

JASON M. BARR
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FIELDS OF INTEREST

Urban Economics, Computational Economics

POSITIONS

Professor, Rutgers University, Newark	July 2017 – Present
Director of Graduate Studies, Economics Department, RU-N	July 2008 – Present
Associate Professor, Rutgers University, Newark	July 2009 – June 2017
Assistant Professor, Rutgers University, Newark	September 2003 – June 2009

FACULTY AFFILIATIONS

RU-N Institute at NENU, Changchun, China	2016 – Present
Core Faculty, PhD Program in Global Urban Systems, RU-N	2016 – Present
Affiliated Faculty & Research Associate, PhD Program in Urban Systems, RU-N	2004 – 2016
Fellow, Newark Schools Research Collaborative	2009 – 2010
Affiliated Faculty, Institute on Education Law and Policy, RU-N	2004 – 2010

VISITING POSITIONS

Adjunct Professor, Dept. of Economics, Columbia University	Spring 2018
Adjunct Assoc. Professor, Dept. of Economics, Columbia University	Fall 2015
Visiting Researcher, Observatoire Français des Conjonctures Economiques, Paris	May 2006 – June 2006
Visiting Assistant Professor, Dartmouth College	September 2002 – June 2003

EDUCATION

COLUMBIA UNIVERSITY, Economics, Ph.D., 2002
COLUMBIA UNIVERSITY, Economics, M.A., 1997
EMERSON COLLEGE, Creative Writing, M.F.A., 1995
CORNELL UNIVERSITY, Consumer Economics and Housing, B.S. with Distinction, 1992

EDITORIAL BOARDS

Journal of Real Estate Finance and Economics
Eastern Economic Journal
Journal of Economic Interaction and Coordination

July 2018 – Present
February 2011 – Present
April 2011 – Present

BOOK

Building the Skyline: The Birth and Growth of Manhattan's Skyscrapers. (2016). Oxford University Press. Website: <http://buildingtheskyline.org/>.

JOURNAL PUBLICATIONS

“What’s Manhattan Worth? A Land Values Index, 1950-2014.” (2018). *Regional Science and Urban Economics*, 70, 1-19. (with F. Smith and S. Kulkarni).

“The Dynamics of Subcenter Formation: Midtown Manhattan, 1861-1906.” (2016). *Journal of Regional Science*, 56(5), 754-791. (with T. Tassier).

“Skyscraper Height and the Business Cycle: Separating Myth from Reality.” (2015). *Applied Economics*, 47(2), 148-160. (with B. Mizrach and K. Mundra).

“The Floor Area Ratio Gradient: New York City, 1890-2009.” (2014). *Regional Science and Urban Economics*, 48, 110-119. (with J. Cohen).

“Skyscrapers and Skylines: New York and Chicago, 1885-2007.” (2013). *Journal of Regional Science*, 53(3), 369-391.

“Skyscraper Height” (2012). *Journal of Real Estate Finance and Economics*, 45(3), 723-753.

“Bedrock Depth and the Formation of the Manhattan Skyline, 1890-1915.” (2011). *Journal of Economic History*, 71(4), 1060-1077. (with T. Tassier and R. Trendafilov).

“Skyscrapers and the Skyline: Manhattan, 1895-2004.” (2010). *Real Estate Economics*, 38(3), 567-597.

“Endogenous Neighborhood Selection and the Attainment of Cooperation in a Spatial Prisoner's Dilemma Game.” (2010). *Computational Economics*, 35(5) 211-234 (with T. Tassier).

“Organization, Learning and Cooperation.” (2009). *Journal of Economic Behavior and Organization*, 70, 39-53 (with F. Saraceno).

“Who has the Power in the EU?” (2009). *Mathematical Social Sciences*, 57(3), 339-366 (with F. Passarelli).

“Assessing the Geographic Distribution of Same Sex and Opposite Sex Couples across the United States: Implications for Claims of Causality between Traditional Marriage and Same Sex Unions.” (2008). *Review of Economics of the Household*, 8, 347-367. (with J. W. Graham).

“Cournot Competition and Endogenous Firm Size.” (2008). *Journal of Evolutionary Economics*, 18(5), 615-638. (with F. Saraceno).

“Organizations Undertaking Complex Projects in Uncertain Environments.” (2008). *Journal of Economic Interaction and Coordination*, 3, 119-135 (with N. Hanaki).

“Segregation and Strategic Neighborhood Interaction.” (2008). *Eastern Economic Journal*, 34, 480-503. (with T. Tassier).

“Preferences, the Agenda Setter, and the Distribution of Power in the EU.” (2007). *Social Choice and Welfare*, 28(1), 41-60. (with F. Passarelli).

“Charter Schools and Urban Education Improvements: A Comparison of Newark’s District and Charter Schools.” (2006). *The Urban Review*, 38(4), 291-311. (with A. Sadovnik and L. Visconti).

“Teacher Location Choice and the Distribution of Quality: Evidence from New York City.” (2005). *Contemporary Economic Policy*, 23(4), 585-600.

“Cournot Competition, Organization and Learning.” (2005). *Journal of Economic Dynamics and Control*, 29, 277-295. (with F. Saraceno).

“A Computational Theory of the Firm.” (2002). *Journal of Economic Behavior and Organization*, 49, 345-361. (with F. Saraceno).

BOOK CHAPTERS, CONFERENCE PROCEEDINGS AND OTHER PUBLICATIONS

“Economic Drivers: Skyscrapers in China” (2017). Research Report for the Council on Tall Buildings and the Urban Habitat (with Jingshu Luo).

“Introduction to the Symposium on Agent-based Modeling” (2017). *Eastern Economic Journal*, 43(2), 189-91 (with C. Ruebeck and L. Ussher).

Book review of *Model Building in Economics: Its Purpose and Limitations*. (2017). *Eastern Economic Journal*, 43(2), 370-71.

“Skyscrapers and Skylines: The Case of China.” (2016). CTBUH 2016 Shenzhen-Guangzhou-Hong Kong Conference Proceedings, 423-430 (with Jingshu Luo).

Book review of *The Great Society Subway: A History of the Washington Metro*. (2016). *Journal of Economic History*. 76(1), 251-52.

“The Economics of Skyscraper Construction in Manhattan.” (2015). *CTBUH Journal*, 4, 34-39. Reprinted in *International Journal of High-Rise Buildings* (2016), 5(2), 137-144.

“Skyscrapers and Skylines: New York and Chicago, 1885-2007,” (2014). *CTBUH Journal*, 14(1), 18-23. (4,000 word version of *JRS* article written for general audience).

“Governance, Mayoral Control and Urban School Improvement: Lessons for Newark in a Climate of Conflict” (2014). In: *The International Handbook of Cultures of Educational Policy*, vol. 2 Ed: Béatrice Boufoy-Bastick, 931-960. (with A. Sadovnik and T. Davidson).

“Introduction to Symposium” (2011). *Eastern Economic Journal, Special Issue on Agent-Based Computational Economics*, 37(1), 1-5. (with T. Tassier, and L. Ussher).

“Introduction to Symposium” (2008). *Eastern Economic Journal, Special Issue on Agent-Based Computational Economics*, 34(4), 421-422. (with T. Tassier, and L. Ussher).

“Modeling the Firm as an Artificial Neural Network” (2006). In: *Handbook of Research on Nature Inspired Computing for Economy and Management*, Ed. Jean-Philippe Rennard (with F. Saraceno).

“Firm Size Dynamics in a Cournot Computational Model.” (2006). In: *Artificial Economics: Agent-Based Methods in Finance, Game Theory and their Applications*. Eds. Mathieu, P; Beaufils, B.; Brandouy, O. Springer. (with F. Saraceno).

WORKING PAPERS

“Storm Surges, Informational Shocks, and the Price of Urban Real Estate: An Application to the Case of Hurricane Sandy.” (with J. Cohen), October 2017.

“Population Density across the City: The Case of 1900 Manhattan.” (with Teddy Ort), October 2013

“The Height Gradient in Manhattan, 1895 – 2010.” (with J. Cohen), May 2011

“Charter School Performance in New Jersey,” July 2007

GRANTS

PI: “Skyscrapers and Skylines: The Case of China,” Council on Tall Buildings and the Urban Habitat, 2015-2016.

Co-PI: “Visionmaker Jamaica Bay: Analysis of Community Generated Adaptation Strategies to Enhance Resilient Ecosystems in Jamaica Bay, New York,” WCF/National Parks Service, 2014-2016

CONFERENCES AND INVITED PRESENTATIONS

- AREUEA National Conference, June 2016
- NY Federal Reserve Policy Breakfast, Dec. 2016
- Eastern Connecticut State, November 2016
- University of Hong Kong, Department of Politics and Public Admin. Seminar, Oct. 2015
- CTBUH Conference, 2015, 2016
- Stevens Institute of Technology, October 2015
- Economic History Association Meetings, September 2015
- NYU Urban Seminar, February 2015
- American History Association Annual Meeting, January 2013
- Wake Forest Economics Department Seminar, November 2012
- Binghamton University, Economics Department Seminar, April 2012
- American Economic Association Annual Meetings, 2010, 2011, 2016

- Fordham University, Economics Department Seminar, 2007, 2010, 2012
- Columbia University Economic History Seminar, March 2010
- CUNY Queens, Economics Department Seminar, 2006, 2009
- Emory University, Economics Department Seminar, March 2009
- NBER Summer Institute Workshop on the Development of the American Economy, July 2008
- Hunter College, Economics Department Seminar, April 2008
- Lafayette College, Economics Department Seminar, February 2008, November 2016
- Annual Workshop on Economic Heterogeneous Interacting Agents, June 2007
- International Conference of the Society for Computational Economics and Finance, 2004, 2005, 2007, 2008
- Harvard University, Guzman Center for European Studies, December 2006
- Complexity2006, Aix-en-Provence, May 2006
- Eastern Economic Association Annual Meeting, 2005-2016
- Southern Economic Association Meetings, 2005, 2014
- International Workshop on Agent-Based Models for Economic Policy Design, Bielefeld, Germany, July 2005
- Joseph C. Cornwall Center for Metropolitan Studies, Rutgers University, Newark, Nov. 2004
- Roundtable Discussion on Charter Schools, Institute on Education Law and Policy, Rutgers University Newark, October 2004
- Center for Global Change and Governance, Rutgers University, Seminar, March 2004
- US. Naval Academy, Economics Department Seminar, December 2003
- Annual Meeting of the Society for the Advancement of Behavioral Economics, Lake Tahoe, Nevada, July 2003

REFEREE

Journal of Economic Behavior and Organization, Journal of Economic Dynamics and Control, Western Simulation Multiconference 2005, Structural Change and Economic Dynamics, Computational Economics, Contemporary Economic Policy, Metroeconomica, Economics of Education Review, European Economic Review, Education Evaluation and Policy Analysis, Journal of Artificial Societies and Social Simulation, Southern Economic Journal, National Science Foundation, Computational Management Science, Computational Intelligence, Netherlands Organisation for Scientific Research, Eastern Economic Journal, Real Estate Economics, Journal of Urban Economics, Journal of Economic Geography, International Journal of Technology, Policy and Management, AREA, Journal of Behavioral and Experimental Economics, Urban Studies, Cities, Urban Geography, Applied Economics, Journal of Real Estate Finance and Economics, Israel Science Foundation, Management & Organizational History, Journal of Regional Science, Review of Economics and Statistics, Journal of Housing and the Built Environment.

MEDIA PUBLICATIONS

“Asia Dreams in Skyscrapers.” (2017). [New York Times](#), October 11.

“Unshackle New York: A Lot of Zoning Rules are Outdated or Never Made Sense to Begin With.” (2017). [Crain’s New York Business](#), April 17.

“Manhattan Real Estate: What's Next?” (2016). <http://www.realclearmarkets.com>, February 8 (with Anna Scherbina).

“The Myth of the Skyscraper Index” (2012). [History News Network](#), December 17.

“Spagna e Polonia Reclamano il Potere si Veto dei 4 Grandi.” (2003) *Sole 24 Ore*, November 11, p. 3., Op-Ed article. (with F. Passarelli)

“Getting Teachers to Leave Home.” (2005) *Crain’s New York Business*, Letter to the Editor, October 24.

CLASSES TAUGHT

Introduction to Microeconomics, Rutgers University
Intermediate Microeconomics, Rutgers University
Industrial Organization and Game Theory, Rutgers University
Introduction to Statistics, Dartmouth College, Rutgers University
Introduction to Econometrics, Dartmouth College, Rutgers University
Urban and Regional Economics, Rutgers University, Columbia University
Economic History of Newark, Honors College, Rutgers University
Economic History of New York City, Honors College, Rutgers University
Seminar in Applied Economics, Rutgers University

OTHER WORK EXPERIENCE

Labor Relations Analyst, Mayor’s Office of Labor Relations, New York City 2001- 2002

PROFESSIONAL ACTIVITIES

Founder and co-organizer: New York City Computational Economics & Complexity Workshop
Member: American Economic Association, Eastern Economics Association, Society for Computational Economics and Finance
