

CURRICULUM VITAE
RYAN C BOSWORTH
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Fields: Applied Econometrics, Environmental Economics, Natural Resource Economics, Energy Economics, Education Economics

Education:

- Ph.D., Economics, University of Oregon, 2006
 - Dissertation: *Demand for Environmental Health Policies*
- M.S., Economics, Utah State University, 2001
 - Thesis: *Economies of Scale in Wyoming Public Education*
- B.S., Economics, Utah State University, 2000

Employment

- Associate Professor, Department of Applied Economics, **Utah State University** (2015-present)
- Assistant Professor, Department of Applied Economics, **Utah State University** (2010-2015)
- Assistant Professor, School of Public and International Affairs, **North Carolina State University** (2006-2010)
- Graduate Teaching Fellow, Department of Economics, **University of Oregon** (2002-2006)

Peer-Reviewed Publications (*Graduate Students indicated with **)

1. Edwards, E. C., Bosworth, R., Baji, V., Burrows, A., Gerdes, C., Adams, P., & Jones, M. (2017). Economic Insight from Utah's Water Efficiency Supply Curve. *Water* 9(3)
2. Kim, M-K., A. Pang, W. Bao*, and R. Bosworth (2016) "Endogeneity in Casino Revenue and Crime Rates: The Case of Las Vegas, Nevada" *The Review of Regional Studies* 46(3): 223-236.
3. Gumirakiza, J. D.*, Curtis, K. R., & Bosworth, R. (2017) Consumer Preferences and Willingness to Pay for Bundled Fresh Produce Claims at Farmers' Markets, *Journal of Food Products Marketing*, 23(1), 61-79
4. Soltani-Sobh, A.*, Heaslip, K., Bosworth, R., and Barnes, R.*, (2016). CNG Vehicles: A Financially Viable Option?, *Transportation Research Record: Journal of the Transportation Research Board* (No. 2572).
5. Soltani-Sobh, A.*, Heaslip, K., Bosworth, R., Barnes, R.*, and Prestrude, C., (2015). The Future of Fuel Tax Revenue and GHG Emissions by Improved Fuel Efficiency, *Transportation Research Record: Journal of the Transportation Research Board* (No. 2502).
6. Bosworth, R., Cameron, T. A., & DeShazo, J. R. (2015). Willingness to pay for public health policies to treat illnesses. *Journal of Health Economics*, 39, 74-88.

7. Barnes, R.*, & Bosworth, R. (2015). LNG is linking regional natural gas markets: Evidence from the gravity model. *Energy Economics*, 47, 11-17.
8. Barnes, R.*, Bosworth, R. C., Bailey, D., and Curtis, K.R., (2014). Connecting Sensory Quality Characteristics and Willingness to Pay for Cheese at the Retail Level, *International Food and Agribusiness Management Review*, 17(3).
9. Gumirakiza, J. D.*, Curtis, K. R., & Bosworth, R. (2014). Who Attends Farmers' Markets and Why? Understanding Consumers and their Motivations. *International Food and Agribusiness Management Review*, 17(2), 65-82.
10. Bosworth, R. C., Bailey, D., & Curtis, K. R. (2015). Consumer Willingness to Pay for Local Designations: Brand Effects and Heterogeneity at the Retail Level. *Journal of Food Products Marketing*, 21(3), 274-292.
11. Bosworth, R. (2014). Class size, class composition, and the distribution of student achievement. *Education Economics*, 22 (2), 141-165.
12. Curtis, K.R., J.D. Gumirakiza*, and R. Bosworth, (2014). Consumer Preferences and Willingness to Pay for Multi-Labeled Produce at Farmers' Markets. *Journal of Food Distribution Research*, 45 (1), 14-20.
13. Dunn, J.*, A. Caplan, and R. Bosworth, (2014) Measuring the Values of Plastic and Reusable Grocery Bags *Journal of Environmental Economics and Policy*, DOI: 10.1080/21606544.2013.870052.
14. Bosworth, R., and H. Li*, (2013) Patterns in Student Assignment to Elementary School Classrooms, *Education Policy Analysis Archives*, 21 (51).
15. Bosworth, R. (2013). What Sort of School Sorts Students? *International Journal of Quantitative Research in Education*, 1(1), 20-38.
16. Bosworth, R., & Taylor, L. O. (2012). Hypothetical Bias in Choice Experiments: Is Cheap Talk Effective at Eliminating Bias on the Intensive and Extensive Margins of Choice? *The BE Journal of Economic Analysis & Policy*, 12 (1).
17. Bowles, T. J., & Bosworth, R. (2010). An Empirical Basis for Allocating Enterprise and Personal Goodwill. *Business Valuation Review*, 29 (1), 4-11.
18. Bosworth, R., Cameron, T. A., & DeShazo, J. R. (2010). Is an ounce of prevention worth a pound of cure? Comparing demand for public prevention and treatment policies. *Medical Decision Making*, 30 (4), E40-E56.
19. Bosworth, R., Cameron, T. A., & DeShazo, J. R. (2009). Demand for environmental policies to improve health: Evaluating community-level policy scenarios. *Journal of Environmental Economics and Management*, 57 (3), 293-308.
20. Bosworth, R., & Caliendo, F. (2007). Educational production and teacher preferences. *Economics of Education Review*, 26 (4), 487-500.
21. Bowles, T. J., & Bosworth, R. (2002). Scale economies in public education: Evidence from school level data. *Journal of Education Finance*, 285-299.

Manuscripts and Working Papers (*Graduate Students indicated with **)

1. Kim, M.K., Pang, A., Bao, W.*, and Bosworth, R., "Casino Revenue, Crime Rates, and Regional Economic Activity: Addressing Endogeneity in the Case of Las Vegas, Nevada".
2. Curtis, K.R., Gumirakiza, J.D.*, and Bosworth, R., "Consumer Preferences and Willingness to Pay for Bundled Fresh Produce Claims at Farmers' Markets".
3. Barnes, R.*, Bosworth, R., Heaslip, K., Soltani-Sobh, A.*, and Prestrud, C., "Under What Price Conditions Do CNG-Powered Passenger Vehicles Make Economic Sense?"

4. Barnes, R.*, Caplan, A. and Bosworth, R. “Heterogeneous Rebound Effects Due to Locational Choices and Distortionary Incentives from Employers”.
5. Soltani-Sobh, A.*, Heaslip, K., Bosworth, R., Barnes, R.*, Song, Z., and Prestrud, C., “Do Natural Gas Vehicles Change Vehicle Miles Traveled (VMT)? An Aggregate Time Series Analysis”.
6. Curtis, K.R., R. Bosworth, and M. Cowee, “Resident Perceptions and Willingness to Pay for Illegal Dumping Mitigation on Public Lands”, UAES Working Paper #8468
7. Soltani-Sobh, A.*, Heaslip, K., Bosworth, R., Barnes, R.*, and Prestrude, C., “Quantitative Evaluation of CNG Vehicle Ownership Patterns”.

Reports and Other Publications

1. Barnes, R., Bosworth, R., Heaslip, K., and Sobh, A.S., “Effects of Alternative Fuel Infrastructure on Key Transportation Economic Metrics”. Research Report to The State of Washington, Washington State Department of Transportation, 2014
2. Bailey, DeeVon, Ryan C. Bosworth, and Kynda Curtis. Utah Shopper Awareness of and Willingness to Pay for Utah’s Own Food Products: Phase II Report. Contract completion report to the Utah Department of Agriculture and Food, Department of Applied Economics, Utah State University. July 1, 2013.
3. Bailey, DeeVon, Ryan C. Bosworth, and Kynda Curtis. Utah Shopper Awareness of and Willingness to Pay for Utah’s Own Food Products: Phase I Report. Contract completion report to the Utah Department of Agriculture and Food, Department of Applied Economics, Utah State University. July 9, 2012
4. Barnes, R., Bosworth, R., Heaslip, K., and Sobh, A.S., “Effects of Alternative Fuel Infrastructure on Key Transportation Economic Metrics”. Interim Research Report to The State of Washington, Washington State Department of Transportation, 2013

Research Grants

- “Effects of Alternative Fuel Infrastructure on Key Transportation Economic Metrics”, Washington State Department of Transportation (with Kevin Heaslip), July 2011, (\$200,000), Co-PI.
- “The MPG Illusion, Preferences for Fuel Economy, and Vehicle Choice”, UAES Grant, May 2012, (\$16,014), PI

Conferences and Invited Presentations

2016

- Bradshaw, M., K. Curtis, R. Bosworth, and S. Slocum, “The Role of Food and Ag Tourism in the Western US.” Selected paper presented at the 2016 Annual Meeting of the Australian Agricultural and Resource Economics Society, Canberra, Australia, February 2016.

2015

- Barnes, R., Bosworth, R., and Heaslip, K., “The Cost-Effectiveness of Natural Gas Vehicles as a CO₂ Abatement Technology.” Accepted for Presentation at **Western Economic Association International** 90th Annual Conference, Honolulu HI, June 28-July 2.
- Barnes, R., Bosworth, R., Heaslip, K., Soltani Sobh, A., & Prestrud, C. “Under What Price Conditions Do CNG-Powered Passenger Vehicles Make Economic Sense?”,

Presentation at **Weber State University Department of Economics**, Ogden UT, January 2015.

- Soltani-Sobh, A.*, Heaslip, K., Bosworth, R., Barnes, R.*, and Prestrude, C., “The Future of Fuel Tax Revenue and GHG Emissions by Improved Fuel Efficiency”, Accepted for presentation at the **Transportation Research Board Annual Meeting**, Washington, DC, January 2015.

2014

- Barnes, R., Bosworth, R., Heaslip, K., Soltani Sobh, A., & Prestrud, C. “Under What Price Conditions Do CNG-Powered Passenger Vehicles Make Economic Sense?”, Presentation at the **Transportation Research Board Annual Meeting**, Washington, DC, January 2014.
- Barnes, Ryan N., Ryan C. Bosworth, DeeVon Bailey, and Kynda R. Curtis. “Connecting Sensory Quality Characteristics and Local Designations to Willingness to Pay for Cheese at the Retail Level.” Accepted for presentation at the **World Symposium of the International Food and Agribusiness Association**, Cape Town, South Africa. June 16, 2014.

2013

- Bailey, D., R. Bosworth, and K. Curtis. “Utah Shoppers’ Willingness to Pay for Utah’s Own Brand on Packaged Food Products.” Presented at the **Utah Council of Farmer Cooperatives Annual Meeting**, Alpine, UT, October 1, 2013.
- Curtis, K.R., R. Bosworth, and D. Bailey. “Local: A Designation that Pays.” Presented at the **Utah Farm Bureau Federation Annual Conference**, Layton, UT, November 22, 2013.
- Curtis, K.R., J. Gumirakiza, and R. Bosworth, “Consumer Preferences and Willingness to Pay for Multi-Labeled Produce at Farmers’ Markets.” Selected paper presented at the **Food Distribution Research Society Annual Meeting**, Chicago, IL, October 2013.
- “Using Sensory Evaluation Data to Understand Willingness to Pay for Locally Labeled Goods”, **Western Agricultural Economics Association** 2013 Annual Meetings, Paper Presentation, Monterey CA, June 26-28
- “CNG Vehicles, Energy Prices, and Transportation Metrics”, Invited Presentation to **Rocky Mountain Petroleum Accountants Society**, Salt Lake City, UT, March 20, 2013
- “Effects of Natural Gas Infrastructure on Key Transportation Economic Metrics” **Washington State Department of Transportation**, Olympia, WA, February 13, 2013

2012

- “Cheap Talk and Preference Elicitation for Divisible Public Goods” **Western Agricultural Economics Association** 2012 Annual Meetings, Paper Presentation, Park City UT, June 20-22.
- “What Sort of School Sorts Students?” **Western Economic Association International** 87th Annual Conference, Paper Presentation, San Francisco CA, June 29-July 3.
- “Measuring the Values of Plastic and Reusable Grocery Bags” **ENVS Department Seminar**, Utah State University, April 2, 2012

2011

- “Health Status and Preferences for Government Provision of Health Care Resources” **Western Economic Association International** 86th Annual

- Conference, Paper Presentation . Session title: “Health, Policy, and Addiction.” San Diego CA, July 2
- 2009**
- “Class Size, Class Composition, and the Distribution of Student Achievement” **Southern Economic Association** 79th Annual Meetings, Paper Presentation. Session Title: “Education, Outcomes, and Occupational Choice.”, San Antonio TX, November 23.
 - “Class Size, Class Composition, and the Distribution of Student Achievement” **Department of Applied Economics, Utah State University**, Logan UT (Invited Presentation)
 - **Center for Environmental and Resource Economic Policy**, North Carolina State University, Raleigh NC (Invited Presentation)
 - **Annual Meetings of the American Academy of Economic and Financial Experts**, Las Vegas, NV (Presentation by Co-Author Tyler Bowles)
- 2008**
- **Association of Public Policy Analysis and Management Annual Meetings**, Los Angeles CA (Presentation by Co-Author J.R. DeShazo)
- 2007**
- **Triangle Resource and Environmental Economics Workshop**, Raleigh NC (Presentation, Session Chair)
 - **13th International Symposium on Society & Resource Management**, Park City UT (Presentation)
- 2006**
- **Southern Economic Association**, Charleston SC (Presentation, Discussant, Session Chair)
 - **RTI International**, Raleigh NC (Presentation)
 - **Camp Resources**, Wilmington NC (Presentation)
 - **W1133 Meetings**, San Antonio TX (Presentation)
 - **University of Montana**, Department of Economics, Missoula MT (Presentation)
 - **University of Maryland-Baltimore County**, Department of Economics, Baltimore MD (Presentation)
 - **U.S. EPA**, Washington DC (Presentation)
 - **Virginia Tech**, Blacksburg VA (Presentation)
 - **North Carolina State University**, School of Public and International Affairs, Raleigh NC (Presentation)
- 2005**
- **Oregon Ad Hoc Workshop in Environmental and Resource Economics**. Willamette University, Salem OR (Presentation)
 - **8th Occasional California Workshop on Environmental and Resource Economics**. Santa Barbara, CA (Presentation)
 - **Utah State University**, Economics Department, Logan, UT (Presentation)
- 2001-2004**
- **Camp Resources**, Wilmington, NC (Presentation) (2004)
 - **Utah State University**, Economics Department, Logan, UT (Presentation) (2004)
 - **Western Agricultural Economics Association Annual Meetings**, Logan, UT (Presentation) (2001)
 - 40th Annual Meeting of the **Western Regional Science Association**, Palm Springs, CA (Presentation) (2001)

Teaching Experience

- Environmental and Natural Resource Economics (USU)
- Mathematical Economics (USU)
- Econometrics (USU, NSCU, U. of Oregon)
- Public Policy Analysis (NCSU)
- Benefit-Cost Analysis (NCSU)
- Environmental Policy Analysis (NCSU)
- Principles of Microeconomics (USU, NCSU)
- International Economics (USU)
- Labor Economics (U. of Oregon)

Graduate Student Committee Service

Student	Degree	Graduation	Department	Role
Daniel Brilliant	M.S.	Fall 2011	Econ. & Fin.	Outside Member
Steven Thompson	M.S.	Fall 2011	Econ. & Fin.	Outside Member
Hao Li	M.S.	Spring 2012	APEC	Member
Jarod Dunn	M.S.	Spring 2012	APEC	Member
Timothy Harris	M.S.	Summer 2012	Econ. & Fin.	Outside Member
Christopher Anazia	M.S.	Fall 2012	APEC	Chair
Jean Gumirakiza	Ph.D.	Spring 2013	APEC	Member
Dayton Crites	M.S.	Spring 2013	LAEP	Outside Member
Justin Perry	M.S.	Spring 2013	APEC	Member
Ian Simmons	M.S.	Spring 2013	Econ. & Fin.	Outside Member
Elliot Anderson	M.S.	Spring 2013	APEC	Member
Ryan Barnes	Ph.D.	Spring 2016	APEC	Chair
Carlos Silva	M.S.	Fall 2013	APEC	Member
Michael Clagg	M.S.	Summer 2013	Econ. & Fin.	Outside Member
Wei Bao	M.S.	Spring 2013	APEC	Member
Ali Sobh	Ph.D.	Spring 2015	Civil & Env. Eng.	Outside Member
Adagel Navarro	M.S.	Fall 2014	APEC	Member
Elliot Dennis	M.S.	Fall 2014	APEC	Member
Hilary Whitcomb	Ph.D.	Spring 2016	Env. & Society	Outside Member
Leo Moscardini	M.S.	Fall 2014	APEC	Member
Yamil Hedeman	M.S.	Spring 2014	APEC	Member
Merlym Ramirez	M.S.	Spring 2014	APEC	Member

Awards, Honors, Fellowships, and Affiliations

- **Teacher of the Year**, College of Agriculture and Applied Sciences, Utah State University, 2014-2015
- **Faculty Affiliate, Center for Society, Economy, and the Environment**, Utah State University, 2014
- **Faculty Fellow, Center for Persons with Disabilities**, Utah State University, 2014
- **Faculty Affiliate, Center for Environmental and Resource Economic Policy**, North Carolina State University, (2008-2012)
- **Joseph L. Fisher Dissertation Fellowship**, Resources for the Future, 2005-2006
- **Kleinsorge Fellowship**, Department of Economics, University of Oregon, 2001-2002, Summer 2005
- **Graduate Teaching Fellowship**, Department of Economics, University of Oregon, (2001-2006)
- **Robins Awards Finalist: Graduate Teaching Assistant of the Year**, Utah State University, 2001

Service Activities

- Search Committee Chair, Department of Applied Economics (2015-2016)
- Department of Applied Economics Undergraduate Committee (2011-current)
- Faculty Advisor: USU Environmental and Natural Resource Economics Club (2012-current)
- Department of Applied Economics Search Committee for Natural Resources Position (2013-2014)

- Department of Applied Economics Econometrics Working Group Committee (2012-2013)
- Department of Applied Economics Curriculum Development Committee (2011-2012)
- Industrial Extension Service of North Carolina State University: Economic Impact Study (Consultant)
- Wake County Public Schools Evaluation and Research Department: Training in Benefit-Cost Analysis and Cost-Effectiveness Analysis
- Wake County Public School Evaluation and Research Department: Statistical and Cost Effectiveness Analysis of the Helping Hands program

Professional Activities

REFEREE:

- *Journal of Benefit-Cost Analysis*
- *Journal of Forest Economics*
- *Ecological Economics*
- *American Educational Research Journal*
- *Journal of Policy Analysis and Management*
- *Journal of Economic Education*
- *Economics of Education Review*
- *Journal of Environmental Economics and Management*
- *Journal of Environment and Development*
- *Education Economics*
- *Journal of Educational Administration and Policy Studies*
- *Medical Decision Making*
- *Australian Journal of Agricultural and Resource Economics*
- *Economic Inquiry*
- *Education Policy Analysis Archives*