

Matthew A. Turner

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Education:

Ph.D., Economics, May 1995, Brown University.

Advisor: J. Vernon Henderson

Thesis title: Political Economy of Common Property Management.

A.M., Economics, May 1992, Brown University

B.A., Majors in mathematics and English, May 1987, University of California at Berkeley

Employment:

Professor of Economics, Brown University, 2014-

Status only Professor of Economics, University of Toronto, 2014-15

Professor of Economics, University of Toronto, 2007-2014

Associate Professor of Economics, University of Toronto, 2001-2007

Assistant Professor of Economics, University of Toronto, 1995-2001.

Marine Policy and Ocean Management Postdoctoral Fellow, Woods Hole Oceanographic Institution, 1994-5

High School Teacher, Landmark School, 1989-90

Computer Programmer, Wells Fargo Bank, 1987-89

Affiliations:

Population Studies Training Center, S4, Property and Environment Research Center (PERC), International Growth Center (IGC)

Short visits:

London School of Economics (2016), IEB Urban Economics Summer School, Barcelona (2016); Property and Environment Research Center (2010-15); Philadelphia Federal Reserve Bank (2009); New York Federal Reserve Bank (2009, 2010, 2012, 2015); Summer School in Transportation and Environment, European Assoc. of Environmental Economists, Venice (2009); Paris School of Economics (2009); Center for Operations Research and Econometrics, Belgium (2007); University of Iceland, Department of Economics (2006); London School of Economics, Center for Policy Research (2001)

Awards:

Visiting Fellow Einaudi Institute of Economics and Finance, Rome (2013); Julian Simon Fellow Property and Environment Research Center, Bozeman MT (2011, 2012); Lone Mountain Fellow, Property and Environment Research Center, Bozeman MT (2010, 2013-15); National Fellow, Hoover Institution (2001); Marine Policy and Ocean Management Post-doctoral Fellow, Woods Hole Oceanographic Institution (1995); Abrahamson Award for outstanding thesis research, Brown University (1994)

Grants (>5000\$):

- International Growth Centre*, 2015, 59,000 GBP, Subways and Urban Air Pollution (with Marco Gonzalez-Navarro)
- Societe du Grand Paris*, 2014, 46,000 EU, Subways and Urban Growth in Europe (with M. Gonzalez-Navarro)
- International Growth Centre*, 2014, 42,000 GBP, Transport Infrastructure, Urban Growth and Market Access in China (with L. Brandt, N. Baum-Snow, J. V. Henderson, and Q. Zhang)
- Social Science and Humanities Research Council of Canada*, 2013-17, 132,000\$CA for research on urban form and driving
- Economic Research Forum* (Egypt), 2012, 34,000\$US for research on, *Alternative Finance Mechanisms for Infrastructure in Egypt: Will Users and Developers Pay?* (with H. Osman, T. El-Diraby and M. Osman)
- Lincoln Institute*, 2011, 30,000\$US for research on, *Urban Transportation, Urban Growth and Changes in Urban Form in China* (with N. Baum-Snow)
- Social Science and Humanities Research Council of Canada*, 2010-12, 66,000\$CA for research on traffic congestion
- International Growth Centre*, 2009-11, 83,000 GBP, Urban Transportation, Land Use, and Growth, Evidence from China 1995-2010 (with L. Brandt, N. Baum-Snow, J. V. Henderson, and Q. Zhang)
- Sustainable Prosperity*, 2010, 13,500\$CA, The drivers of urban driving: Infrastructure, urban form and travel behavior (with Gilles Duranton)
- Social Science and Humanities Research Council of Canada*, 2007-9, 60,000\$CA for research on urban growth and transportation
- Social Science and Humanities Research Council of Canada*, 2004-7, 66,000\$CA for research on urban sprawl
- Social Science and Humanities Research Council of Canada*, 2001-4, 64,000\$CA for research on urban sprawl (principal investigator: with Diego Puga and Henry Overman)
- National Science Foundation Grant*, 1999, for research on property rights in rural China, 275,000\$US (co-investigator: with Loren Brandt, Dwayne Benjamin, Scott Rozelle and Peter Lindert)
- Social Science and Humanities Research Council of Canada*, 1998-2000, 30,000\$CA for research on optimal regulation of fisheries
- Connaught Foundation, University of Toronto*, 1996-8, 19,000\$CA for research on the political economy of common property management

Associate Editor: *Journal of Urban Economics* (2015--)

Editorial boards: *Journal of Urban Economics* (2009--2015), *Regional Science and Urban Economics* (2009--), *Journal of Economic Geography* (2011--), *International Review of Environmental and Resource Economics* (2012--), *Journal of Transport Economics and Policy* (2013--)

Articles:

Transportation Costs and the Spatial Organization of Economic Activity
(with Stephen J. Redding) p1339-1394, Elsevier Handbook of Urban and Regional Economics volume 5, Elsevier, 2015, Gilles Duranton, J. Vernon Henderson and William Strange Eds.

Land Use Regulation and Welfare,
Econometrica, v82 no4:1341-1403, July 2014 (with Andrew Haughwout and Wilbert van der Klaauw)

Roads and Trade: Evidence from the US
Review of Economic Studies, v81 no2: 681-724, 2014 (with Peter Morrow and Gilles Duranton)

Adaptation to Climate Change: Evidence from 18th and 19th Century Iceland,
Advances and Applications in Statistics, v28:77-108, 2012 (with Jeffrey S. Rosenthal, Jian Chen and Chunyan Hao)

Urban Growth and Transportation
Review of Economic Studies, v79 no4:1407-1440, December 2012 (with Gilles Duranton)

Adaptation to Climate Change in Preindustrial Iceland,
American Economic Review Papers and Proceedings, v102 no3: 250-255, May 2012
(with Jeffrey S. Rosenthal, Jian Chen and Chunyan Hao.)

The Effects of Land Transfer Taxes on Real Estate Markets: Evidence from a Natural Experiment in Toronto, *Journal of Economic Geography*, v12 no2: 327-354, March 2012
(with Ben Dachis and Gilles Duranton)

The Fundamental Law of Highway Congestion: Evidence from the US
American Economic Review, v101 no6:2616-52, October 2011 (with Gilles Duranton)

The Value of Information in Public Decisions
Berkeley Electronic Journal of Economics and Policy, v10 no1:(Contributions) Article 76, 2010 (with Arvind Magesan)

Cost-Benefit Analyses versus Referenda

Journal of Political Economy, v118(1):156-187, February 2010 (with Martin Osborne)

Decomposing the Growth in Residential Land in the United States

Regional Science and Urban Economics, v38: 487–497, September 2008 (with Henry Overman and Diego Puga)

Fat City: Questioning the Relationship Between Urban Sprawl and Obesity in the United States

Journal of Urban Economics, v63 no2: 385–404, March 2008 (with Jean Eid, Henry Overman, and Diego Puga)

The Usefulness of Imperfect Elections

Economics and Politics, v19 no3: 453-480, November 2007 (with Loren Brandt)

A Simple Theory of Smart Growth and Sprawl

Journal of Urban Economics, v61 no 1: 21-44, January 2007

Causes of Sprawl: A Portrait from Space

Quarterly Journal of Economics, v121 no2: 587-633, May 2006 (with Diego Puga, Henry Overman and Marcy Burchfield)

Meetings with Costly Participation: Reply

American Economic Review, v95 no4: 1351-54, September 2005 (with Martin Osborne and Jeffrey Rosenthal)

Landscape Preferences and Patterns of Residential Location

Journal of Urban Economics, v57 no1: 19-54, January 2005

Meetings with Costly Participation: An empirical analysis

Review of Economic Studies, v72 no1: 247-268, January 2005 (with Quinn Weninger)

Local Government Behavior, Bureaucratic Incentives, and Tenure Security in Rural China

Journal of Institutional and Theoretical Economics, v160 no4: 627-662, December 2004 (with Loren Brandt and Scott Rozelle)

Meetings with Costly Participation

American Economic Review, v90 no4: 927-43, September 2000 (with Martin J. Osborne and Jeffrey Rosenthal)

Tradition and Common Property Regulation

Canadian Journal of Economics, v32 no3: 673-87, May 1999

Parental Altruism and Common Property Regulation

Canadian Journal of Economics, v30 no4a: 809-21, November 1997

Quota induced Discarding in Heterogeneous Fisheries

Journal of Environmental Economics and Management, v3 no2: 186-95, June 1997

Value Based ITQ's

Marine Resource Economics, v11: 59-69, September 1996

Industrial Development in Cities

Journal of Political Economy, v103 no5: 1067-89, October 1995 (with J. V. Henderson and A. Kuncoro). Reprinted in "The Growth of Cities", Zoltan J. Acs, Ed. Edward Elgar, UK, 2006

Other publications:

Providence's Choice: Streetcars or Snow removal,

Providence Journal, May 14, 2015 (with Neil Mehotra)

The Fundamental Law of Road Congestion and Its Implications for Transportation Policy,

Weekly Policy Commentary, Resources for the Future, February 19, 2010.

Reprinted in *PERC reports*, volume 29, No.3, Fall 2011.

Toronto's Damaging Tax on Mobility

National Post, December 16, 2008 (with Ben Dachis and Gilles Duranton)

Sand in the Gears: Evaluating Toronto's Land Transfer Tax

C.D. Howe working paper no. 277, December 2008 (with Ben Dachis and Gilles Duranton)

Review of 'Green Cities' by Matthew Kahn

Regional Science and Urban Economics, v38: 404-5, 2008

Mayor's Tax on Moving No Way to Balance Books

Toronto Star, September 24, 2007 (with Gilles Duranton)

Extinction by Miscalculation: The Threat to Cultus and Sakinaw Lake Sockeye

Submission to the cabinet, 2004 (with Mart R. Gross, Pablo Montagnes, Mike Parkes, Paul Riis, and Barbara Roberts)

Beyond the pipe: The importance of wetlands and upland conservation practices in watershed management

Submission to the Walkerton inquiry, Toronto, Ontario, 2001 (with T. Shane Gabor, April Kiers North, Lisette C. M. Ross, Henry R. Murkin, and James S. Anderson)

Research in progress:

Speed, with Gilles Duranton and Victor Couture, in revision, *REStat*

Roads, Railroads and Decentralization in Chinese Cities, with Nathaniel Baum-Snow, Loren Brandt, J. Vernon Henderson, and Qinghua Zhang.

Subways and urban growth: Evidence from Earth, with Marco Gonzales-Navarro
Urban Form and Driving, with Gilles Duranton
Highways, market access and urban growth in China, with Nathaniel Baum-Snow, J. Vernon
Henderson, Qinghua Zhang and Loren Brandt.
Subways and urban air pollution, with Nicholas Gendron-Carrier, Marco Gonzales-Navarro and
Stefano Polloni
Transportation and Decentralization in Chinese Cities, with Nathaniel Baum-Snow
Identification, extrapolation and the problem of benefits transfer

Field work:

Along with Loren Brandt, Dwayne Benjamin and Scott Rozelle, I spent two weeks in rural China interviewing rural agricultural households and village leaders. Our objective was to refine a survey on property rights that was conducted late in 2000. (July 2000)

Undergraduate courses:

Intermediate Microeconomics, Environmental Economics, Resource Economics, Economics of Global Warming, Guest lecturer: Conservation Biology

Graduate courses:

Graduate Microeconomics(price theory), Graduate Microeconomics(information), Graduate Urban Economics, Graduate Environmental Economics

Ph.D. students:

Guillermo Alves, in progress; Jorge Perez, in progress; Nicholas Gendron-Carrier, in progress; Graham Beattie, in progress; Victor Couture, 2013 (University of California at Berkeley); Branko Bosovic, 2012 (University of Alberta); Arvind Magesan, 2010 (University of Calgary); Jean Eid, 2007 (Wilfred Laurier); Leslie Shiell, 1997 (University of Ottawa)

Other:

Guest lecture: Palmerston Elementary, Toronto (2006) “An experimental double auction”
Visiting researcher, US Bureau of Labor Statistics, June 2005 -- 2007

Administration:

Program committee, PERC conference on adaptation to climate change, 2011, 2015
Program committee Urban Economics Association annual meetings, 2010-12
Organizer Ph.D. micro-economics comprehensive exam, 2007-12
Organizer Real Estate and Urban Economics Seminar, 2008-10
Departmental IT committee, 2006-2007
Chair departmental IT committee, 2004-6
University Committee on Standing, 2003-5
Graduate Admissions committee, 2002-5, 2008-2013
Researched revisions to the Joint Economics and Environmental Studies MA degree,
Summer 2000
Division of Environment Steering Committee, 1996-8