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ACADEMIC EXPERIENCE

- 2005-present HARVARD KENNEDY SCHOOL, HARVARD UNIVERSITY, CAMBRIDGE, MA.
Associate Professor (untenured, 2010-present), Assistant Professor (2005-2009)
- Harvard Environmental Economics Program, Faculty Fellow (2005-present)
Regulatory Policy Program, Faculty Chair (2006-2009)
Harvard University Center for the Environment, Faculty Associate (2007-present)
Harvard Lab for Economic Applications and Policy, member (2009-present)
National Bureau of Economic Research, Faculty Research Fellow (2010-present)
- Spring 2010 COLUMBIA UNIVERSITY, NEW YORK, NY
Visiting Scholar

Primary Fields: Energy, Environment, Public Finance, Industrial Organization

EDUCATION

- 2000-2005 MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MA.
Ph.D., Economics. Fields: Industrial Organization and Micro Theory
- 1993-1997 WILLIAMS COLLEGE, WILLIAMSTOWN, MA.
B.A., Mathematics and Economics. *magna cum laude, Honors in mathematics.*

REFERENCES

Robert Stavins
Albert Pratt Professor of Business and
Government
Harvard Kennedy School
Robert_Stavins@harvard.edu
617-495-1820

Severin Borenstein
E.T. Grether Professor of Business
Administration and Public Policy
Haas School of Business, UC – Berkeley
borenste@haas.berkeley.edu
510-642-3689

Michael Greenstone
3M Professor of Environmental Economics
Massachusetts Institute of Technology
Department of Economics
mgreenst@mit.edu
617-452-4127

REFEREED PUBLICATIONS

“Heuristic Strategies, Firm Behavior and Industry Information” (with Cynthia Lin) *Journal of Economic Behavior and Organization*, 86: 1, p. 10-23, February 2013.

“Tax Incidence and Supply Conditions” (with Justin Marion), *Journal of Public Economics*, 95, p. 1202-1212. October 2011.

“Giving Green to Get Green: Incentives and Consumer Adoption of Hybrid Vehicle Technology.” (with Kelly Gallagher), *Journal of Environmental Economics and Management*, 61, p. 1-15. January 2011.

“Do Americans Consume Too Little Natural Gas? An Empirical Test of Marginal Cost Pricing” (with Lucas Davis), *Rand Journal of Economics*, 41, p. 791-810. Winter 2010.

“Edgeworth Cycles Revisited” (with Joseph Doyle and Krislert Samphantharak). *Energy Economics*, 32, p. 651-660. May 2010.

“Crossing the Line: The Effect of Cross-Border Cigarette Sales on State Excise Tax Revenues” (with Lesley Chiou), *BE Journal – Economic Analysis and Policy (Contributions)*, 8:1. Article 48. December 2008.

“Measuring Illegal Activity and the Effects of Regulatory Innovation: Tax Evasion and the Dyeing of Untaxed Diesel” (with Justin Marion). *Journal of Political Economy*, 116:4, p. 633-666, August 2008.

“Infinite Ergodic Index Z^d Actions in Infinite Measure” (with B. Narasimhan, A. Raich, C. Silva, M. Touloumtzis, and W. Zhao). *Colloquium Mathematicum*, vol. 82, No. 2 (1999), 167-190.

“Lightly Mixing on Dense Algebras” with (A. Raich, C. Silva and W. Zhao). *Real Analysis Exchange*, Vol. 23, No. 1, (1998), 259-266.

NON-REFEREED PUBLICATIONS

Commentary on Dealing with Expropriations: General Guidelines for Oil Contracts, “The Natural Resources Trap: Private Investment without Public Commitment” MIT Press, 2011.

WORKING PAPERS

“Consumer Learning and Hybrid Vehicle Adoption” (with Garth Heutel) *resubmitted*

“Consumer Response to Cigarette Excise Tax Changes” (with Lesley Chiou) *under revision*

April 2013

“Gasoline Taxes and Consumer Behavior” (with Shanjun Li and Joshua Linn) *revision requested*

“Gasoline Price Spikes and Regional Gasoline Content Regulations: A Structural Approach.” KSG Working Paper Number RWP06-015.

“Market Effects of Regulatory Heterogeneity: A Study of Regional Gasoline Content,” KSG Working Paper Number RWP06-021. June 2006.

“Endogenous Facility Reliability: Evidence from Oil Refinery Fires” March 2005.

WORK IN PROGRESS

Do the Laws of Tax Incidence Hold? Point of Collection and the Pass-through of State Diesel Taxes (with Justin Marion, Joel Slemrod and Wojciech Kopczuk)

Economic and Non-economic Motivations for Crime

Weather and Attitudes about Global Warming (with Evan Herrnstadt)

Layoffs and Social Networks: Evidence from Cell Phone Data (with Marta Gonzalez, Danny Shoag and Jameson Toole)

Cell Phones and Vehicle Safety (with Danny Shoag)

Impact of Weather and Pollution on Consumer Behavior (with Danny Shoag and Jameson Toole)

HONORS, FELLOWSHIPS, AND GRANTS

2012	Taubman Center for State and Local Government Research Grant (\$15,000)
2012	New England University Transportation Center Research Grant, “Cell Phones and Vehicle Safety”, co-PI (\$193,458)
2011	Taubman Center for State and Local Government Research Grant (\$15,000)
2011	Energy Technology and Innovation Project Grant, “Cell Phones and Vehicle Safety” (\$32,822)
2010	Energy Technology and Innovation Project Grant, “Gasoline Taxes and Consumer Behavior.” (\$59,243)
2007	Joint Grant from KSG Center for Business and Government and KSG Energy Technology Innovation Project, “Incentives for Hybrid Vehicles.” (\$28,635)

- 2006 KSG Dean's Research Fund (\$5,000)
- 2002 Fellowship, MIT Center for Energy and Environmental Policy Research.
- 2000-2003 National Science Foundation Graduate Research Fellowship

TEACHING EXPERIENCE

Harvard Kennedy School:

BGP-200: Strategy, Competition and Regulation (2008-present)

API-105A: Markets and Market Failure with Cases (2008)

API-201: Quantitative Analysis and Empirical Methods (2005 - 2008, 2011-present).

- Dean's Award for Teaching (2006, 2007, 2008)

Massachusetts Institute of Technology:

14.271: Industrial Organization (2004, 2005) – TA

14.32: Econometrics (2005) – TA

15.024 Applied Economics for Managers (2004) – TA

14.01: Microeconomics (2004) – TA

OTHER EXPERIENCE

2001-2002 Research Assistant, Professor Paul Joskow.

1997-present CompassLexecon, Cambridge, MA

Analyst (1997-1998), Senior Analyst (1998-2000), Consultant (2000-2005),

Academic Affiliate (2005-present)

INVITED PRESENTATIONS (SINCE 2005)

2012 Yale, UC Santa Barbara, ASSA meetings.

2011 ASSA meetings, Stanford, Northwestern, UC Davis, U-Maryland AREC, UC Berkeley Energy Camp

2010 Columbia, Duke, International Industrial Organization Conference.

2009 Yale, Columbia Business School, Harvard, Columbia.

2008 American Economics Association Meetings, Boston University, International Industrial Organization Conference, Harvard (2), MIT, Brandeis, NBER Summer Institute – Economics of Taxation, NBER Summer Institute – Environmental and Energy Economics.

2007 Federal Reserve, Tufts, International Industrial Organization Conference, UC Berkeley, Yale.

- 2006 Harvard, International Industrial Organization Conference, Yale SOM, Federal Trade Commission, UC Berkeley.
- 2005 Harvard, Cornell, USC, UC Irvine, Northeastern, Department of Justice, Federal Trade Commission.

PROFESSIONAL SERVICE

Referee for *American Economic Review*, *Quarterly Journal of Economics*, *Journal of Political Economy*, *Review of Economics and Statistics*, *AEJ: Microeconomics*, *AEJ: Economic Policy*, *AEJ: Applied Economics*, *Journal of Public Economics*, *RAND Journal of Economics*, *Journal of Environmental Economics and Management*, *International Journal of Industrial Organization*, *Journal of Industrial Organization*, *Review of Industrial Organization*, *National Tax Journal*, *Games and Economic Behavior*, *Scandinavian Journal of Economics*, *Southern Economic Journal*, *BE Journals in Economic Analysis and Policy*, *Energy Journal*, *Energy Economics*, *Proceedings of the National Science Association*, *Journal of Policy Analysis and Management*, *Journal of Urban Economics*

American Economic Review Excellence in Refereeing Award, 2011.

Ad Hoc Grant Reviewer for National Science Foundation and Canadian Social Science and Humanities Research Council

Session Chair for 2006 IIOC, 2012 ASSA.

Discussant for 2011 NBER EEE, 2011 ASSA Meetings, 2010 NBER Winter IO meetings, IIOC (2010, 2008, 2007, 2006), 2007 Harvard Conference on Oil and Populism.

PUBLIC SERVICE

Commentor – GAO Methodology: Effects of Mergers and Market Concentration on Wholesale Gasoline Prices. (2008, 2009)

Speaker – U.S. / Taiwan Dialogue on Hybrid Vehicles. Sponsored by the U.S. State Department. (2009)

COMMITTEE SERVICE

Kennedy School Faculty Research Seminar Coordinator (2011, 2012)
Regulatory Policy Program Seminar Coordinator (2007, 2008, 2009)

PhD Admissions Committee (2009, 2010, 2011, 2012)
Junior Analytics Search Committee (2006, 2007, 2008).
MPP Admissions Committee (2005).

Joseph Crump Fellowship Committee (2008, 2009, 2011, 2012)
Harvard University Center for the Environment Fellowship Committee (2008)
Student Internship Fund Committee (2005, 2007)

ADVISING

- PhD Dissertations - Kate Emans (2008, Amherst College)
Jonathan Borck (2008, Analysis Group)
Hunt Allcott (2009, NYU)
David Molin (2009, CompassLexecon)
Matthew Ranson (2012, Abt Associates)
Richard Sweeney (2014)
- Master's Theses - Alemayehu Kuma Awas (2006, MPA-ID)
Jonathan Phillips (2007, MPP)
Issac Wohl (2007, MPP)
Erik Wurster (2007, MPP)
David Grasso (2009, MPP)
Bruce Haupt (2009, MPP)
Claudia Sanchez (2009, MPP)
Sierra Peterson (2009, MPP)
Daniel Vetter (2011, MBA/MPP)
- Undergrad Theses - Michael Libert (2009, Economics)