

Daniel A. Brent

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EDUCATION

Ph.D. in Economics, University of Washington	2013
M.S. Economics, University of Washington	2010
B.S. Economics & Political Science, University of Pittsburgh	2006

RESEARCH INTERESTS

Primary: environmental economics, water resource economics, applied econometrics
Secondary: experimental economics, energy economics, transportation, policy evaluation

ACADEMIC EMPLOYMENT

Assistant Professor, Department of Agricultural Economics, Sociology & Education, Pennsylvania State University	2018 - Present
Assistant Professor, Department of Economics, Louisiana State University	2015 - 2018
Research Fellow, Department of Economics, Monash University	2013 - 2015

JOURNAL ARTICLES

- Brent, D. A. and Ward, M.B. "Energy Efficiency and Financial Literacy" *Journal of Environmental Economics & Management*, 2018, 90, 181-216
- Beland, L. P. and Brent, D. A., "Traffic & Crime", *Journal of Public Economics*, 2018, 160, 96-114.
media coverage: [The Conversation](#); [Scientific American](#); [Salon](#); [KCRW LA \(NPR\)](#); [BBC 5 Live](#)
- Brent, D. A. and A. Gross, "Dynamic Road Pricing and the Value of Time and Reliability", *Journal of Regional Science*, 2018 58(2) 330-349.
media coverage: [Atlantic Cities](#); [Sightline Daily](#)
- Brent, D. A., L. Gangadharan, A. Lassiter, A. Leroux, and P. A. Raschky, "Valuing Environmental Services Provided by Stormwater Management," *Water Resources Research*, 2017, 53(6) 4709-4721.
- Brent, D. A., L. Friesen, L. Gangadharan, and A. Leibbrandt, "Behavioral Insights from Field Experiments in Environmental Economics," *International Review of Environmental and Resource Economics*, 2017, 10 (2), 95-143.
- Brent, D. A., "The Value of Heterogeneous Water Rights And the Costs of Water Volatility," *American Journal of Agricultural Economics*, 2016, 99 (1), 73-102.
- Brent, D. A., J. H. Cook and S. Olsen, "Social Comparisons, Household Water Use, and Participation in Utility Conservation Programs: Evidence from Three Randomized Trials," *Journal of the Association of Environmental and Resource Economists*, 2015; 2(4), 597-627.
- Brent, D. and S. Rabotyagov, "Land Use Change from Biofuels Derived from Forest Residue: A Case of Washington State," *Economics Research International*, Vol. 2013, 2013.

WORKING PAPERS available at: www.danielbrent.com

- Taxes, redistribution and observability in social dilemmas (with Lata Ganghadaran, Anca Mihut, & Marie Clair Villeal; R&R Journal of Public Economic Theory)
- Eliciting Preferences for Intrinsically Risky Attributes (with Zack Dorner & Anke Leroux; R&R Land Economics)
- Estimating Water Demand at the Intensive and Extensive Margin (under review)
- Traffic Congestion, Transportation Policies, and the Performance of First Responders (with Louis-Philippe Beland; under review)
- Are Behavioral Nudges Moral Taxes? Evidence from a Field Experiment on Water Conservation (with Joseph Cook, Corey Lott, Kim Rollins, Shawn Stoddard, & Michael Taylor; under review)
- Putting Your Money Where Your Mouth Is (with Lata Gangadharan, Anke Leroux, & Paul A. Raschky; in preparation)
- The Geography of Civic Crowdfunding: Implications for Social Equity and Donor-Project Dynamics (with Katie Lorah; in preparation)
- Price Perceptions in Water Demand (with Michael Ward; in preparation)

REPORTS & OTHER PUBLICATIONS

- Daniel A. Brent, 2015, Review of “Living with Water Scarcity” by David Zetland, *Water Economics & Policy*, 01, 1580003 (2015) [4 pages] DOI: 10.1142/S2382624X1580003X
- Brent, D.A., Leibbrandt, A., Smith, L.D.G., 2014, Economic incentives for managing peak electricity demand: review, options and context analysis, Melbourne, Australia, pp. 1-38.
- Yoder, Jonathan, Jennifer Adam, Michael Brady, Joseph Cook, Stephen Katz, Daniel Brent, Shane Johnston, Keyvan Malek, John McMillan, and Qingqing Yang. 2014. Benefit-Cost Analysis of the Yakima Basin Integrated Plan Projects. State of Washington Water Research Center. December. Available at <https://swwrc.wsu.edu/2014ybip> pp. 1-196.

TEACHING EXPERIENCE

Pennsylvania State University: Economic Principles of Agribusiness Management

Louisiana State University: Environmental Economics; Intermediate Microeconomic Theory; Principles of Microeconomics

University of Washington: Intermediate Microeconomics; Introductory Microeconomics

Advising

Reiss McLeod - Monash Honors	2014
Noah Seigel - University of Washington Honors	2012-2013
Evan Sadler - University of Washington Honors	2012-2013

GRANTS AND AWARDS

“Adaptive Economic Management of Urban Water”, (Subaward with Michael Ward (PI)), *Australian Research Council & Monash University*, 80,868 USD, 2018

“A global subnational assessment of the relationship between economic development and environmental quality”, (PI, with Paul Raschky and Roland Hodler), *Monash Development and Sustainability Research*, 20,000 AUD, 2017-2018

“Economics of Urban Water Management”, (Subaward with Lata Gangadharan (PI), Anke Leroux, and Paul Raschky), *Cooperative Research Centre for Water Sensitive Cities & Monash University*, 77,338 AUD, 2016

“Evaluating Truckee Meadows Water Authority’s Conservation Messaging, Co-Investigator (with Kim Rollins (PI), Shawn Stoddard, Michael Taylor, Joseph Cook, and Corey Lott), *Truckee Meadows Water Authority*, \$69,002, 2015-2016.

Grover and Creta Ensley Fellowship, University of Washington, 2013

CEESP Predoctoral Fellow, Arizona State University, 2012

Graduate Teaching Award, University of Washington, 2011

PRESENTATIONS

2018 University of Pennsylvania Green Infrastructure Symposium | Northeastern Agricultural and Resource Economics Annual Meeting | Inaugural JEEM Conference | World Congress of Environmental and Resource Economists

2017 Allied Social Science Association Annual Meeting (ASSA) | San Diego Water and Energy Workshop | Strata Environmental Policy Workshop | Association of Environmental and Resource Economists Summer Conference (AERE) | Pennsylvania State University | North American Meetings of the Regional Science Association International |

2016 Association of Public Policy and Management Research Conference (APPAM) | Southern Economic Association Annual Meeting (SEA) | Center for Natural Resource Economics and Policy | Association of Environmental and Resource Economists Summer Conference (AERE)

2015 Southern Economic Association Annual Meeting (SEA) | Louisiana State University | University of Illinois | Federal Trade Commission | Food and Drug Administration | Arizona State University Water Demand Workshop

2014 CRC for Water Sensitive Cities Conference | Office of Living Victoria | Resources for the Future | Rand Corporation | International Water Resource Economics Consortium | World Congress of Environmental and Resource Economists

2013 Monash Behavioural & Experimental Economics Conference | Monash Centre for Development Economics and Sustainability Workshop | Water Recycling Centre of Excellence | Agricultural and Applied Economics Association Annual Meeting (AAEA) | Western Economic Association International Conference (WEAI) | Association of Environmental and Resource Economists Summer Conference (AERE) | Arizona State University; Water Demand Workshop

2012 University of Illinois Heartland Environmental and Resource Economics Conference | Camp Resources | National Bureau of Economic Research Summer Institute (NBER) | Association of Environmental and Resource Economists Summer Conference (AERE) | University of Arizona Energy & Environmental Policy Workshop

PROFESSIONAL EXPERIENCE

Private Consulting

Yakima Basin Integrated Plan 2014

Project: Benefits to agricultural sector

SP Ausnet & BehaviourWorks Australia 2014

Project: Incentives for reducing critical peak electricity demand

City of Phoenix Water Services Department 2013

Project: Using satellite data to classify landscape for residential water demand

Research Associate, Sergey Rabotyagov - UW SEFS Sep 2011 - Sep 2013
(Seattle, WA)

Research Assistant, Hendrik Wolff - UW Economics Summer 2011
(Seattle, WA)

Campus Coordinator, Food & Water Watch Apr 2009 - Dec 2010
(Seattle, WA)

Survey Statistician United States Department of Energy
(Washington, D.C. - time was split between contractor and federal employee)

Jan 2007 - Aug 2008

PROFESSIONAL ASSOCIATIONS

American Economic Association (AEA); Association of Environmental and Resource Economists (AERE);
Agricultural and Applied Economics Association (AAEA); Urban Economics Association (UEA)

REFEREE

American Economic Journal: Economic Policy; Agricultural Economics; American Journal of Agricultural Economics; Ecological Economics; Economic Inquiry; Environmental and Resource Economics; Journal of the Association of Environmental and Resource Economists; Journal of Economic Behavior and Organization; Journal of Environmental Economics and Management; Journal of Policy Analysis and Management; Journal of Regional Science; Water Resources and Economics; Water Resources Research; Journal of the American Water Resources Association; Weather, Climate, and Society