

# Richard Burton Belzer

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## Experience

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- Independent strategic and technical consulting in regulation, risk, economics, and information quality 2001-present
- Nonprofit management
  - Regulatory Checkbook 2001-present  
Regulatory oversight, scientific peer review coordination
  - Neutral Source 2006-present  
Blogging platform @ [www.neutalsource.org](http://www.neutalsource.org)
- Washington University in St. Louis
  - Visiting Professor of Public Policy 1998-2001
- Center for the Study of American Business
  - Regulatory Program Manager
- Office of Information and Regulatory Affairs  
Office of Management and Budget 1988-1998
  - Economist

## Awards

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- 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
  - Office of Management and Budget
    - Special Achievement Award, 1990
    - Division Performance Award, 1991
    - Division Performance Award, 1992
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## Public Policy Interests

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- 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

## Education

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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

## Congressional Testimony

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1. 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, 2012. ([PDF](#)) ([Answers to Questions for the Record](#)) 2012
2. Energy and Environment Subcommittee, Committee on Science, Space, and Technology, U.S. House of Representatives, "Fostering Quality Science at EPA: Perspectives on Common Sense Reform – Day II," February 3 ([PDF](#)) 2012
3. Committee on Environment and Public Works, U.S. Senate. "Oversight Hearing on Disease Clusters and Environmental Health," March 29 ([PDF](#)) 2011
4. Subcommittee on Energy Policy, Natural Resources And Regulatory Affairs, Committee on Government Reform, U.S. House of Representatives. Oversight Hearing on OMB's Draft Report to Congress on the Benefits and Costs of Federal Regulation, February 25 ([PDF](#)) 2004
5. Committee on Investigations and Oversight, U.S. House of Representatives. Oversight Hearing on Hazardous Waste Rule Making 1992

## Selected Research Projects

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- California Department of Public Health's Cost-Benefit Analysis for in Support of a Proposed Primary Drinking Water Standard for Hexavalent Chromium [Cr(VI)]  
[10/9/2013](#)  
[12/6/2013](#)  
[12/13/2013](#)
- California Communities Environmental Health Screening Tool (CalEnviroScreen)  
[2/1/2013](#)  
[10/16/2012](#)  
[9/7/2012](#)
- Scientific Information Disseminated in Support of EPA's Notice of Proposed Rulemaking for the Ozone National Ambient Air Quality Standards  
[10/14/2008](#)  
[10/9/2007](#)
- Naphthalene State of the Science Symposium, *Regulatory Toxicology and Pharmacology*, 51:2 (Supplement)  
[2008](#)
- Scientific Information Contained in a Response to Comments Document Disseminated in Support of EPA's 2002 Draft Perchlorate Risk Assessment  
[12/3/2003](#)  
[3/25/2004](#)  
[8/24/2004](#)  
[12/21/2004](#)
- Comparative Risk Assessment of Dietary Perchlorate and Nitrate ([Amazon link](#))  
2004

## Publications

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CITATION	PEER REVIEWED	DATE
1. Belzer RB. "Risk Assessment, Safety Assessment, and the Estimation of Regulatory Benefits," <i>Research Papers</i> . Mercatus Center, Arlington, VA.		<a href="#">2012</a>
2. 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, Washington, DC.		<a href="#">2012</a>
3. Belzer RB. "Principles for an Effective Regulatory Impact Analysis Challenge Function," <i>Horizons</i> 10:3, 31-39, Policy Research Initiative, Ottawa, Canada.	✓	<a href="#">2009</a>
4. 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 &amp; Pharmacology</i> 51:2(1), 1-5.	✓	<a href="#">2008</a>
5. Belzer RB, ed. "Supplement: The Naphthalene State of the	✓	<a href="#">2008</a>

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CITATION	PEER REVIEWED	DATE
Science Symposium," <i>Regulatory Toxicology and Pharmacology</i> , 52:2(1), 1-50.		
6. 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
7. 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.	✓	<a href="#">2004</a>
8. Belzer RB. Exposure Assessment at a Crossroads: The Risk of Success." <i>Journal of Exposure Analysis and Environmental Epidemiology</i> , 12, 96-103.	✓	<a href="#">2002</a>
9. Belzer RB. "Discounting Across Generations: Necessary, not Suspect," <i>Risk Analysis</i> , 20:6, 779-792.	✓	<a href="#">2002</a>
10. 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.	✓	<a href="#">2001</a>
11. 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.	✓	<a href="#">2001</a>
12. 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.	✓	<a href="#">2001</a>
13. Lutter RL, Belzer RB. "EPA Pats Itself on the Back," <i>Regulation</i> 23:3, 23-28.		<a href="#">2000</a>
14. 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.	✓	<a href="#">2000</a>
15. Belzer RB. "OMB Report on Regulation Flunks CSAB Test: Comments on the OMB's 'Draft [Third] Report to Congress		<a href="#">2000</a>

CITATION	PEER REVIEWED	DATE
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.		
16. Belzer RB. 1999. “CSAB Project on Regulatory Oversight: Study Protocol 1,” Center for the Study of American Business, Washington University in St. Louis.		<a href="#">1999</a>
17. 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.		<a href="#">1999</a>
18. Belzer RB. 1999. “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.		<a href="#">1999</a>
19. 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.		<a href="#">1999</a>
20. 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.		<a href="#">1999</a>
21. 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.		<a href="#">1999</a>
22. 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,		<a href="#">1999</a>

CITATION	PEER REVIEWED	DATE
Washington University in St. Louis.		
23. 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.		<a href="#">1999</a>
24. 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.		<a href="#">1999</a>
25. 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
26. Belzer RB. " <i>Star Trek</i> 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.	✓	<a href="#">1998</a>
27. 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.	✓	<a href="#">1998</a>
28. Belzer RB. "The Common Sense Imperative of Benefit-Cost Analysis: An Old Idea with Compelling Public Interest Credentials," <i>Risk Policy Report</i> , October 20.		1995
29. Belzer RB. "Superfund's Insatiability," <i>Issues in Science and Technology</i> , 11:4 (Summer). Book review.		<a href="#">1995</a>
30. Belzer RB, Theroux RP. 1995. "Criteria for Evaluating Results Obtained from Contingent Valuation Methods," in <i>Valuing Food Safety and Nutrition</i> , Caswell J, ed. Boulder, Colo.: Westview Press.	✓	<a href="#">1995</a>
31. 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.		<a href="#">1994</a>
32. Belzer RB. "Risk Assessment and Benefit-Cost Analysis in		1994

CITATION	PEER REVIEWED	DATE
U.S. Risk Management Decision Making," in <i>Risk Management 1992: An International Conference</i> , London: UK Health and Safety Executive.		
33. 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
34. Belzer RB. "The Peril and Promise of Risk Assessment," <i>Regulation</i> 14:4, 40-49.		<a href="#">1991</a>
35. 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.		1991
36. 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.		<a href="#">1990</a>
37. Belzer RB. <i>Economic Incentives for Hazardous Waste Management: Deposit-Refund Systems and Used Lubricating Oil</i> , Ph.D. Dissertation, Harvard University.	✓	1989

## Affiliations, Memberships, and Professional Service

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- American Economic Association
  - Society for Risk Analysis ([sra.org](http://sra.org))
    - Elected Treasurer, 1998, 2000
    - Executive Committee, 1998-2003
  - Society for Benefit-Cost Analysis ([benefitcostanalysis.org](http://benefitcostanalysis.org))
    - Elected Secretary/Treasurer, 2010, 2012
    - Executive Committee, 2010-date
  - American Association of Wine Economists
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## Teaching Experience

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- Virginia Tech Graduate School 1996  
Microeconomics
- Harvard University 1986-87  
Department of Economics