

CURRICULUM VITAE

**STEVEN ROBERT ELLIOTT**

December, 2015

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- DATE OF BIRTH:** January 30, 1964
- CITIZENSHIP:** U.S.A.
- EDUCATION:** Ph.D Economics, University of Colorado  
Boulder, CO, 1990.  
Thesis - "Innovative Rate Structures for Electrical Power  
Utility Load Management: An Experimental Approach".  
M.A. Economics, University of Colorado  
Boulder, CO, 1989.  
B.S. Economics (Honors), [Minor: Mathematics] University of Wyoming  
Laramie, WY, 1986.
- POSITIONS:** Chief Departmental Advisor, Department of Economics,  
Miami University, Fall 2012 to Present
- Associate Professor, Department of Economics  
Miami University, Fall 2005 to Present
- Faculty Affiliate, Institute for Environmental Science  
Miami University, Fall 2010 to Present
- Visiting Assistant Professor, Department of Economics  
Miami University, Fall 1998 to Fall 2000.
- Visiting Assistant Professor, Department of Economics  
Michigan Technological University, Fall 1997 to Summer 1998.
- Visiting Professor, Department of Economics  
University of Colorado, Fall 1996 to Fall 1997.

Research Associate, Energy, Environment and Resource Center  
University of Tennessee, 1995 to Fall 1996.

Research Associate, Energy Division  
Oak Ridge National Laboratory, 1991 to 1995.

Post Doctoral Research Associate, Economic Science Laboratory  
University of Arizona, 1990 to 1991.

**FIELDS OF SPECIALIZATION:**

Applied Microeconomics  
Environmental Economics  
Industrial Organization  
Regulation  
Experimental Economics Methods  
Labor Economics

**PUBLICATIONS:**

a) Refereed

“Assessment of Economic Sustainability of the Strip Clear-Cutting System in the Peruvian Amazon” (with D. Gorchov and X. Rondon), *Forest Policy and Economics*, Vol. 12, No. 5, pp 340-348, July, 2010.

“Sustainability: An Economic Perspective,” *Resources, Conservation and Recycling*, Vol. 44, No. 3, pp. 263-267, June, 2005.

"Evaluating Development Alternatives for a High-Quality Stream Threatened by Urbanization: Big Darby Creek Watershed," (with O.H. Erikson, O.L. Loucks, M. Smith, and R.J.F. Bruins) *Economics and Ecological Risk Assessment: Applications to Watershed Management*, (R.J.F. Bruins, Randall J.F. and Matthew T. Heberling eds), CRC Press, Boca Raton, Chapter 10, pp. 227-252, 2005.

"Assurance Information: an Experimental Study," (with L. Davis and B.P. Joyce), *Journal of Economics*, Vol. 30, No. 2, 2004.

“Approaching Sustainability Through a Business-Science Synthesis,” (with O.H. Erikson, R.F. Gorman, T.C. Krehbiel, O.L. Loucks, and A.M. Springer), *Teaching Business Sustainability: From Theory to Practice*, (C. Galea, ed), Greenleaf Publishing, London, Chapter 10, pp. 151-155, 2004.

“Integrating Business and Environmental Education” (with O.H. Erikson, R.F. Gorman, T. C. Krehbiel, O. L. Loucks), *Teaching Business Sustainability: From Theory to Practice*, (C. Galea, ed), Greenleaf Publishing, London, Chapter 6, pp. 95-106, 2004

"An Experimental Examination of Vertical Control and Cost Predation" (with J. Brown-Kruse and R. Godby), *International Journal of Industrial Organization*, Vol. 21, pp. 253-281, 2003.

"Rationing Supply Capacity Shocks: A Laboratory Comparison of Second Best Mechanisms," (with J. Brown-Kruse, W. Schulze and S. Ben-David) *Research in Experimental Economics* (Mark Isaac ed.). JAI Press, Greenwich, Connecticut, Vol 8. pp 153-183, 2001.

"Understanding Experimental Economics and Policy Analysis in a Federal Agency: The Case of Marketable Emissions Trading," (with D.J. Bjornstad and D. Hale) *Research in Experimental Economics* (Mark Isaac ed.). JAI Press, Greenwich, Connecticut, Vol 7, pp. 163-180, 1999.

"Speculation in Experimental Markets for Emission Permits," (with T. Cason and M. Van Boening) in *Research in Experimental Economics* (Mark Isaac ed.). JAI Press, Greenwich, Connecticut, Vol. 7, pp. 93-120, 1999.

"Experiments in Decision-Making Under Risk and Uncertainty: Thinking Outside the Box," *Managerial and Decision Economics*, Vol. 19, No. 4-5, pp. 239-257, 1998.

"Are Hypothetical Referenda Incentive Compatible?" (with R.G. Cummings, G.W. Harrison and J. Murphy), *Journal of Political Economy*, Vol. 105, No. 3, pp. 609-621, 1997.

"Economic Growth and Sustainability: A New Challenge," (with R.V. O'Neil, J.R. Kahn, J.R. Duncan, R. Efrogmson, H. Cardwell, and D. Jones), *Ecological Applications*, Vol. 6, No 1, pp.23-24, 1995.

"Collective Risk Decisions in the Presence of Many Risks," (with M. McKee) *Kyklos*, Vol. 48, No. 4, pp., 541-554, 1995.

"Evaluating Technology Innovation Programs: The Use of Comparison Groups to Identify Impacts," (with M.A. Brown and T.R. Curlee), *Research Policy* Vol. 24, No. 3, pp. 669-684, 1995.

"Hazardous Waste Capacity Assurance Planning: Volumes for One-Time Remediation," (with J. Peretz, B. Tonn, H. Hwang, and R. Bohm), *Remediation* Vol. 4 No. 4, pp 405-424 Autumn 1994.

"Risk Perceptions and Risk Taking in the Presence of Multiple Risks," (With M. McKee) in *Decision Making Under Risk and Uncertainty: New Models and Empirical Findings* (J.Geweke ed.) Kluwer Academic Publishers, Dordrecht, pp. 253-260, 1992.

"Protective Response to Household Risk: A Case Study of Radon Mitigation," (with J. Doyle, G. McClelland, W. Schulze and G. Russell) *Risk Analysis*, Vol. 11, pp. 1440-1445, 1991.

#### b) Other

Integrating Ecological Risk Assessment and Economic Analysis in Watersheds: a Conceptual Approach and Three Case Studies. U.S. Environmental Protection Agency, Office of Research and Development, National Center for Environmental Assessment, Cincinnati Office , Cincinnati, OH, EPA/600/R-03/140R.

“Framing of a Contingent Valuation Survey for Stream Biodiversity in Ohio, (with O.L. Loucks, O.H. Erekson, D.S. McCollum, M.M Riley and R. Burins)” *Proceedings of Integrated Decision-Making for Watershed Management Symposium: Process and Tools*, (D. Bosch Ed), VPI, January 2001, pp 465-482.

“Review of ‘The Economics of Sustainable Development’ (I.Goldin and L.A Winters eds)”, *Review of International Economics*, Vol. 8, No. 1, February 2000.

"Replication and Efficiency in Experiments for Marketable Emissions Permits," Oak Ridge National Laboratory, ORNL/TM-13179, 1996 (with T. Cason, M. Van Boening and I. Kundra).

"Methodologies for Estimating One-Time Hazardous Waste Generation for Capacity Assurance Planning," Oak Ridge National Laboratory, ORNL/TM- 12741, 1994 (with B.E. Tonn, H.L. Hwang, J. Peretz, R. Bohm, and B. Jendruko).

"Experimental Economics: The Marketable Emission Analysis," *1993 Proceedings of the Federal Forecaster's Conference*.

"Understanding Investments in New Technologies: An Experimental Approach," (with D.J. Bjornstad) *1993 Proceedings of the Federal Forecaster's Conference*.

"Proposed Modification to the Lower Mokelumne River Project, California" Final Environmental Impact Statement, Federal Energy Regulatory Commission, Office of Hydropower Licensing, FERC Project No. 2916-004, November, 1993 (with R. Perlack, M. Sale, C. Coutant, and W. Staub).

"A Comparison Group Analysis of DOE's Energy-Related Inventions Program," Oak Ridge National Laboratory, ORNL\CON-365, 1993 (with M.A. Brown, T.R. Curlee and C.A. Franchuk).

"An Evaluation of Strategies for Promoting Effective Radon Mitigation," United States Environmental Protection Agency Risk Communication and Economic Research Series, EPA 230-02-90-75, 1990 (with J.K. Doyle, G.H. McClelland, W.D. Schulze, P.A Locke, G.W. Russell and A. Moyad).

**PAPERS UNDER REVIEW:**

“A Multidisciplinary Energy Course” (with M. Bordmen, K. Dawisha and C.S. Chen), In review by American Society for Engineering Education.

**WORK IN PROGRESS:**

“Creating an Sustainable Energy Curriculum” (T. Crist) In preparation for submission to US Dept. of Education).

“What can the Dismal Science do for a Brighter Future: Economics, sustainability and the Future. In preparation for a special edition of *Sustainability*.

"Understanding Sunk Costs Effect" (with M. Curme).

**GRANTS AND RESEARCH CONTRACT:**

- 2014 Nature Conservancy: “Understanding Current and Potential Sources of Funding for Natural Areas in the Caribbean,” (With S Moss and S. Moultrie
- 2000 Richard T. Farmer School of Business Administration Summer Research Grant: “Sunk Costs in Decision-making: An Experiment,” (with M. Curme).
- 1999 U.S. Environmental Protection Agency: "Economics In Ecological Risk Assessment" (P.I.'s O.H. Ereksen and O.L. Loukes)
- 1994 U.S. Department of Energy, Energy Information Administration, "Review of the Impacts Of Independent Expert Reviews on the National Energy Modeling System."
- 1993 U.S. Department of Energy, Office of Energy Research: "Investing in New Technology: An Experimental Approach," (with D.J. Bjornstad).
- 1992 U.S. Department of Energy, Energy Information Administration: "Further Experimental Analysis of Allowance Markets Under the Clean Air Act."
- 1991 U.S. Department of Energy, Energy Information Administration: "Experimental Analysis of Allowance Markets Under the Clean Air Act."
- 1989 University of Colorado, Department of Economics Cooperative Research Grant: "Over- and Under-regulation in OSHA: An Experimental Investigation," (with M. McKee).

**RESEARCH REPORTS:**

Environmental and Bio Diveristy Valuation In a Place-Based Ecological Risk Assessment (with O.L. Loucks, O.H. Ereksen, and D.S. McCollum) Submitted to the US Environmental Protection Agency, June 2004.

Understanding Experiments in Marketable Emissions Permits, (with T. Cason and M. Van Boening) submitted to the Energy Information Administration of the U.S. Department of Energy, June 1995.

Least Cost Transportation Planning in ODOT, Phase 2 Final Report (with A.M. Rufolo and E.L. Hillsman) for the Oregon Department of Transportation, June 1995

Methods for Incorporating Environmental and Health Risks into Army Project Evaluation, (with J. Kahn, S. Das, R. Lee, and A. Wolf), submitted to U.S. Army Construction and Engineering Research Laboratory, January 1994.

Methodologies for Estimating One-Time Hazardous Waste Generation for Capacity Assurance Planning, (with B. Tonn, H. Hwang, J. Peretz, R. Bohm, and B. Jendrucko), Waste Management Research and Education Institute, November, 1993.

Planning and Teamwork in Energy Emergencies, submitted to the Department of Energy Office of Energy Emergencies, September 1992.

Methods for Measuring Non-Use Values: A Contingent Valuation Study of Groundwater Clean-up, with G.H. McClelland, W.D. Schulze, J.K. Lazo, D. M. Waldman, J.K. Doyle and J.R. Irwin, USEPA Cooperative Agreement CR-815183, September, 1992.

Optimal Rationing: A Comparison of Priority Service and Proportional Curtailment, with J. Kruse Ben-David, W. D. Schulze, D. F. Spulber and M. Doane, February, 1990.

Reliability of the Contingent Valuation Method, with W.D. Schulze, G.H. McClelland, D.S. Schenk, J.R. Irwin, R.R. Boyce, T. Stewart, P. Slovic, S. Lichtenstein, L. Deck, and M. Thayer, USEPA Cooperative Agreement CR-812054, May, 1989.

An Evaluation of Strategies for Solving the Radon Problem, with J.K. Doyle, G.H. McClelland, P.A. Locke, G.W. Russell, and W.D. Schulze, USEPA Cooperative Agreement CR-813686, January, 1989.

Field and Laboratory Experiments on the Valuation of Visual Forest Damage From Ozone, with D.C. Peterson, R.D. Rowe, G.W. Russell, W.D. Schulze, and B. Hurd, USEPA Cooperative Agreement CR-812054, December, 1987.

#### **CONFERENCE PRESENTATIONS/PAPERS PRESENTED:**

- 2011- American Society of Engineering Education, Vancouver British Columbia CA, "A Multidisciplinary Energy Course" (with M. Bordmen, K. Dawisha and C.S. Chen), June
- 2006- Miami University, Oxford OH, "An Economic Perspective on Global Climate Change"
- 2003- Miami University, Oxford OH, "A Contingent Valuation Study of Stream Biodiversity in Ohio: Methods and Preliminary Results" (O.L. Loucks, O.H. Erikson, D.S. McCollum, and R. Bruins)
- Process Integration Modeling and Optimisation of Energy Saving and Pollution Reduction Conference, Hamilton Ont, "Sustainability: An Economic Perspective", October.
- McMaster University, Hamilton Ontario CA, "Linking Environmental Risk Assessment and Value: A Contingent Valuation Study of the Big Darby Creek" (with O.H. Erikson and O.L. Loucks), October.

- 2002- Bell Conference, Santa Barbara CA, Poster Session “Formation of Ecological, Economic and Social Value: Issue in Communication of Sustainability in a Watershed. (With O.H. Erekson and E. Maur), July  
Stanford University, Palo Alto CA, “The Impact of Landscape Development on Biotic Integrity: Linking Ecological Risk Assessment and Contingent Valuation” (with O.L. Loucks, O.H. Erekson, D.S. McCollum, M.M. Riley and R. Burins), June
- 2001- Ecological Society of America Annual Meeting, Madison WI, “Proximity Effects on Willingness to Pay for Protection of Biotic Integrity in a Central Ohio Stream,” (with O.L. Loucks and O.H. Erekson), August  
Integrating Economics and Ecological Assessment, Cincinnati OH, “Physical Framing of a Contingent Valuation Survey for Stream Biodiversity in Ohio,” (with O.L. Loucks, O.H. Erekson, D.S. McCollum, M.M. Riley and R. Burins), July  
Public Choice Society, San Antonio TX, “Understanding the Sunk Cost Effect: An Experimental Approach”, (with M. Curme), March  
Integrated Decision-Making for Watershed Management Symposium, Chevy Chase MD, “Physical Framing of a Contingent Valuation Survey for Risks to and Values of Stream Biodiversity in Central Ohio,” (with O.L. Loucks, O.H. Erekson, D.S. McCollum, M.M. Riley and R. Burins), January
- 2000- Economic Science Association, New York, NY. “Sunk Cost in Decisionmaking: An Experimental Approach (With M. Curme), June  
McMaster University, Hamilton Ontario CA, “Assurance Information: An Experimental Study” (with L. Davis and P. Joyce). March.
- 1999- University of Cincinnati, Cincinnati OH, "Experimental Examination of Circuit Breakers in Asset Markets" (with D. Johnson and P. Joyce).
- 1998- Miami University, Oxford, OH: "Assurance Information: An Experimental Study (with L. Davis and P. Joyce).  
Western Economic Association, Lake Tahoe CA: "Applying Strategic Behavior to Consumer Choice Theory" (with T. Merz).  
Economic Science Association, Tucson AZ “The Market for Assurance Services: An Experimental Study of the Purchase of Information " (with L. Davis and P. Joyce).  
“Asset Markets and Circuit Breakers” (with D. Johnson and P. Joyce)
- 1995- The Fifth Annual Conference of the International Association for the Study of Common Property, Bodo Norway, Strategic Manipulation of Pollution Permit Markets: An Experimental Approach Conference (with J. Brown-Kruse and R Godby, May.  
Western Economic Association, San Diego CA: "Experimentation and the Design of Emission Trading Markets."  
Public Choice Society, Long Beach CA: "Arbitrage in Experimental Markets for Emission Permits," (with T. Cason and M. Van Boening).
- 1994- University of Tennessee, Knoxville; "Exploring the Economist's Toolbox: Experimental Economics."
- 1993- Economic Science Association, Anaheim CA: "Strategic Manipulation in Pollution Permit Markets: An Experimental Approach," (with J. Brown-Kruse).  
Federal Forecaster's Conference, Washington D.C., "Experimental Economics: The Marketable Emission Analysis."

- 1992- Public Choice Society New Orleans LA: "Experimental Investigations Into Marketable Emissions Permits: Some Results and Question," (with J. Brown-Kruse and M. Cronshaw). Association for the Study of Common Property, Washington, D.C.: "Further Experimental Investigation Into Marketable Emissions Permits."  
Economic Science Association, Tucson AZ: "Further Experimental Investigation Into Marketable Emissions Permits," and discussant on session on experimental auctions
- 1991- Public Choice Society New Orleans LA: "Risk Taking in the Face of Multiple Risks: Issues in Collective Choice," (with M. McKee).  
Western Economics Association, Seattle WA; Discussant for session of "Economic Experiments in Markets".  
Economic Science Association, Tucson AZ: Discussant for session on "Experiments in Public Choice".  
McMaster University, Hamilton, Ontario Canada; "Optimal Rationing: A Comparison of Priority Service and Proportional Curtailment," (with J. Brown-Kruse, S. Ben-David, W. D. Schulze and D. F. Spulber).  
University of Tennessee, Knoxville; "Optimal Rationing: A Comparison of Priority Service and Proportional Curtailment," (with J. Brown-Kruse, S. Ben-David, W. D. Schulze and D. F. Spulber).
- 1990- Public Choice Society Tucson AZ: "Strategic Manipulation in Pollution Permit Markets: A Laboratory Approach," (with J. Brown-Kruse), and "Optimal Rationing: A Comparison of Priority Service and Proportional Curtailment," (with J. Brown-Kruse, S. Ben-David, W. D. Schulze and D. F. Spulber).  
Fifth International Conferences on the Foundations and Applications of Utility Risk, and Decision Theories, Durham NC: "Risk Perceptions and Risk Taking in the Presence of Multiple Risks" (With M. McKee).  
Economic Science Association Tucson AZ; "Optimal Rationing: A Comparison of Priority Service and Proportional Curtailment" (with J. Brown-Kruse, W. Schulze and S. Ben-David), and chaired session on market manipulation.  
Econometric Society Winter, Meeting, Washington, D.C.: "The Problem of Optimal Rationing: An Experimental Comparison of Curtailment Mechanisms" (with J. Brown-Kruse, W. Schulze and S. Ben-David), University of Colorado, Economics Department Working Paper No. 90-5.
- 1989- Economic Science Association, Tucson AZ: "OSHA Regulation: An Experimental Investigation of Decisions in the Presence of Many Risks", (with M. McKee).  
Association of Environmental and Resource Economist Winter Meetings, Atlanta GA: "Strategic Manipulation in Pollution Permit Markets: A Laboratory Approach", (with J. Brown-Kruse).



**Courses Taught:**

Mathematical Analysis (Business Calculus)  
Introduction to Business Decision Making  
Energy Policy  
Statistical Analysis  
Principles of Macroeconomics  
Principles of Microeconomics  
Intermediate Microeconomics  
Graduate Applied Microeconomics  
Environmental Economics  
Undergraduate Game Theory  
Undergraduate Econometrics  
Sustainable Perspectives for Resources and Business  
Policy and Administration of the Environment  
Energy Policy

*Teaching portfolio and evaluations available on request.*

**HONORS AND AWARDS**

2007: Named Fellow in the Miami University Institute for Environmental Science

**REFEREE/REVIEWER:**

*Futures*  
*American Economic Review*  
*Journal of Environmental Economics and Management*  
*Journal of Economic Behavior and Organization*  
*Growth and Change*  
*Contemporary Economic Policy*  
*Journal of Economics and Financial Education*  
National Science Foundation  
- Economics Program  
- Decision Risk and Management Science Program  
U.S. Environmental Protection Agency Grant Peer Review Panels (2001, 2002, 2004, 2005)  
Independent Expert Review Program, Energy Information Administration, Department of  
Energy

**PROFESSIONAL SOCIETY AFFILIATIONS:**

American Economic Association  
Econometric Society  
Association of Environmental and Resource Economists  
Economic Science Association  
American Society of Engineering Educators

**SERVICE AND ADMINISTRATION**

**a) Department**

*Position*

CDA 2011-present

*Committees*

Chair:

Undergraduate Studies 2011-present

Lecturer recruiting committee 2014

Member:

Assessment Committee 2011 to present

Undergraduate Studies Committee 2001-2005 2010-2011

Graduate Studies Committee 2005-2008

Tenure Guidelines Committee 2008-2009

Recruiting Committee 2005-2006, 2006-2007, 2012-2013

**b) Farmer School of Business**

Chair:

Undergraduate Studies 2010-2012, 2014 to present

Member:

Undergraduate Studies 2010-present

Committee of Advisors 2010-present

First-year Orientation 2005-present

Assessment 2006-2008

**c) University**

Chair:

Council for Undergraduate Curriculum 2009 to present

Member:

University Undergraduate Curriculum 2007-2009

Institute for Environmental Science/Institute for Environment and Sustainability Steering  
Committee 2006 to present

Environmental Council 2008-2010

Provost's Student Academic Achieve Award Selection Committee 2006 to present

Undergraduate Research Committee 2007-2009

Faculty Research Committee 2005-2008

Student Affairs Council 2005-present

Disciplinary Board 2008-present

**REFERENCES:**

James Brock

Bill R. Moekel Professor of Economics  
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Michael Curme

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