

Richard Burton Belzer

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Education

Ph.D. Harvard University, 1989
M.P.P. Harvard Kennedy School, 1982
M.S. University of California, Davis, 1980
B.S. University of California, Davis, 1979

Experience

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| Independent strategic and technical consulting in regulation, risk, economics, and information quality | 2001-present |
| Member, EPA Science Advisory Board Economy-Wide Modeling Panel | 2015-2017 |
| Associate Fellow, R Street Institute | 2015-present |
| Senior Fellow, Cecil & Ida Green Center for the Study of Science and Society | 1995 |
| Nonprofit management | |
| <i>Regulatory Checkbook</i> | 2001-present |
| Regulatory oversight, scientific peer review | |
| <i>Neutral Source</i> | 2006-present |
| Blogging platform @ neutralsource.org | |
| Washington University in St. Louis | 1998-2001 |
| <i>Visiting Professor of Public Policy</i> | |
| Center for the Study of American Business | 1998-2001 |
| <i>Regulatory Program Manager</i> | |
| Office of Information and Regulatory Affairs, Office of Management and Budget | 1988-1998 |
| <i>Economist</i> | |

Public Policy Interests

- Improving the integration of risk assessment into benefit-cost analysis
- Improving the practical utility and reducing the burden of federal information collection requests
- Improving the transparency, reproducibility, and objectivity of information disseminated by government agencies
- Improving the quality of peer review of scientific, economic, and technical work products
- Improving the effectiveness of institutional mechanisms for regulatory oversight
- Improving the net social benefits of regulation

Affiliations, Memberships, and Professional Service

Society for Risk Analysis (sra.org)

Elected Treasurer, 1998, 2000

Executive Committee, 1998-2003

Specialty Groups

[Economics and Benefits Analysis](#)

[Applied Risk Management](#)

[Occupational Health and Safety](#)

[Risk Policy and Law](#)

Society for Benefit-Cost Analysis (benefitcostanalysis.org)

Elected Secretary/Treasurer, 2008, 2010, 2012

Elected Treasurer, 2014

Executive Committee, 2009-2016

American Association of Wine Economists (wine-economics.org)

Federalist Society

Awards

Society for Benefit-Cost Analysis

Richard O. Zerbe, Jr. Distinguished Service Award, 2017

Society for Risk Analysis

Outstanding Service Award, 2003

Cecil and Ida Green Center for the Study of Science and Society, University of Texas at Dallas

Senior Fellow, 1995

Office of Management and Budget

Special Achievement Award, 1990

Division Performance Award, 1991

Division Performance Award, 1992

Testimony

- U.S. House of Representatives Committee on Science, Space, and Technology. Hearing: “The Environmental Protection Agency's Process for Evaluating and Using Science During Its Regulatory Decision Making Activities,” February 7. 2017
([PDF](#)) ([Answers to Questions for the Record](#))
- U.S. House of Representatives Committee on Natural Resources, Subcommittee on Energy and Minerals. Hearing: “Examining Deficiencies in Transparency at the Department of the Interior,” May 19. ([PDF](#)) 2016
- California Environmental Protection Agency, Office of Human Health Hazard Assessment. “*CalEnviroScreen* Academic Workshop,” September 7. ([PDF](#)) 2012
- U.S. House of Representatives, Committee on Science, Space, & Technology, Subcommittee on Investigations & Oversight; and Committee on Small Business, Subcommittee on Healthcare & Technology – “Joint Hearing: How the Report on Carcinogens Uses Science to Meet its Statutory Obligations, and its Impact on Small Business Jobs,” April 25. ([PDF](#)) ([Answers to Questions for the Record](#)) 2012
- U.S. House of Representatives, Committee on Science, Space, and Technology, Subcommittee on Energy and Environment. “Fostering Quality Science at EPA: Perspectives on Common Sense Reform – Day II,” February 3. 2012
([PDF](#)) ([Answers to Questions for the Record](#))
- U.S. Senate, Committee on Environment and Public Works. “Oversight Hearing on Disease Clusters and Environmental Health,” March 29. 2011
([PDF](#)) ([Answers to Questions for the Record](#))
- U.S. House of Representatives, Committee on Government Reform, Subcommittee on Energy Policy, Natural Resources and Regulatory Affairs. “Oversight Hearing on OMB’s Draft Report to Congress on the Benefits and Costs of Federal Regulation,” February 25. ([PDF](#)) 2004
- U.S. House of Representatives, Committee on Investigations and Oversight. “Oversight Hearing on Hazardous Waste Rule Making” 1992

Publications

| CITATION | PEER REVIEWED | YEAR |
|--|---------------|------|
| 1. Belzer RB. "Potential Savings to Medicaid from Substituting Electronic for Tobacco Cigarettes," <i>in press</i> . | | 2017 |
| 2. Dudley S, Belzer R, Blomquist G, Brennan T, Carrigan C, Cordes J, Cox LA, Fraas A, Graham J, Gray G, Hammitt J, Krutilla K, Linquti P, Lutter R, Mannix B, Shapiro S, Smith A, Viscusi WK, Zerbe R. "Consumer's Guide to Regulatory Impact Analysis: Ten Tips for Being an Informed Policymaker," <i>Journal of Benefit-Cost Analysis</i> , 2017:1-18. (HTML) (PDF) | ✓ | 2017 |
| 3. Belzer, RB. "The Costs and Benefits of Subjecting Juveniles to Sex-Offender Registration and Notification," Policy Study 41, R Street Institute. (PDF) | | 2015 |
| 4. Belzer RB. "Risk Assessment, Safety Assessment, and the Estimation of Regulatory Benefits," Research Papers. Mercatus Center at George Mason University, Arlington, VA. (PDF) | | 2012 |
| 5. Belzer RB. "The Report on Carcinogens: What Went Wrong; What Can Be Done to Fix It," <i>Issue Analysis</i> , 2012:1, Competitive Enterprise Institute. (PDF) | | 2012 |
| 6. Belzer RB. "Principles for an Effective Regulatory Impact Analysis Challenge Function," <i>Horizons</i> 10:3, 31-39, Policy Research Initiative (Government of Canada). (PDF) | ✓ | 2009 |
| 7. Belzer RB, Bus JS, Cavalieri EL, Lewis SC, North DW, Pleus RC. "The Naphthalene State of the Science Symposium: Objectives, Organization Structure, and Charge," <i>Regulatory Toxicology & Pharmacology</i> 51:2(1), 1-5. (link) | ✓ | 2008 |
| 8. Belzer RB, ed. "Supplement: The Naphthalene State of the Science Symposium," <i>Regulatory Toxicology and Pharmacology</i> , 52:2(1), 1-50. (link) | ✓ | 2008 |
| 9. Cavalieri EL., Berndt WO, Pleus RC, Belzer RB, Mattie DR. 2005."Report of the Planning Committee for the Perchlorate State of the Science Symposium," Report for the Department of Defense, Office of the Secretary. | | 2005 |
| 10. Belzer RB, Bruce GB, Peterson MK, Pleus RC. "Using Comparative Exposure Analyses to Validate Low-Dose Human Health Risk Assessment: The Case Of Perchlorate." In Linkov I, Ramadan AB, eds. <i>Comparative Risk Assessment and Environmental Decision Making</i> , Kluwer, 57-74. (link) | ✓ | 2004 |

| CITATION | PEER REVIEWED | YEAR |
|--|------------------|------|
| 11. Belzer RB. Exposure Assessment at a Crossroads: The Risk of Success." <i>Journal of Exposure Analysis and Environmental Epidemiology</i> , 12, 96–103. (PDF) | ✓ | 2002 |
| 12. Belzer RB. "Discounting Across Generations: Necessary, not Suspect," <i>Risk Analysis</i> , 20:6, 779-792. (link) | ✓ | 2002 |
| 13. Belzer RB, deFur P, Clarke D. "Selecting, Implementing, and Tracking Ecological Risk Management Decisions: Necessary Elements of an Effective Decisionmaking Framework," Chapter 5 in <i>Risk Management: Ecological Risk-Based Decision-Making</i> , Stahl RG, et al., eds. Pensacola, FL: Society of Environmental Toxicology and Chemistry, 57-74. (link) | ✓ | 2001 |
| 14. Belzer RB. "Using Economic Principles for Ecological Risk Management," Chapter 6 in <i>Risk Management: Ecological Risk-Based Decision-Making</i> , Stahl RG, et al., eds. Pensacola, FL: Society of Environmental Toxicology and Chemistry, 75-90. (link) | ✓ | 2001 |
| 15. Belzer RB. "Getting Beyond 'Grin and Bear It' in the Practice of Risk Management," <i>Reliability Engineering and System Safety</i> , 72:2, 137-148. (link) | ✓ | 2001 |
| 16. Lutter RL, Belzer RB. "EPA Pats Itself on the Back," <i>Regulation</i> 23:3, 23-28. (link) | | 2000 |
| 17. Belzer RB. "HACCP Principles for Regulatory Analysis" in <i>The Economics of HACCP: Costs and Benefits</i> , Uhnevehr LJ, ed. St. Paul, Minn.: Eagan Press. (PDF) | ✓ | 2000 |
| 18. Belzer RB. "OMB Report on Regulation Flunks CSAB Test: Comments on the OMB's 'Draft [Third] Report to Congress on the Costs and Benefits of Federal Regulation'" <i>Policy Brief 203</i> , Center for the Study of American Business, Washington University in St. Louis. (PDF) | | 2000 |
| 19. Belzer RB. "Independent Regulatory Oversight: A New Path to Regulatory Reform," <i>CSAB Forum</i> , 3, Center for the Study of American Business, Washington University in St. Louis. | | 1999 |
| 20. Belzer RB. "CSAB Project on Regulatory Oversight: Study Protocol 1," Center for the Study of American Business, Washington University in St. Louis. | | 1999 |

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|--|------------------|------|
| 21. Belzer RB. "CSAB Project on Regulatory Oversight: Study Protocol 1, Appendix A: Evaluative Criteria for Compliance: Evaluative Criteria for Compliance: Unfunded Mandates Control Act," Center for the Study of American Business, Washington University in St. Louis. | | 1999 |
| 22. Belzer RB. "CSAB Project on Regulatory Oversight: Study Protocol 1, Appendix B: Evaluative Criteria for Compliance [Evaluative Criteria for Compliance: Regulatory Flexibility Act of 1980, as Amended by the Small Business Regulatory Enforcement, Fairness and Compliance Act of 1996]," Center for the Study of American Business, Washington University in St. Louis. | | 1999 |
| 23. Belzer RB. "CSAB Project on Regulatory Oversight: Study Protocol 1, Appendix B: Evaluative Criteria for Compliance [Regulatory Flexibility Act of 1980, as Amended by the Small Business Regulatory Enforcement, Fairness and Compliance Act of 1996]," Center for the Study of American Business, Washington University in St. Louis. | | 1999 |
| 24. Belzer RB. "CSAB Project on Regulatory Oversight: Study Protocol 1, Appendix C: Evaluative Criteria for Compliance [Executive Order 12866]," Center for the Study of American Business, Washington University in St. Louis. | | 1999 |
| 25. Belzer RB. "CSAB Project on Regulatory Oversight: Study Protocol 1, Appendix D: Evaluative Criteria for Compliance [OMB Guidance on Economic Analysis Under Executive Order 12866]," Center for the Study of American Business, Washington University in St. Louis. | | 1999 |
| 26. Belzer RB. "CSAB Project on Regulatory Oversight: Study Protocol 1, Appendix E: Evaluative Criteria for Compliance [Executive Order 12875, 'Enhancing the Intergovernmental Partnership'],'" Center for the Study of American Business, Washington University in St. Louis. | | 1999 |
| 27. Belzer RB. "CSAB Project on Regulatory Oversight: Study Protocol 1, Appendix F: Evaluative Criteria for Compliance [Executive Order 12898, 'Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations'],'" Center for the Study of American Business, Washington University in St. Louis. | | 1999 |
| 28. Belzer RB. "CSAB Project on Regulatory Oversight: Study Protocol 1, Appendix G: Evaluative Criteria for Compliance [Executive Order 13045, 'Protection of Children from Environmental Health Risks and Safety Risks'],'" Center for the Study of American Business, Washington University in St. Louis. | | 1999 |

| CITATION | PEER REVIEWED | YEAR |
|---|---------------|------|
| 29. Belzer RB. "Star Trek Economics: Discounting with Anomalies in the Time-Space Continuum," in <i>Probabilistic Safety Assessment and Management (PSAM 4): Volume 4</i> , Mosleh A, Bari RA, eds., London: Springer-Verlag, 2359-2364. (link) | ✓ | 1998 |
| 30. Belzer RB. "Staking Out Risk Management," in <i>Probabilistic Safety Assessment and Management (PSAM 4): Volume 3</i> , Mosleh A, Bari RA, eds., London: Springer-Verlag, 1985-1990. (link) | ✓ | 1998 |
| 31. Belzer RB. "The Common Sense Imperative of Benefit-Cost Analysis: An Old Idea with Compelling Public Interest Credentials," <i>Risk Policy Report</i> , Inside Washington Publishers, October 20. | | 1995 |
| 32. Belzer RB. "Superfund's Insatiability," <i>Issues in Science and Technology</i> , 11:4 (Summer). Book review of <i>Footing the Bill for Superfund Cleanups</i> , by Katherine N. Probst, Don Fullerton, Robert E. Litan and Paul R. Portney. | | 1995 |
| 33. Belzer RB, Theroux RP. "Criteria for Evaluating Results Obtained from Contingent Valuation Methods," in <i>Valuing Food Safety and Nutrition</i> , Caswell J, ed. Boulder, Colo.: Westview Press. (link) | ✓ | 1995 |
| 34. Belzer RB. "Is Reducing Risk the Real Objective of Risk Management?" in <i>Worst Things First?</i> , Finkel AM, Golding D, eds. Baltimore, Md.: Johns-Hopkins Press. (link) | | 1994 |
| 35. Belzer RB. "Risk Assessment and Benefit-Cost Analysis in U.S. Risk Management Decision Making," in <i>Risk Management 1992: An International Conference</i> , London: UK Health and Safety Executive. | | 1994 |
| 36. Belzer RB. "Regulating Risk: An OMB Perspective," in <i>Regulating Risk: The Science and Politics of Risk</i> , Washington, D.C.: National Safety Council. | | 1993 |
| 37. Belzer RB. "The Peril and Promise of Risk Assessment," <i>Regulation</i> 14:4, 40-49. (link) | | 1991 |
| 38. Office of Management and Budget. "Regulating Risk: The Cost-Effectiveness of Federal Efforts to Reduce Health and Safety Risks," <i>Regulatory Program of the United States Government: April 1, 1991 — March 31, 1992</i> . Washington, D.C.: Office of Management and Budget, 8-16. (PDF) | ✓ | 1991 |
| 39. Office of Management and Budget. "Current Regulatory Issues in Risk Assessment and Risk Management," <i>Regulatory Program of the United States Government: April 1, 1990 — March 31, 1991</i> . Washington, D.C.: Office of Management and Budget, 13-26. (PDF) | ✓ | 1990 |

| CITATION | PEER REVIEWED | YEAR |
|--|------------------|------|
| 40. Office of Management and Budget. 1990 "Regulatory Impact Analysis Guidance," <i>Regulatory Program of the United States Government: April 1, 1990—March 31, 1991: Appendix V</i> . (PDF) | ✓ | 1990 |
| 41. Belzer RB. <i>Economic Incentives for Hazardous Waste Management: Deposit-Refund Systems and Used Lubricating Oil</i> , Ph.D. Dissertation, Harvard University. | ✓ | 1989 |
| 42. Belzer RB and Nichols AL. <i>Economic Incentives to Encourage Hazardous Waste Minimization and Safe Disposal</i> , Energy and Environmental Policy Center, John F. Kennedy School of Government. EPA Cooperative Agreement No. CR813491-01-2. (PDF) | | 1988 |
