :Richard Posner and Francesco Parisi), Edward Elgar Publishing, Inc., Northampton, MA:

Zerbe, Richard O. (2013,), "Ethical benefit–cost analysis as art and science—ten rules for benefit–cost analysis" in Zerbe, Richard O. & Scott Farrow, (eds) *Principles for Benefit Cost Analysis*, Northampton, MA, Edward Elgar

Zerbe, Richard O., Tyler Scott, Nancy Garland, (2013) *Principles and Guidelines for Benefit-Cost Analysis*", in Zerbe, Richard O. & Scott Farrow, (eds) *Principles for Benefit Cost Analysis*, Northampton, MA, Edward Elgar, 2013

- Zerbe, Richard O. and C. Leigh Anderson. (2011) "The Meaning of Native American Land Ownership: A Study in Psychological Entitlement, Reference Levels and Valuation Disparities." Prepared for Lincoln Institute Conference on Property Rights and Natural Resources, September 2010
- Zerbe, Richard O. (with Nancy Garland, (2011). "The Economics of Climate Change," in *Climate Change* (ed. William Rodgers) Durham, NC: Carolina Academic Press.
- Zerbe, Richard O., "Cost-Benefit Analysis, publication for Sage Encyclopedia by Sage Publications 2010
- Zerbe, Richard O. (2007). "What is Economic Efficiency," in *Encyclopedia of Law and Society: American Global Perspectives*. Thousand Oaks, CA: Sage Publications.
- Zerbe, Richard O. (2002). "Is there Cultural Progress?" in *The Progress Project: Progress and Public Policy?* Lexington, MA: Lexington Press, pp. 191-217.
- Zerbe, Richard O. with R. Scott Farrow, Eva Wong, Rafael A. Ponce, and Elaine M. Faustman (2001). "Facilitating Regulatory Design and Stakeholder Participation: The FERET Template with an Application to the Clean Air Act," in Paul Fischbeck and R. Scott Farrow (eds.), *Improving Regulation: Cases in Environment, Health, and Safety*, Washington, DC: Resources for the Future, pp. 429-442.
- Zerbe, Richard O. and Jonathan Lesser (1998). "A Practitioner's Guide to Benefit Cost Analysis," in Frederick Thompson (ed.), *The Handbook of Public Finance*, New York, NY: Marcel Dekker.
- Zerbe, Richard O. and Steven Medema (2000). "The Coase Theorem," in Bouckaert and DeGeest (eds.), *The Encyclopedia of Law and Economics*. Aldershot: Edward Elgar Publishing, Inc., vol. 1, pp. 836-892.
- Zerbe, Richard O. and Donald Cooper (December 1982). "An Empirical and Theoretical Comparison of Alternative Predation Rules," *Texas Law Review*, 61(4), 655-715. Reprinted in Andrew I. Gavil (ed.) (1996). *An Antitrust Anthology*. Cincinnati, OH: Anderson Publishing Company.
- Zerbe, Richard O. (Spring 1980). "The Costs and Benefits of Early Regulation of the Railroads," *Bell Journal of Economics* (now the *RAND Journal of Economics*), 11(1), 343-350. Reprinted in Robert B. Ekelund (ed.) (1998), *The Foundations of Regulatory Economics*. Northampton, MA: Edward Elgar Publishing, Inc.
- Zerbe, Richard O. and Steven Medema (1997). "Ronald Coase, the British Tradition, and the Future of Economic Method," in Steven G. Medema (ed.), *Coasean Economics: Law and Economics and the New Institutional Economics*. Boston, MA: Kluwer Academic Publishers.

- Zerbe, Richard O. and K.G. Croke (1981). "Environmental Regulations and Urban Traffic," in George Tolley (ed.), *Environmental Pollutants and the Urban Economy*. Cambridge, UK: Ballinger Press.
- Zerbe, Richard O. (Fall 1976). "The Problem of Social Cost: Fifteen Years Later," in Lin (ed.), *Externality Theory and Measurement*. St. Louis, MO: Academic Press .
- Zerbe, Richard O. (1976). "The Effect of the Energy Crisis on Environmental Regulation" in Holleb and Alexander (Eds.), *Energy Versus the Environment*, Chicago, IL: University of Chicago Press.
- Zerbe, Richard O., A. Cohen and K. Croke (1975). "Transportation Control Issues in Air Quality Maintenance," in *Regional Issues in Air Quality Maintenance (ACPA)*.
- Zerbe, Richard O. (1974). "Antitrust Cases as a Guide to Directions in Antitrust Research and Policy," in J. Dalton and S. Levine (eds.), *Priorities in Antitrust*. Lexington, MA: D.C. Heath.
- Zerbe, Richard O. (1969). "The Rationale for Government Intervention" in Reid (ed.), *Contemporary Canadian Problems*.

Case Study

Zerbe, Richard, 2008, "Equity and Economic Efficiency in the Merger of Superior Propane and ICG propane, Electronic Hallway. 2008

Articles

Robert H. Lande & Richard O. Zerbe, *The Sherman Act is a No-Fault Monopolization Statute: A Textualist Demonstration*, 70 Am. U. L. Rev. (forthcoming 2020).

Zerbe, Richard O. "The Consent Justification for Benefit Cost Analysis". J O Benefit-Cost Analysis, forthcoming 2020

Susan Dudley and seventeen co-authors including Richard Zerbe, (2017)"Consumer's Guide to Regulatory Impact Analysis: Ten Tips for Being an Informed Policymaker" Journal of Benefit-Cost Analysis. Journal of Benefit-Cost Analysis.

Ryan Scott, Tyler Scott and Richard Zerbe, (2016) "Benefit-Cost analysis in the Chehalis Basin", Journal of Benefit Cost Analysis,

Zerbe, Richard O. (2015), "Gains and Losses in Antitrust Economics: Why Losses Should Count More than Gains, An Implication of Behavioral Economics", *The Antitrust Bulletin*, June; vol. 60, 2: pp. 150-167.

Zerbe et al, 2015 “An Analysis of Benefits from Use of Geographic Information Systems by King County, Washington, URISA Journal, Vol. 27, No. 1

Zerbe, Richard O. (winter, 2013-14), “What Should Be the Return on Public Sector Investment?” Regulation, Vol. 36 (4), pp.

Zerbe, Richard O. (2013) (with Richard Just and Andrew Schmitz),” “Scitovsky Reversals with Normal Goods”, Journal of Benefit-Cost Analysis, pp.411-413

Zerbe, Richard O. (2013) (with David F. Burgess) “The Most Appropriate Discount Rate” Journal of Benefit Cost Analysis volume 4, (3) pp. 391-400

Zerbe, Richard O.(with Scott and Scott), Summer 2013, “Bureaucratic BCA: Why BCA Has Increased, Rather Than Decreased, Policy Controversy In The Chehalis Basin, Regulation, Summer 2013

Zerbe, Richard, 2013 “Are We Spending Our Limited Fiscal Resources Wisely”, in Experts Corner of Big Think, vol. 11, pp 2-4 <http://bigthink.com/experts-corner/are-wespending-our-limited-fiscal-resources-wisely>

Zerbe, R., et al. 2012, "Design Tradeoffs: The Social Costs of Vehicle Fire Protection," *SAE Int. J. Passeng. Cars - Mech. Syst.* 5(2); doi:10.4271/201201-0985.

Zerbe, Richard O. (April 2012) (with Richard Just and Andrew Schmitz),” Scitovsky Reversals and Practical Benefit Cost Analysis”, Journal of Benefit Cost Analysis, vol.3.

Zerbe, R. O. (with Leigh Anderson), 2012, “Psychological Entitlement, Reference Levels and Valuation Disparities: The Case of native American Land Ownership”. in Property in Land and Other Resources, (ed. D. Cole and E. Ostrom), Lincoln Land Institute pp. 295-313

Zerbe, Richard, et al (2012) (Robert R. Scheibe, Tyler Scott, Leland E. Shields, Richard O. Zerbe) “ Design Tradeoffs: The Social Costs of Vehicle Fire Protection, Society of Automotive Engineers (SAE) Journal,

Zerbe R. (with David Burgess), 2011“Appropriate Discounting for Benefit-Cost Analysis”, Journal of Benefit Cost Analysis, 2, (2) pp., 1-20

Zerbe. Richard O. (2011) (with David Burgess), “Calculating the Social Opportunity Cost Discount Rate”, J. Benefit-Cost Analysis, vol. 2 issue3, article 8.

Zerbe. Richard O. (2011) (with David Burgess), “The Appropriate Discount Rate to Use”, *Journal of Benefit Cost Analysis*, vol. 2, issue 2.

Zerbe, Richard (and Jack Kirkwood), (2009) “Reforming Entry Analysis in Merger Cases: The Path to Profitability”, George Mason Law Review

- Zerbe, Richard O. (2009). "Ethical Benefit Cost Analysis as Art and Science: Ten Rules for Benefit-Cost Analysis," *University of Pennsylvania Journal of Law and Social Change* 12(1), 73-106.
- Zerbe, Richard O and Andrew Schmitz, "Scitovsky Reversals and Efficiency Criteria in Policy Analysis" *Journal of Benefit-Cost Analysis*. Published Online: 12/09/2008
- Zerbe, Richard O. (with Andrew Schmitz) (2008). "Scitovsky Reversals and Efficiency Criteria in Policy Analysis" *Journal of Agricultural and Food Industrial Organization* 6(2), article 3, available at:
<http://www.degruyter.com/view/j/jafio.2008.6.2/issue-files/jafio.2008.6.issue-2.xml>
- Zerbe, Richard O. (lead author) with Robert Plotnick, Ronald Kessler, Peter Pecora, Eva Hiripi, Kirk O'Brien, Jason Williams, Diana English and James White (July 2009). "Benefits and Costs of Intensive Foster Care Services: The Casey Family Program Compared to State Services." *Contemporary Economic Policy*, 27.3, 308(13).
- Zerbe, Richard O. with Ronald Kessler (lead author), Peter Pecora, Jason Williams, Eva Hiripi, Kirk O'Brien, Diana English, James White, A. Chris Downs, Robert Plotnick, Irving Hwang, and Nancy Sampson (2008). "The Effects of Enhanced Foster Care on the Long-Term Physical and Mental Health of Foster Care Alumni." *Archives of General Psychiatry*, 65(6):625-633.
- Zerbe, Richard O. (Fall 2007). "The Legal Foundation of Cost-Benefit Analysis," *Charleston Law Review*, 2(1), 93-184.
- Zerbe, Richard O. (Winter 2006). "Justice and the Evolution of the Common Law," *The Journal of Law, Economics & Policy*, 3(1), 81-122.
- Zerbe, Richard O. (lead author), Yoram Bauman and Aaron Finkle (2006). "An Aggregate Measure for Benefit-Cost Analysis," *Ecological Economics*, 58(3), 2006, 449-461.
- Zerbe, Richard O. (lead author), Yoram Bauman and Aaron Finkle (2006). "A Preference for an Aggregate Measure: A Reply to Sagoff," *Ecological Economics*, 60(1), 14-16.
- Zerbe, Richard O. (Spring 2006). "Predatory Pricing and Consumer Harm," *Regulation*, 29(1), 2-4.
- Zerbe, Richard O. (2005). "Monopsony and The Ross Simmons Case: A Comment on Salop and Kirkwood," *The Antitrust Journal*, 72(2), 717-725.
- Zerbe, Richard O. (2004). "Should moral sentiments be incorporated into benefit-cost analysis? An example of long-term discounting", *Policy Sciences*. 37(3/4), 305-318.

- Zerbe, Richard O. and Sunny Knott (2004). "An Economic Justification for a Price Standard in Merger Policy: The Merger of Superior Propane and ICG Propane," in John Kirkwood (ed.), *Antitrust Law and Economics, Research in Law and Economics*, 21, 409-444.
- Zerbe, Richard O. (2002). "Can Law and Economics Stand the Purchase of Moral Satisfaction?" *Research in Law and Economics*, 20, 135-172.
- Zerbe, Richard O. and Leigh Anderson (2001). "Culture and Fairness in the Development of Institutions in the California Gold Fields," *Journal of Economic History*, 61(1), 114-143 (Reprinted in substantial part in other places)
- Zerbe, Richard O., Brian Wasankari and Steven Vinyard (2000). "Of Distributive Justice and Economic Efficiency: An Integrated Theory of the Common Law," *Research in Law and Economics*, 19, 139-222.
- Zerbe, Richard O. and Steven Medema (2000). "Educating Alice: Lessons from the Coase Theorem," *Research in Law and Economics*, 19, 69-112.
- Zerbe, Richard O. and Howard McCurdy (2000). "The End of Market Failure," *Regulation*, 23(2), 10-15.
- Zerbe, Richard O. and Linda Graham (1999). "The Role of Rights in Benefit Cost Methodology: The Example of Salmon and Hydroelectric Dams," *University of Washington Law Review*, 74(3), 763-797.
- Zerbe, Richard O. and Howard McCurdy (Fall 1999). "The Failure of Market Failure," *Journal of Policy Analysis and Management*, 18(4), 558-578.
- Zerbe, Richard O., Scott Bartell, Rafael Ponce, Timothy Takaro, Gilbert Omenn and Elaine Faustman (1999). "Risk Estimation and Value of Information Analysis for Three Proposed Genetic Screening Programs for Chronic Beryllium Disease Prevention," *Risk Analysis: An International Journal*, 20(1), 87-100.
- Zerbe, Richard O. (with other authors) (1998). "Value-of-Information Analysis for Biomarkers: Susceptibility to Chronic Beryllium Disease at US D. O. E. Sites" in *Proceedings of the Topical Meeting on Risk-Based Performance Assessment and Decision Making*, 2205-213.
- Zerbe, Richard O. (April 1998). "An Integration of Equity and Efficiency," *Washington Law Review*, 73(2), 349-361.
- Zerbe, Richard O. (1998). "Is Benefit Cost Analysis Legal? Three Rules," *Journal of Policy Analysis and Management*, 17(3), 419-456.
- Zerbe, Richard O. and Tom Mumford (Winter 1996). "Does Predatory Pricing Exist?" *Antitrust Bulletin*, 949-985 (journal issue devoted to essays in honor of Phil Areeda and Donald Turner; Roger Blair and Amanda Esquibel, eds.).

- Zerbe, Richard O. and Robert Lande (1996). "Anti-Consumer Effects of Union Mergers: An Antitrust Solution," *Duke Law Journal*, 46, 197-239.
- Zerbe, Richard O. and Lawrence D. Graham (1996). "Economically Efficient Treatment of Computer Software: Reverse Engineering, Protection, and Disclosure," *Rutgers Computer and Technology Law Review*, 22(1), 61-142.
- Zerbe, Richard O. and Jonathan Lesser (July 1995). "What Can Economic Analysis Contribute to the 'Sustainability' Debate," *Contemporary Economic Policy*, 13(3), 88-100.
- Zerbe, Richard O. and Jonathan Lesser (winter 1994). "Discounting Procedures for Environmental (and Other) Projects: A Comment on Kolb and Scheraga," *Journal of Policy Analysis and Management*, 13(1), 140-156.
- Zerbe, Richard O. (1992). "The Economics of Vertical Integration," published by ALI-ABA (American Bar Association).
- Zerbe, Richard O. (Winter 1991). "Comment: Does Benefit Cost Analysis Stand Alone? Rights and Standing," *Journal of Policy Analysis and Management*, 10(1), 96-105
- Zerbe, Richard O. and Robert Lande (September 1990). "More Lessons From Japan: End Industrywide Collective Bargaining?" *Asian Economic Journal*, 4, 28-42.
- Zerbe, Richard O. and Robert Plotnick (September 1988). "Rawlsian Difference Principles and Economic Utilitarianism," *Social Justice Research*, 2(3), 207-222.
- Zerbe, Richard O. and Nicole Urban (1988). "Including the Public Interest in Theories of Regulation," *Research in Law and Economics*, 11, 1-23.
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Zerbe, Richard O. (July 1985). "Is the Attempt to Gain Status a Zero-Sum Game? A Comment on Coelho," *Research in Law and Economics*, 7, 117-121.
- Zerbe, Richard O. and Robert Lande (May 1985). "Reducing Unions' Monopoly Power: Costs and Benefits," *Journal of Law and Economics*, 28(2), 297-310.
- Zerbe, Richard O. (November/December 1983). "Seattle Taxis: Deregulation Hits a Pothole," *Regulation*, 7, 43-48.
- Zerbe, Richard O. (Summer 1983). "New Trip for Taxicabs: Deregulation in Seattle," *Washington Public Policy Notes*, 11(3).
- Zerbe, Richard O. (June 1983). "Consistency among Cost-Benefit Criteria," *The International Journal of Policy Analysis and Information*, 7(1), 125-132.
- Zerbe, Richard O. (1983). "The Chicago Board of Trade Case, 1918," *Research in Law and Economics*, 5, 17-55.

- Zerbe, Richard O. and Donald Cooper (December 1982). "An Empirical and Theoretical Comparison of Alternative Predation Rules," *Texas Law Review*, 61(4), 655-715. Reprinted in Andrew I. Gavil (ed.) (1996). *An Antitrust Anthology*. Cincinnati, OH: Anderson Publishing Company.
- Zerbe, Richard O. (1982). "'Preface and Comment: Evolutionary Theory in Law and Economics,'" *Research in Law and Economics*, 4, xi-xvi.
- Zerbe, Richard O., G. Mesher, B. Hyman and C. Kippenhan (July 1982). "A Market Penetration Model for Residential Photovoltaic Deployment and Its Application in Washington State," *Energy The International Journal*, 7(7), 613-626.
- Zerbe, Richard O. (January 1982). "The Origin and Effect of Grain Trade Regulations in the Late Nineteenth Century," *Journal of Agriculture History*, 56(1), 172-193.
- Zerbe, Richard O. and Nicole Urban (1980). "Towards a Public Interest Theory of Regulation," *National Bureau of Economic Research*.
- Zerbe, Richard O. (1980). "The Problem of Social Cost in Retrospect," *Research in Law and Economics*, 2, 83-102.
- Zerbe, Richard O. and G. Zemansky (November 1980). "Adjudicatory Hearings as Part of the NPDES Permit Process," *Ecology Law Quarterly*, 9(1), 1-66 (law school reviewed).
- Zerbe, Richard O. (Spring 1980). "The Costs and Benefits of Early Regulation of the Railroads," *Bell Journal of Economics* (now the *RAND Journal of Economics*), 11(1), 343-350.
- Zerbe, Richard O. (Spring 1976). "Research and Development by Smaller Firms," *Journal of Contemporary Business*, 5(2), 91-114.
- Zerbe, Richard O. (September 1974). "Optimal Environmental Jurisdictions," *Ecology Law Quarterly*, 4(2), 193-245.
- Zerbe, Richard O. (September 1971). "Theoretical Efficiency in Pollution Control – Reply," *Western Economic Journal*, 9(3), 314-316.
- Zerbe, Richard O. and P. S. Laumas (November 1971). "The Relative Stability of Monetary Velocity and Investment Multiplier in Canada," *The Journal of Money, Credit, and Banking*, 867-877.
- Zerbe, Richard O. (October 1970). "Monopoly, The Emergence of Oligopoly and the Case of Sugar Refining," *Journal of Law and Economics*, 13(2), 501-515.
- Zerbe, Richard O. (October 1969). "The American Sugar Refinery Company, 1887-1914: The Story of a Monopoly," *Journal of Law and Economics*, 12(2), 339-375.

Selected Reports, Editorial Opinions and Published Proceedings

Zerbe, R. O. et al., 2011, “An Analysis of Net Benefits From Use of Geographic Information Systems by King County Washington”, Report to King County.

Zerbe, R.O., T.B. Davis, N. Garland, and T. Scott. (2010) *Towards Principles and Standards in the Use of Benefit-Cost Analysis: A Summary of Work, and a Starting Place*. MacArthur Foundation Power of Measuring Social Benefits Initiative. Seattle, WA: Benefit-Cost Analysis Center, University of Washington.
<http://evans.washington.edu/research/centers/benefit-costanalysis/papers>.

Zerbe, Richard O. and C. Leigh Anderson. (2011) “The Meaning of Native American Land Ownership: A Study in Psychological Entitlement, Reference Levels and Valuation Disparities.” Prepared for Lincoln Institute Conference on Property Rights and Natural Resources, September 2010.

Zerbe, Richard O. “The Use of Benefit-Cost Analysis in Performance Based Earthquake Design,” Report to NSF/PEER, 2002.

Zerbe, Richard O. and Tom Mumford (August 1997). “Bankruptcy Reform,” *Journal American, editorial opinion*.

Zerbe, Richard O. (April 16, 1995). “Earth Day Then and Now,” editorial opinion, *Seattle Times*.

Zerbe, Richard O. (October 11, 1995). “Affirmative Action,” *Seattle Times*.

Zerbe, Richard O. (March 1995). “The Economist's Role in Takings Cases,” paper prepared for the Washington Law School Foundation for a continuing education class.

Zerbe, Richard O. (1992). “The Relationship between Transmission Lines and Property Values,” report prepared for Halinen & Associates.

Zerbe, Richard O. (1992). “Antitrust Policy in the Presence of Network Externalities,” report submitted to the Federal Trade Commission, in connection with a non-public investigation.

Zerbe, Richard O. (1992). “An Economic Analysis of Anticompetitive Foreclosure in the Market for IBM-compatible PC Operator System Software,” report submitted to the Federal Trade Commission, in connection with a non-public investigation.

Zerbe, Richard O. (1992). “Market Concentration and Innovation,” report submitted to the Federal Trade Commission, in connection with a non-public investigation.

Zerbe, Richard O. (1992). “A Critique of the EIS by the Puget Sound Air Transportation Commission,” prepared for a citizens' group.

- Zerbe, Richard O. (Spring 1990). "Should We Re-Regulate Cable TV," editorial opinion, *Seattle Times*.
- Zerbe, Richard O. and Carolyn Madden (Spring 1990). "Economic Analysis of Proposed Water Quality Standard for Ground Waters of the State of Washington," WAC -173-290.
- Zerbe, Richard O. and Dan Carlson (Winter 1990). "Small Business Economics Impact Statement for Proposed Water Quality Standards for Ground Water for the State of Washington," WAC -173-290.
- Zerbe, Richard O. (1984). "The Method of Determining Comparable Cities," report to the Portland Police Guild.
- Zerbe, Richard O. (1977). "A Cost-Benefit Analysis of Two Energy-Saving Technologies," report to the University of Chicago/Argonne and ERDA.
- Zerbe, Richard O. (1976). "An Economic Evaluation of Environmental Regulations for the Motor Racing Industry in Illinois," report to Illinois Institute of Environmental Quality (200 pages).
- Zerbe, Richard O., K.G. Croke and E.J. Croke (1976). "Economic Analyses of Transportation Emission Control Strategies," *Proceedings of the 69th Annual Meeting of the Air Pollution Control Association*, Portland, Oregon, June-July 1976.
- Zerbe, Richard O. (1976). "An Economic and Environmental Analysis of Delays in Certain Combined Sewer Overflow Regulations," report to Illinois Institute of Environmental Quality (50 pages).
- Zerbe, Richard O., K.G. Croke and A. Cohen (1975). "Transportation Control Issues for Air Quality Maintenance," *Proceedings of Lake Michigan States Section, Air Pollution Control Association Conference on Long Term Maintenance of Clean Air Standards*, Chicago, 298-311.
- Zerbe, Richard O. (1974). "Environmental Pollutants and the Urban Economy," report to the National Science Foundation.
- Zerbe, Richard O. (March 1995). "The Illinois Pollution Control System," report to the American Bar Foundation and the Law and Economics Program of the University of Chicago (two volumes, 600 pages), 1972.
- Zerbe, Richard O. (1969). "A Cost-Benefit Analysis of Air Pollution in Toronto," report to the Ontario Department of Environmental Control (300 pages) (Property Value Study).
- Zerbe, Richard O. (1969). "A Test of the Friedman Meiselman Hypothesis with Canadian Data," report to the Ford Foundation (250 pages).

Current Working Papers:

Richard O. Zerbe and Tyler Scott, “(Almost) Everybody Wins: A True Pareto Justification for Practical Welfare Economics and Benefit-Cost Analysis” available on request, 2016

Richard O. Zerbe and Ryan Scott and Tyler Scott, *Overly Bureaucratic BCA: Why BCA Has Increased, Rather Than Decreased, Policy Controversy in The Chehalis Basin*, 2014

Selected Book Reviews

Minding America's Business, by Ira C. Magaziner and Robert B. Reich, Harcourt, 1982, reviewed for *Growth and Change*, 1984.

The Chicago Board of Trade, 1859-1905, The Dynamics of Self-Regulation, by Jonathan Lurie, University of Illinois Press, 1979, reviewed for *Journal of Agriculture History*, 1981.

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American Enterprise: Free and Not So Free, by Clarence Cramer, New York: Little, Brown, 1972, reviewed for *Growth and Change*.

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