

Nathaniel Baum-Snow - Curriculum Vitae
Updated July, 2019

Position

Professor, Economic Analysis and Policy
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, Canadian PR

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

Professor, Rotman School of Management	2019-
Associate Professor (with tenure), Rotman School of Management	2016-2019
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-
Creative Destruction Lab, University of Toronto	2018-
School of Cities, University of Toronto	2018-
CESifo Fellow	2018-
Visiting Professor, Rotman School of Management	2015
Research Associate, DAE Program, NBER	2012-2017
Spatial Structures in the Social Sciences, Brown University	2005-2015
Population Studies and Training Center, Brown University	2005-2015
Faculty Research Fellow, DAE Program, NBER	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*, 2017, 99(3): 435-448.

“Transportation and the Decentralization of Chinese Cities” (with Matthew Turner), *Asian Development Review*, 2017, 34(2), 25-50.

“Why Has Urban Inequality Increased?” (with Ronni Pavan & Matthew Freedman) *American Economic Journal: Applied Economics*, 2018, 10(4), 1-42.

“Does Investment in National Highways Help or Hurt Hinterland City Growth?” (with Vernon Henderson, Loren Brandt, Matthew Turner & Qinghua Zhang) *Journal of Urban Economics*, forthcoming.

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

“Accounting for Central Neighborhood Change, 1980-2010” (with Daniel Hartley),
Revise & Resubmit, *Journal of Urban Economics*

“The Long-Run Effects of Neighborhood Change on Incumbent Families” (with Daniel Hartley & Kwan Ok Lee)

“The Microgeography of Housing Supply” (with Lu Han)

“Local Productivity Spillovers” (with Nicolas Gendron-Carrier & Ronni Pavan)

Media Mentions

The Economist Magazine: “Demography is not destiny. Building a multiracial coalition is more difficult than it seems,” July 14, 2018

The Wall Street Journal Real Time Economics Blog: “U.S.-China Tensions Easing?” May 18, 2018

The New York Times: “The Democrats’ Gentrification Problem,” Thomas Edsall, April 19, 2018

Citylab: “The Downsides of the Back to the City Movement,” Richard Florida, Sep 29, 2016

The Wall Street Journal: “For More U.S. Cities, Downtown is the Center of Economic Strength,” Scott Calvert, August 5, 2016

Citylab: “The Connection Between Successful Cities and Inequality,” Richard Florida, Jan 6, 2015

The Economist Magazine: “Bridges to Somewhere.” Jul 19, 2014

US News and World Report: “10 Cities With the Highest and Lowest Real Incomes,” Danielle Kurtzleben, June 1, 2011

US News and World Report: “Large Cities Have Greater Income Inequality,” Danielle Kurtzleben, April 29, 2011

New York Times Economix: “If the Tea Party Went Downtown,” Edward Glaeser, March 15, 2011

The Atlantic Magazine: “Cities, Inequality and Wages,” Richard Florida, Feb. 24, 2011

Boston Globe: “Why the Anti-Urban Bias?” Edward Glaeser, March 5, 2010

Invited Academic 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, Central Bank of Colombia (Cartagena), Federal Reserve Bank of Richmond Research Conference on Gentrification, National University of Singapore, Singapore Management University, UQAM Conference on Gentrification, Workshop on Urban and Regional Economics Universidad Javeriana-Colombia, Workshop on Public Policies in Cities and Regions-GATE Lyon (Keynote), USC Conference on Housing, Yale Law School 2017

CESifo (Munich), CREI (Barcelona), Fudan University, George Washington University, Hong Kong University of Science & Technology, Shanghai University of Finance & Economics, University of Barcelona, University of Pennsylvania (Wharton), AREUEA International Meetings, Canadian Economic Association Meetings, Kraks Fond Annual Conference (Keynote; Copenhagen, Denmark), Society of Labor Economics Meetings, UT/UBC Summer Real Estate Conference 2018

INSEAD Singapore, Michigan State University, University of Alberta, University of Copenhagen, University of Rochester, University of Southern California (Price), Upjohn Institute, World Bank, American Economic Association Meetings, Conference on Urban Economics (University of Zurich), Conference on Urban and Regional Economics, Barcelona GSE Summer Forum, Urban Economics and Policy Workshop I (MIT DUSP), Montreal Workshop on Markets with Frictions (McGill University), SMU Conference on Urban and Regional Economics (keynote) 2019

Arizona State University, University of Calgary, University of Western Ontario, Institut d'Economia de Barcelona (IEB) Urban Meetings (keynote) 2020 (sched.)

Invited Short Visits

UCLA Economics Department	2008
Initiative on Global Markets, University of Chicago GSB	2008
Federal Reserve Bank of Philadelphia	2010-19
Federal Reserve Bank of Cleveland	2013-2014
Federal Reserve Bank of Atlanta	2015
Center for Economic Studies/Ifo Institute	2018
University of Rochester	2019

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-Managing Editor, <i>Journal of Urban Economics</i>	2018-
Co-Editor, <i>Journal of Urban Economics</i>	2015-2017
Editorial Staff, <i>Journal of Economic Geography</i>	2015-
Treasurer, Urban Economics Association	2015-2017
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

Referee service to the following journals and organizations

American Economic Review (Excellence in Refereeing Award, 2018), *American Economic Journal: Economic Policy*, *American Economic Journal: Applied Economics*, *American Economic Journal: Macroeconomics*, *American Economic Journal: Microeconomics*, *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 of Transportation*, *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 Economic Growth*, *Journal of Environmental Economics and Management*, *Journal of the European Economic Association*, *Journal of Housing Economics*, *Journal of Human Resources*, *Journal of International 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
Urban Economics Association Annual Meetings	2005-2017
Brookings-Wharton Conference on Urban Affairs	2006, 2008
Population Association of America Meetings	2007
National Bureau of Economic Research Summer Institute Meetings	2007, 11, 17-19
American Economic Association Meetings	2008, 2014-18
CURE Meetings	2011-2015, 18
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

University Service

Chair of PhD Admissions, Brown Univ. Economics Department	2012-2014
Executive Committee	2018-2021
Creative Destruction Lab Economist, Cities Program	2018-
Macroeconomics Hiring Committee	2016-2019
Graduate Department of Management Executive Committee	2018-2020

School of Cities Working Group & Steering Committee

2018

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
Excellence in Refereeing Award, <i>American Economic Review</i>	2018

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-
Real Estate Markets (Commerce)	2017-
Reading Group in Urban & Real Estate Economics (PhD)	2017

Past Ph.D. Student Advisees in Economics:

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, Zhi Wang, Zhichao Wei, Masaki Yamada, Hyunjoo Yang (Brown University)
Jessica Burley, Nicolas Gendron-Carrier (University of Toronto)

Currently the primary advisor for two Rotman Ph.D. students and three Ph.D. students in the Economics Department at the University of Toronto.

Participated in the University of Toronto PhD thesis defense for two students for whom I was not a main adviser.

Advised 10 undergraduate theses at Brown University.

Sponsored two undergraduate research experiences at Brown University (UTRA).

Sponsored one undergraduate research experience at the University of Toronto (UTEA).