

Nathaniel Baum-Snow - Curriculum Vitae
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Name and Position

Nathaniel Baum-Snow
Associate Professor of Business Economics
Rotman School of Management
University of Toronto
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Birth Date & Citizenship

16 August, 1976 in Cambridge, United Kingdom
Citizen of the United States and United Kingdom

Education

A.B. in Economics (Magna Cum Laude), Harvard College	1998
Ph.D. in Economics, University of Chicago	2005
Fields: Urban Economics, Public Finance, Labor Economics	
Dissertation: Essays on the Spatial Distribution of Employment and Residences	

Professional Appointments

Associate Professor (with tenure), Rotman School of Management	2016-
Associate Professor of Economics and Urban Studies, Brown University	2012-2015
Associate Professor of Economics (with tenure), Brown University	2011-2012
Stephen Robert Assistant Professor of Economics, Brown University	2007-2011
Assistant Professor of Economics, Brown University	2005-2007
Research Associate, Domestic Research Group, FRBNY	1998-2000

Affiliations and Visiting Positions

Department of Economics (Status Only), University of Toronto	2016-
Visiting Professor, Rotman School of Management	2015
Research Associate, National Bureau of Economic Research	2012-2017
Spatial Structures in the Social Sciences, Brown University	2005-2015
Population Studies and Training Center, Brown University	2005-2015
Faculty Research Fellow, National Bureau of Economic Research	2006-2012
Visiting Assistant Professor, Harris School, University of Chicago	2008-2009

Publications

“The Effects of New Public Projects to Expand Urban Rail Transit” (with Matthew E. Kahn), *Journal of Public Economics*, 2000, 77(2): 241-63.

“Effects of Urban Rail Transit Expansions: Evidence from 16 Cities” (with Matthew E. Kahn) in *Brookings-Wharton Papers on Urban Affairs*, 2005, G. Burtless and J. R. Pack (eds), Brookings Institution Press.

“Did Highways Cause Suburbanization?” *Quarterly Journal of Economics*, 2007, 122(2): 775-805.

“Suburbanization and Transportation in the Monocentric Model,” *Journal of Urban Economics*, 2007, 62(3): 405-423.

“Mismeasurement of Usual Hours Worked in the Census and ACS” (with Derek Neal), *Economics Letters*, 2009, 102(1): 39-41.

“The Effects of Low Income Housing Tax Credit Developments on Neighborhoods” (with Justin Marion), *Journal of Public Economics*, 2009, 93(5-6): 654-666.

“Changes in Transportation Infrastructure and Commuting Patterns in U.S. Metropolitan Areas, 1960-2000,” *American Economic Review Papers and Proceedings*, 2010, 100(2): 378-382.

“School Desegregation, School Choice and Changes in Residential Location Patterns by Race” (with Byron Lutz), *American Economic Review*, 2011, 101(7): 3019-3046.

“Understanding the City Size Wage Gap” (with Ronni Pavan), *Review of Economic Studies*, 2012, 79(1): 88-127.

“Inequality and City Size” (with Ronni Pavan), *Review of Economics and Statistics*, 2013, 95(5): 1535-1548.

“Changes in Urban Population Densities Over the Next 40 Years,” *Cityscape: A Journal of Policy Development and Research*, 2013, 15(3): 171-174.

“Causal Inference in Urban and Regional Economics” (with Fernando Ferreira) in *Handbook of Regional and Urban Economics*, Gilles Duranton, William Strange and Vernon Henderson eds., 2015, Vol. 5

“Roads, Railroads and Decentralization of Chinese Cities” (with Loren Brandt, Vernon Henderson, Matthew Turner & Qinghua Zhang), *Review of Economics and Statistics*, forthcoming.

“Transportation and the Decentralization of Chinese Cities” (with Matthew Turner),
Asian Development Review, forthcoming.

Reviews and Comments

Comment on “Differential Road Pricing, Express Lanes and Carpools: Exploiting Heterogeneous Preferences in Policy Design” by K. Small, C. Winston and J. Yan in *Brookings-Wharton Papers on Urban Affairs*, 2006, G. Burtless and J. R. Pack (eds), Brookings Institution Press.

Reply to Wendell Cox, Peter Gordon and Christian Redfean’s comment on “Did Highways Cause Suburbanization?” in *Econ Journal Watch*, 2008, 5(1): 32-45.

Comment on “Toward a Comprehensive Assessment of Road Pricing: Accounting for Land Use” by A. Langer and C. Winston in *Brookings-Wharton Papers on Urban Affairs*, 2008, G. Burtless and J. R. Pack (eds), Brookings Institution Press.

Review of “The Wine Trials 2010: The World’s Best Selling Guide to Inexpensive Wines” by Robin Goldstein & Alexis Herschkowitsch in *The Journal of Wine Economics*, 2010, 5(1): 205-208.

Working Papers

“Why Has Urban Inequality Increased?” (with Ronni Pavan & Matthew Freedman)
Revise and Resubmit

“Urban Transport Expansions, Employment Decentralization, and the Spatial Scope of Agglomeration Economies” Under Review

“Transport Infrastructure, Urban Growth and Market Access in China” (with Vernon Henderson, Loren Brandt, Matthew Turner & Qinghua Zhang) Under Review

“Accounting for Central Neighborhood Change, 1970-2010” (with Daniel Hartley)

Invited Presentations

Boston College, Boston University, Brookings Institution, Brown University, Columbia University (Business School), Federal Reserve Bank of New York, Federal Reserve Bank of Philadelphia, National Bureau of Economic Research, New York University (Wagner), University of British Columbia (Sauder), University of Chicago, University of Pennsylvania (Wharton), University of Texas Austin, University of Toronto (Rotman), North American Regional Science Council (NARSC) Meetings 2005

University of Rochester, Federal Reserve Bank of Boston, Yale, NARSC Meetings 2006

Duke University, Syracuse University, Harvard University, NARSC Meetings, Economic History Association Meetings 2007

University of Chicago (Graduate School of Business), Clark University, Lincoln Land Institute, McGill University, UCLA, Brown University, Federal Reserve Bank of Philadelphia, University of Michigan, Vanderbilt University, Northwestern University, Purdue University, Michigan State University, Yale, Center for Economic Policy Research Meetings, NARSC Meetings, National Tax Association Meetings 2008

University of Chicago (Harris School), Washington University, University of California Berkeley, University of Wisconsin, Wesleyan College, North American Econometric Society Meetings, NARSC Meetings, Society of Economic Dynamics Meetings 2009

Brown University, Cornell University, Federal Reserve Bank of Kansas City, Louisiana State University, University of British Columbia (Sauder), University of Pennsylvania (Wharton), American Economic Association Meetings (Published Session), The UW-Federal Reserve Housing-Labor-Urban-Macro (HLUM) Conference, Institut d'Economia de Barcelona (IEB) Urban Meetings, NARSC Meetings 2010

London School of Economics, MIT Department of Urban Studies and Planning, Rensselaer Polytechnic Institute, University of Houston, European Regional Science Association (ERSA) Meetings, NARSC Meetings 2011

Federal Reserve Bank of Cleveland, Georgia State University, George Washington University, Harvard University (Inequality and Economic History Workshops), University of Pittsburgh, University of Southern California, West Virginia University, IGC Growth Week, NARSC Meetings, NBER Summer Institute, National University of Singapore Symposium on Asia Growth and Urban Economy, New Developments in Human Capital Conference, Greater Boston Urban and Real Estate Economics Seminar, Institut d'Economia de Barcelona Urban Meetings 2012

Columbia University, Cornell University, Federal Reserve Bank of Cleveland, Royal Holloway-University of London, University of Illinois Urbana-Champaign, University of Toronto, University of Wisconsin, Weimer School for Advanced Studies, American Real Estate and Urban Economics Association (AREUEA) International Conference, Conference on Urbanization and Economic Development (Williams College), ERSA Meetings, NARSC Meetings, NBER Summer Institute, Regional Science & Urban Economics Seminar (Paris) 2013

Federal Reserve Bank of New York, McGill, Northeastern, Simon Fraser, UC Berkeley (Haas), University of Toronto (Rotman), Yale, AREUEA Meetings, HLUM Conference, IEB Urban Meetings, NARSC Meetings 2014

Federal Reserve Bank of Atlanta, Federal Reserve Bank of Philadelphia, Nankai University, New York University, Peking University, Queens University, RPI, Tsinghua University, Université de Montreal, University of British Columbia (Sauder), University

of Kentucky, ASSA-AREUEA Meetings, ERID Conference (Duke), ESRI Meetings, Federal Reserve Bank of Cleveland Policy Summit, Frontiers in Urban Economics Conference (Columbia), NBER China Meeting, Tianjin (China) Forum, University of Chicago Class of circa 2005 Conference 2015

Federal Reserve Bank of St. Louis, Research Symposium on Gentrification and Neighborhood Change (Phila Fed), UC Irvine, Rotman-Sauder Summer Conference on Urban Economics, SUNY Buffalo 2016

Canazei Winter School on Inequality, Columbia University, National University of Singapore, Singapore Management University, UQAM Conference on Gentrification Workshop on Urban and Regional Economics-Colombia, Workshop on Public Policies in Cities and Regions-GATE Lyon (Keynote), Yale Law School 2017

Invited Short Visits

UCLA Economics Department	2008
Initiative on Global Markets, University of Chicago GSB	2008
Federal Reserve Bank of Philadelphia	2010-14,17
Federal Reserve Bank of Cleveland	2013-2014
Federal Reserve Bank of Atlanta	2015

Research Grants

Research on Urban Transportation
With Matthew E. Kahn
Taubman Center for State and Local Government, Harvard University
USD 5,000: 2005-2006

“Understanding the City Size Wage Gap”
With Ronni Pavan
National Science Foundation
USD 409,236: 2007-2010

“Urban Transportation, Land Use and Growth: Evidence from China 1995-2010”
With Vernon Henderson, Loren Brandt, Matthew Turner & Qinghua Zhang
International Growth Centre at the London School of Economics
GBP 83,000: 2009-2012

“Urban Transportation, Urban Growth and Changes in Urban Form in China”
With Matthew Turner
China Program, Lincoln Land Institute
USD 30,000: 2011-2012

“Transport Infrastructure, Urban Growth and Market Access in China”
With Vernon Henderson, Loren Brandt, Matthew Turner & Qinghua Zhang
International Growth Centre at the London School of Economics
GBP 41,689: 2014-2015

“Quantifying Local Economic Spillovers Between Firms and Workers”
With Ronni Pavan
Social Science and Humanities Research Council (Canada)
CAD 153,056: 2017-2022

Professional Service

Co-Editor, <i>Journal of Urban Economics</i>	2015-
Treasurer, Urban Economics Association	2015-
Editorial Staff, <i>Journal of Economic Geography</i>	2015-
Program Committee, AREUEA-ASSA Annual Meeting	2018
Editorial Staff, <i>Journal of Urban Economics</i>	2012-2014
Program Committee, UEA Sessions, NARSC Meetings	2013-2014
Chair of Program Committee, UEA Sessions, NARSC Meetings	2015
Stevens Dissertation Fellowship in Reg. Sci. Selection Committee	2012-2014
Co-Organizer of Conference on Urban and Regional Economics (CURE)	2014

Economics Department Library Liaison	2005-2006
Public Economics Junior Search Committee Member	2005-2007
Co-Organizer of the Applied Microeconomics Workshop	2006-2012
S4 Recruitment Committee Member	2010, 2013
Co-Organizer of the S4 Colloquium Series	2010-2011
University Nominations Committee Member	2012-2015
Chair of PhD Admissions to the Brown Economics Department	2012-2014

Referee service to the following journals and organizations

American Economic Review, American Economic Journal: Economic Policy, American Economic Journal: Applied Economics, American Political Science Review, Annals of Regional Science, B.E. Journal of Economic Analysis & Policy, City and Community, Demography, Econometrica, Economic Inquiry, Economic Journal, Economics Letters, Environment and Planning B, ESRC, International Economic Review, Journal of Applied Econometrics, Explorations in Economic History, Housing Policy Debate, Journal of Comparative Economics, Journal of Development Economics, Journal of Economic Literature, Journal of Economic Geography, Journal of Environmental Economics and Management, Journal of the European Economic Association, Journal of Housing Economics, Journal of Labor Economics, Journal of Policy Analysis and Management, Journal of Political Economy, Journal of Public Economics, Journal of Regional Science, Journal of Transport Geography, Journal of Urban Affairs, Journal of Urban Economics, Labour Economics, MIT Press, National Science Foundation, National Tax Journal, Oxford University Press, Population and Environment, Policy and Society, Papers in

Regional Science, Quarterly Journal of Economics, Real Estate Economics, Regional Science and Urban Economics, Research Grants Council of Hong Kong, Review of Economic Studies, Review of Economics and Statistics, Scandinavian Journal of Economics, Social Science Research Council (Canada), Sociological Quarterly, Transportation Research Part A: Policy and Practice, Transportation Research Part B: Methodological, Urban Studies, World Bank Strategic Research Program, World Bank Economic Review

Invited paper discussant or session organizer at the following meetings and conferences

Society of Labor Economics Meetings	2004
North American Regional Science Council Meetings	2005-2014
Brookings-Wharton Conference on Urban Affairs	2006, 2008
Population Association of America Meetings	2007
National Bureau of Economic Research Summer Institute Meetings	2007, 2011
American Economic Association Meetings	2008, 2014-15
CURE Meetings	2011-2015
International Growth Centre Cities Conference	2015-2016
UW-Federal Reserve HLUM Conference	2011
NUS Symposium on Asia Growth and Urban Economy	2012
National Tax Association Meetings	2012

Honors and Awards

National Science Foundation Graduate Fellowship, Honorable Mention	2000
University of Chicago Fellowship	2000-2004
John M. Olin Foundation Dissertation Fellowship, University of Chicago	2004-2005
Stephen Robert Assistant Professor Chair	2007-2011
Geoffrey J.D. Hewings Award for young researcher in regional science	2011
Post-Doctoral Honoree, Weimer School for Advanced Study	2013

Teaching and Advising

Intermediate Microeconomics, University of Chicago	2003
Urban Economics (Undergraduate), Brown University	2005-2015
Intermediate Microeconomics, Brown University	2005-2007
Urban Economics (PhD), Brown University	2006-2014
Urban Economics and Policy, University of Chicago Harris School	2009
Using & Analyzing Urban Data, University of Chicago Harris School	2009
Intermediate Microeconomics (Mathematical), Brown University	2010-2014
Freshman and Sophomore Advisor, Brown University	2009-2014
Topics in Urban and Real Estate Economics (PhD)	2016
Managerial Economics (MBA)	2016
Organized Reading Group in Urban & Real Estate	2017

Past Graduate Student Advisees: Alexei Abrahams, Guillermo Alves, Mongoljin Batsaikhan, Daniel Bennett, Chisoo Kim, Yong Suk Lee, Ee Cheng Ong, Ying Pan, Daniel Puskin, Nathan Schiff, Adam Storeygard, Michael Suher, Isabel Tecu, Masaki Yamada, Zhi Wang, Zhichao Wei, Hyunjoo Yang

Currently actively advise 5 Economics and Rotman Ph.D. students at the University of Toronto.

Have advised 10 undergraduate theses.

Have sponsored university funded undergraduates (UTRAs) in two research projects.