

Joel R. Landry

Contact Information:

John and Willie Leone Family Department of Energy
and Mineral Engineering
The Pennsylvania State University
124 Hosler Building
University Park, PA, 16802-5000

Phone: (814) 865-9136
Alternate: (217) 341-6800
Fax: (814) 865-3248
Email: joelrlandry@psu.edu
Web: www.joelrlandry.com
Office: 124 Hosler Building

EMPLOYMENT HISTORY

Assistant Professor of Environmental and Energy Economics (July 2014 to present)

John and Willie Leone Family Department of Energy and Mineral Engineering
The Pennsylvania State University, University Park

EDUCATION

Cornell University, Charles H. Dyson School of Applied Economics and Management, PhD. in Economics and Computer Science minor. June 2014.

University of Maryland at College Park, School of Public Policy, M.S. in Public Policy. June 2007.

Southern Illinois University at Carbondale (*magna cum laude*), B.A. in Economics, B.A. in Political Science, and Philosophy minor. December 2003.

PERSONAL INFORMATION

Year of Birth: 1981 Gender: Male Citizenship: U.S.

RESEARCH FIELDS

Primary Field: Environmental and Energy Economics

Secondary Fields: Public Finance, Political Economy

RESEARCH PAPERS

Publications

Are there Carbon Savings from US Biofuel Policies? The Critical Importance of Accounting for Leakage in Land and Fuel Markets (with Antonio M. Bento and Richard Klotz). *The Energy Journal*, 2015, 36(3): 75-109.

Does Titling Matter? Evidence from Housing Markets in India (with Antonio M. Bento and Soumik Lall). *Review of Regional Studies*, forthcoming, November 2018.

On the Trade-Offs of Regulating Multiple Unpriced Externalities with a Single Instrument: Evidence from Biofuel Policies (with Antonio M. Bento). *Energy Policy*, revisions requested.

Papers Under Review

Think Globally, Cap Locally, and Trade Often: The Critical Importance of Virtual Markets for Efficient Decentralized Policymaking in the Presence of Spillovers.

Economic Insights Required for Using Lifecycle Analysis for Policy Decisions (with Richard Klotz and Antonio M. Bento).

Working Papers

How Disagreement Regarding Climate Change Affects Federal and State Efforts to Address It.

Understanding the Relative Importance of Damage Internalization, Spillover, and Terms of Trade Distortions in Decentralized Efforts to Address Climate Change.

Who's Ready to Trade? The Welfare Implications of Voluntary Emissions Trading Within Regional Electricity Markets (with An Pham).

Should e-Cigarettes be Taxed Like Conventional Cigarettes? (with Kyle Rozema).

Works in Progress

Linking Housing and Automobile Purchase Decisions: Do Housing Supply Regulations Promote Green Cities? (with Antonio M. Bento, Sanket Roy, and Edson Severnini).

Solar Production Growth and Grid Network Externalities in California (with Andrew R. Waxman).

A Political Economy Analysis of the Best System of Emissions Reductions Under the Clean Power Plan (with Joseph M. Perla).

How Does the Medium and Heavy-Duty Vehicle Fleet Respond to Fuel Prices? Implications for the Phase 1 and 2 Medium and Heavy Duty Vehicle Standards.

TEACHING EXPERIENCE

Applied Welfare Economics (EME 525), instructor. Spring 2016, 2017, and 2018

Energy Economics (EBF 484), instructor. Fall 2015, 2016, and Spring 2018

Introduction to Environmental and Energy Economics (EBF 200), instructor. Spring 2015, 2016, Fall 2017, 2018

Applied Microeconomics I (PhD course, Cornell University, AEM 7010) for Prof. Richard Boisvert and Prof. Jura Liaukonyte Fall 2012 and 2013

Introductory Statistics and Mathematics for PhD Students (PhD course, Cornell University, AEM 6940) for Prof. Richard Boisvert and Prof. David Just Fall 2012

Environmental Economics (undergraduate course, Cornell University, AEM 4510/ECON 4090) for Prof. Shanjun Li Spring 2012-2014

Consumer Behavior (undergraduate course, Cornell University, AEM 3440) for Prof. Brian Wansink Fall 2011

International Trade and Public Finance Macroeconomics (undergraduate course, Cornell University, AEM 2300 / ECON 2300) for Prof. David R. Lee Spring 2010

Statistics for Policy Analysis (graduate course, University of Maryland, PUA 611) for Prof. Antonio M. Bento Spring 2007

TEACHING SERVICE

Joseph Perla, Ph. D. Co-advisor.	Current
An Pham, Ph. D. Advisor.	Current
Jung-wei Hung, Master. Advisor.	Summer 2016
Brayam Valqui Ordonez, Master. Advisor.	Spring 2016
Undergraduate service: adviser to 70+ students	2014-current

RESEARCH ASSISTANCE

RA for Prof. Antonio M. Bento, Applied Economics and Management, Cornell University Fall 2007 – Fall 2010

RA for Prof. Antonio M. Bento, School of Public Policy, University of Maryland, College Park and National Center for Smart Growth Research and Education Fall 2004 – Fall 2006

TEACHING AWARDS

Outstanding Graduate Teaching Assistant, College of Agricultural and Life Sciences, Cornell University Spring 2010

FUNDING

Penn State College of Earth and Mineral Sciences Research Incentive Funds. PI. "Can Decentralized Mitigation Under the Paris Agreement Keep Mean Global Temperature Rise Below 2°C?" FY2018-2019. (awarded \$5,000; award accepted).

Somerset Coal International. Co-PI. "Scale and Location Economies of a Novel Coal to Liquids Process in Pennsylvania." FY2017-2018. (awarded \$130,684; award accepted).

Population Research Institute Spring 2016 Seed Grant Program. PI. "Evaluating the Aggregate Public Health Impacts of New Information Campaigns Targeting e-Cigarettes" FY2016-2017. \$10,000 (awarded \$9,500; award accepted).

College of Earth and Mineral Sciences Gladys Snyder Grant Program. PI. "What are the Economic and Emissions Impacts of New Climate Regulations on Big Trucks?" FY2016-2017. \$10,000 (awarded \$10,000; award accepted).

Energy Institute Grant Program. Co-PI. "The New Cooperative Federalism of the Clean Power Plan: How Greater Flexibility in State Policy Choices Affects Efficiency Costs and Wholesale Electricity Markets." FY2016-2017. \$10,000 (awarded \$10,000; award accepted).

Population Research Institute Fall 2015 Seed Grant Program. PI. "Should e-cigarettes be Regulated Like Conventional Cigarettes? Evaluating the Economic and Public Health Costs of Optimal e-Cigarette Regulation." FY2016-2017. \$10,000 (awarded \$500; award declined).

PRESENTATIONS

Sustainability in Energy and Mineral Resources Engineering: an EME Research Showcase. University Park, PA, September 2018. "Making Sense of Uncoordinated Efforts to Address Climate Change." [Invited speaker].

10th International Workshop on Empirical Methods in Energy Economics, University of Southern California, Los Angeles CA, June 2017. "Who's Ready to Trade? The Welfare Implications of Voluntary Emissions Trading Within Regional Electricity Markets."

Western Economics Association International Conference, Santiago, Chile, January 2017. "Who's Ready to Trade? The Welfare Implications of Voluntary Emissions Trading Within Regional Electricity Markets." [Invited speaker].

PJM, King of Prussia Park, PA, December 2016. "The Challenge of Uncoordinated State Environmental Regulations Within Regional Electricity Markets."

National Tax Association, Annual Conference on Taxation, Baltimore, MD, November 2016. "Should We Tax or Subsidize e-Cigarettes? Identifying the Optimal Price Instrument in the Presence of Dynamic Health Trade-offs."

Conference on Climate, Carbon and Costs, Society of Petroleum Engineers Penn State and Society of Mining Engineers Penn State. University Park, PA, October 2016. "Making Sense of U.S. Efforts to Address Anthropogenic Climate Change." [Invited speaker].

Initiative for Sustainable Electric Power Systems, Workshop on Power Systems and Markets, University Park, PA, November 2015. "Overlapping Regulatory Authorities: Strategic State Compliance With the Clean Power Plan Within Wholesale Electricity Markets."

Association of Environmental and Resource Economists 2015 Summer Conference, June 2015. "Linking Housing and Automobile Purchase Decisions: Do Housing Supply Regulations Promote Green Cities?"

International Association for Energy Economics 38th International Conference, May 2015. "Economic Insights Required for Using Lifecycle Analysis for Policy Decisions."

The Pennsylvania State University, October 2014. "Economic Insights Required for Using Lifecycle Analysis for Policy Decisions."

Cornell University, August 2014. "Taxed to an Untimely Demise: the Promise and Peril of Using Pigouvian Taxes to Finance Highways."

Towson University, February 2014. "How Disagreement Regarding Climate Change Affects Federal and State Efforts to Address It."

Hong Kong University of Science and Technology, February 2014. "How Disagreement Regarding Climate Change Affects Federal and State Efforts to Address It."

University of Illinois, Urbana-Champaign, January 2014. "How Disagreement Regarding Climate Change Affects Federal and State Efforts to Address It."

The New Economic School, January 2014. "How Disagreement Regarding Climate Change Affects Federal and State Efforts to Address It."

University of Alberta, January 2014. "How Disagreement Regarding Climate Change Affects Federal and State Efforts to Address It."

The Pennsylvania State University, January 2014. "How Disagreement Regarding Climate Change Affects Federal and State Efforts to Address It."

Allied Social Sciences Association 2014, January 2014. "How Disagreement Regarding Climate Change Affects Federal and State Efforts to Address It."

Cornell University Environmental Economics Bootcamp, August 2013. "On the Trade-Offs of Regulating Multiple Unpriced Externalities with a Single Instrument: Evidence from Biofuel Policies."

Association of Environmental and Resource Economists 2012 Summer Conference, June 2012. "The Tyranny of Heterogeneity: The Implications for Federal Policy-making to Address Climate Change in the Presence of Heterogeneity in Environmental Preferences."

Western Economics Association International 2011 Annual Conference, July 2011. "Are there Carbon Savings from US Biofuel Policies? The Critical Importance of Accounting for Leakage in Land and Fuel Markets."

Agricultural and Applied Economics Association 2011 Annual Conference, July 2011. "Are there Carbon Savings from US Biofuel Policies? The Critical Importance of Accounting for Leakage in Land and Fuel Markets."

Second International Conference on Computational Sustainability, May 2010. "Parameter Estimation of CGE Models for Evaluating US Biofuels Policies." (poster)

Occasional California Workshop in Environmental and Resource Economics, November 2009. "Evaluating the Efficiency Impacts of US Biofuels Policies."

Heartland Environmental Economics Workshop, October 2009. "Evaluating the Efficiency Impacts of US Biofuels Policies." (co-presenter with Prof. Antonio M. Bento)

University of Colorado Boulder Environmental Economics Workshop, September 2009. "Evaluating the Efficiency Impacts of US Biofuels Policies." (co-presenter with Prof. Antonio M. Bento)

Camp Resources XIV, August 2009. "Evaluating the Efficiency Impacts of US Biofuels Policies."

Boyce Thompson Institute, Cornell University, December 2007. "Welfare Evaluation of the Volumetric Ethanol Excise Tax Credit, with Implications for NY State Policy."

MEMBERSHIP AFFILIATIONS

American Economic Association

Association of Environmental and Resource Economists

International Association for Energy Economics

Agricultural and Applied Economics Association

National Tax Association

REFeree SERVICE

Journal of the Association of Environmental and Resource Economists, Energy Journal, American Journal of Agricultural Economics, Nature Climate Change, Resource and Energy Economics, Canadian Journal of Economics, Network and Spatial Economics, Agriculture and Resource Economics, Research in Law and Economics, Environmental and Resource Economics.

Conference reviewer, American Association of Environmental and Resource Economics, 2017 Annual Conference.

PROFESSIONAL EXPERIENCE

Development Economics Research Group, World Bank, Consultant

2005 to 2006

OTHER

Programming: Stata, Matlab, ArcMap

Languages: French (reading proficiency).

REFERENCES

Prof. Antonio M. Bento (Committee Chair)
Charles H. Dyson School of Applied Economics and
Management and Graduate Field of Economics
(607) 255-0626
amb396@cornell.edu

Prof. Stephen Coate
Department of Economics
(607) 255-1912
sc163@cornell.edu

Prof. Ravi Kanbur
Charles H. Dyson School of Applied Economics and
Management and Department of Economics
(607) 255-7966
sk145@cornell.edu