

Thomas C. Kinnaman
Curriculum Vitae
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Department of Economics
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Current Position

Professor, Department of Economics, Bucknell University, 2011 - present

Education

Ph.D., Economics, University of Virginia, Charlottesville, VA (1994).
M.A., Economics, University of Virginia, Charlottesville, VA (1991).
B.A., Decision Science, George Mason University, Fairfax, VA (1987).

Previous Academic Positions

Chair, Department of Economics, Bucknell University, 2010-2018
Guest Professor (Global) of Graduate School of Economics, Keio University, Summer of 2017
Co-Director, Bucknell in London Study-Abroad Program, Fall of 2012 and 2019
Director, Environmental Studies Program, Bucknell University, 2006-2010
Director, Interdisciplinary Program in Economics and Mathematics, 2008-2011
Associate Professor, Department of Economics, Bucknell University, 2000-2011
Visiting Fellow, Graduate School of American Studies, Doshisha University, Kyoto, Japan, 2009
Director, Bucknell in Barbados Semester Study-Abroad Program, Springs of 2002 and 2006
Assistant Professor, Department of Economics, Bucknell University, 1994-2000
Instructor, Department of Economics, University of Virginia, 1992-1994
Teaching Assistant, Department of Economics, University of Virginia, 1989-1992

Scholarly Works in Progress

“Is Incineration Repressing Recycling?” (Revised and resubmitted to the Journal of Environmental Economics and Management)

“Has Incineration Replaced Recycling in OECD Countries?”

“Lifting the Curse: The Unsurprising Association between Natural Resources and Economic Growth”

“A Natural Resource Curse in Oil Reserves”

“Optimal Waste Policy with a Positive Recycling Externality”

Journal Articles and Book Chapters

“Understanding the Economic of Waste: Drivers, Policies and External Costs”, *International Review of Environmental and Resource Economics*, 8, 2014, pp. 281-320.

“A Natural Gas Severance Tax: An Economic Analysis”, *Energy Technology*, 2(2), 2014, pp. 1006-1011.

- “The Socially Optimal Recycling Rate” with Masashi Yamamoto and Takayoshi Shinkuma, *Journal of Environmental Economics and Management*, 68(1), 2014, pp. 54-70.
- “Determining the Socially Optimal Recycling Rate,” *Resources, Conservation, and Recycling*, 85, April 2014, pp 5-10.
- “Global Reuse and Optimal Waste Policy,” with Hide-Fumi Yokoo, *Environment and Development Economics*, 18(5), 2013, pp. 595-614.
- “Waste Disposal and Recycling”. In: Shogren, J.F., (ed.) *Encyclopedia of Energy, Natural Resource, and Environmental Economics*, Vol. 3, 2013, pp. 109-113. Amsterdam: Elsevier.
- “Estimating Willingness to Pay for River Amenities and Safety Measures Associated with Shale Gas Extraction,” with Paula Bernstein and Mengqi Wu, *Eastern Economics Journal*, 39(1), 2013, 28-44.
- “The Economic Impacts of Shale Gas Extraction: Moving Beyond Jobs and Tax Revenues,” *Energy Delta Institute Quarterly* 3(4), December 2011, 11-14.
- “The Economic Impact of Shale Gas Extraction: A Review of Existing Studies,” *Ecological Economics* 70(7), May 2011, 1243-1249.
- “Economic Policies to Address the Environmental Consequences of Global Reuse,” with Hide-Fumi Yokoo, *American Economic Review* 101(2), May 2011, 71-76.
- “Solid Waste Management in the Caribbean.” *Journal of Eastern Caribbean Studies* 35(2), June 2010, 38-60.
- “The Costs of Municipal Curbside Recycling and Waste Collection,” with Robert A. Bohm, David H. Folz, and Michael J. Podolsky, *Resources, Conservation, and Recycling* 54(11), September 2010, 864-871.
- “Optimal Solid Waste Policy with Centralized Recycling Opportunities,” *National Tax Journal* 63(2), June 2010, 237-252.
- “Landfill Closure and Housing Values,” *Contemporary Economic Policy* 17(4), July 2009, 380-89.
- “The Economics of Municipal Solid Waste Management,” *Waste Management* 29(10), October 2009, 2615-2617.
- "Response from Thomas Kinnaman," *Journal of Economic Perspectives* 22(2), Spring 2008, 243–244. (a response to a comment by Elbert Dijkgraaf and Raymond Gradus on my paper in the 2006 *Journal of Economic Perspectives*)
- “Examining the Justification for Residential Recycling,” *The Journal of Economic Perspectives* 20(4), Fall 2006, 219-232.
- “Why do Municipalities Recycle?” *Topics in Economic Analysis and Policy* 5(1), January 2005.

“Explaining Household Demand for the Collection of Solid Waste and Recycling,” in Don Fullerton and Thomas C. Kinnaman, editors, *The Economics of Household Garbage and Recycling Behavior*. Cheltenham: Edward Elgar Publishers, 2002, 144-152.

“Explaining the Growth in Municipal Recycling Programs: The Role of Market and Non-Market Factors,” *Journal of Public Works Management and Policy* 5(1), July 2000, 37-51.

“Garbage and Recycling with Endogenous Local Policy,” with Don Fullerton, *Journal of Urban Economics* 48(3), 2000, 419-442.

“The Economics of Residential Solid Waste Management,” with Don Fullerton, in Henk Folmer and Tom Tietenberg, editors, *The International Yearbook of Environmental and Resource Economics 2000/2001*. Cheltenham: Edward Elgar Publishers, 2000, 100-147.

“Household Responses To Pricing Garbage By The Bag,” with Don Fullerton, *American Economic Review* 86(4), September 1996, 971-984.

“Garbage, Recycling, and Economic Incentives,” *Proceedings of the Eighty-Eighth Annual Conference on Taxation*, National Tax Association, 1996, 169-174.

“Garbage, Recycling, and Illicit Burning or Dumping,” with Don Fullerton, *Journal of Environmental Economics and Management* 29(1), July 1995, 78-91.

“How a Fee Per-Unit Garbage Affects Aggregate Recycling in a Model With Heterogeneous Households,” with Don Fullerton, in Lans Bovenberg and Sijbren Cnossen, editors, *Public Economics and the Environment in an Imperfect World*. Boston: Kluwer Publishers, 1995, 135-159.

Edited Books

Handbook on Waste Management, Thomas C. Kinnaman and Kenji Takeuchi, eds., Cheltenham: Edward Elgar Publishers, 2014.

The Economics of Residential Solid Waste Management, Thomas C. Kinnaman, editor, Aldershot: Ashgate Publishing, 2003.

The Economics of Household Garbage and Recycling Behavior, Don Fullerton and Thomas C. Kinnaman, eds., Cheltenham: Edward Elgar Publishers, 2002.

Invited Presentations

“Is Incineration Replacing Recycling? Evidence from OECD Countries” Department of Economics, Bucknell University February, 2019 and the meetings of the Western Economics Association International, Keio University, March, 2019.

“Revisiting the Curse of Natural Resources” Department of Economics, Toyama University, October 2016, the meetings of the Eastern Economics Association, February 2017 (New York), and Department of Economics, Keio University, July 2017.

“The Social Cost of Waste Disposal” Managing Waste as a Resource Workshop, Ferrara, Italy, June 2014, and Department of Economics, Kobe University, October 2016 and Department of Economics,

Keio University, October 2016 and the meetings of the Southern Economics Association, October 2016 (Washington D.C.).

“The Socially Optimal Recycling Rate” The Economics of Waste Management Workshop, Bath, United Kingdom, July 2012, and 1st International EIMPack Congress, Lisbon, Portugal, December 2012 (Keynote address), and Department of Economics, University Tor Vergata, Rome, Italy, December 2012.

“Estimating Willingness to Pay for River Amenities and Safety Measures Associated with Shale Gas Extraction,” Meetings of the Southern Regional Science Association (Lewisburg), July 2012.

“Economics of Waste and Recycling” Organized and chaired session, Meetings of the Western Economics Association (San Diego), June 2011.

“Economic Policies to Address the Environmental Consequences of Global Reuse” 2011 Meetings of the American Economic Association (Denver), January 2011

“Estimating the Sustainability of Unit-Based Pricing Using Panel Data” Discussant, 2010 Meeting of the American Economic Association (Atlanta), January 2010.

“Waste and the Economy” Opening Lecture, 2009 Landfill Symposium, Sardinia, Italy, October 2009.

“The Economics of Climate Change” Graduate School of American Studies, Doshisha University, Kyoto, Japan, July 2009.

“Two Empirical Investigations in the Market for Solid Waste,” Department of Economics, Kyoto University, May, 2009, and Department of Economics, Toyama University, June 2009, and Department of Economics, Aoyama Gakuin University (Tokyo), July 2009.

“Recent Research in the Economics of Solid Waste,” Conference on the Economics of Waste and the Environment, Fukushima, Japan, June, 2009.

“Optimal Solid Waste Policy with Centralized Recycling Opportunities,” Department of Economics, Kobe University, April 2009.

“The Costs of Municipal Curbside Recycling and Waste Collection,” Western Economics Association International Annual Conference, Kyoto, Japan, March, 2009.

“The Economics of Solid Waste Disposal and Recycling,” Fall 2006 Seminar Series, Department of Economics, University of Tennessee, December, 2006.

“Household Behaviour and Environmental Policy: Empirical Evidence in the area of Waste Management and Recycling,” Discussant, OECD, Paris, June 2006.

“Student Life at Bucknell: Two Econometric Applications,” Department of Economics Faculty Colloquium, Bucknell University, February, 2005.

“Efficient Solid Waste Management Policy,” University of Alberta, Waste: The Social Context, Edmonton, May, 2005.

“Optimal Waste Management: Was Pigou Right?,” ICREI/CAEE 5th International Conference on Property Rights, Economics & Environment, Aix-en-Provence, France, June, 2004.

“The Effects of State Policies on Solid Waste and Recycling,” Department of Mineral Economics, Penn State University, State College, PA, October, 2001, and Pennsylvania Economic Association Annual Conference, Williamsport, PA, June, 2001.

“The Efficiency of Curbside Recycling: A Benefit-Cost Analysis,” Western Economic Association International Annual Conference, San Diego, July, 1999, and Faculty Colloquium, Bucknell University, September, 1998, and Workshop in Economic Policy and Public Finance, University of Chicago, June 1998, and Pennsylvania Economics Association, Shippensburg University, June, 1997.

“Garbage and Recycling with Endogenous Local Policy,” National Bureau of Economic Research Summer Institute, Cambridge, MA, August 1997.

“Garbage and Recycling in Communities with Curbside Recycling and Unit-Based Pricing,” Brown Bag Series in Labor Economics, The Ohio State University, March 1996, and ASSA Meetings, San Francisco, January 1996.

“Garbage, Recycling, and Economic Incentives,” Annual Meetings of the National Tax Association, San Diego, October 1995.

“Household Responses to the Start of a Price-Per-Bag,” ASSA Meetings, Boston, January 1994, and National Bureau of Economic Research – Public Economics Meeting, Cambridge, MA, October 1993.

“How a Fee Per-Unit Garbage Affects Aggregate Recycling in a Model With Heterogeneous Households,” Public Economics Workshop, University of Virginia, November 1993.

Grants, Awards and Fellowships

Susquehanna Heartland Coalition for Environmental Studies research grant (2010, 2011)

Named to “Who’s Who in America” (2006)

Named to “Who’s Who Among America’s Teachers” (2001)

Curricular and Instructional Development Grant, Bucknell University, (1999)

Curricular and Instructional Development Grant, Bucknell University, (1997)

Honorable Mention in the National Tax Association’s Dissertation Contest (1995)

Governor's Fellowship, University of Virginia (1990-91 and 1991-92)

Academic Enhancement Fellowship, University of Virginia (1990 and 1992)

Professional Organization Affiliations

American Economic Association

Association of Environmental and Resource Economics

Eastern Economics Association

Courses Taught (Active Courses in Bold)

Economic Principles, **Intermediate Microeconomic Theory**, Environmental Economics, Natural Resource Economics, **Economics of Climate Change**, Law and Economics, Mathematical Economics, **Econometrics**, **Econometric Research**