

Spring 2017  
DUKE UNIVERSITY  
Department of Economics

## Economics 345/554: URBAN ECONOMICS

### Course outline and lots of literature

As we come to each topic, we will give an updated a list of required and optional readings. You should regard the following more of a starting bibliography than a reading list. **The most important papers are starred (\*) and highlighted.** Others are optional and good choices for your technical review.

You should also see this list as a guide, rather than something you are expected to master. The McDonald and McMillen text is the core, and you should read it. You are also responsible for everything covered in the notes. If that material is technical, we will cover it in class, and not expect you to cover much else. If it is not terribly technical from the standpoint of theoretical difficulty, we will expect you to read one or more of the optional readings, and be prepared to discuss it in class. Finally, we should note that many of the topic delineations (and hence reading assignments) are rather arbitrary. Don't worry about it: as the semester progresses, earlier pieces will fit into the topics we are discussing. The structure as presently designed is one that bounces back and forth, gradually building technical models during the course of the semester, rather than providing half a semester of grueling models, followed by policy and implications. We think you'll enjoy this mixed approach more.

#### 2017 new readings

Victor Yifan Ye, Charles M. Becker (2016), The Z-axis: Elevation Gradient Effects in Urban America, ERID working paper no. 217

Victor Yifan Ye, Charles M. Becker (2016), Anticipation, Distance, Elevation: Multi-dimensional Gradients in Urban Spatial Modelling, ERID working paper no. 202

Peter Blair (2014), The Effect of Outside Options on Neighborhood Tipping Points, available at [http://media.wix.com/ugd/805360\\_e3ebd514029947f1901264b99ce9c052.pdf](http://media.wix.com/ugd/805360_e3ebd514029947f1901264b99ce9c052.pdf)

Abdulkadiroglu, Atila, Parag Pathak, and Christopher Walters, "School vouchers and student achievement: first year evidence from the Louisiana scholarship program," NBER working paper 21839, Dec 2015.

Joseph Gyourko, Donald B. Keim (1993), Risks and Returns of Investing in Real Estate: Evidence from a Real Estate Stock Index, *Financial Analysts Journal*.

Sander, Richard and Yana Kucheva, 2016, "Black pioneers, intrametropolitan movers, and housing desegregation, US Census, working paper CES 16-23.

Brazil, Noli, 2016, "Large-Scale Urban Riots and Residential Segregation: A Case Study of the 1960s U.S. Riots," *Demography* **53**: 567-595.

Diamond, Rebecca and Timothy McQuade, 2016, "Who wants affordable housing in their backyard? An equilibrium analysis of low income property development," NBER working paper 22204.

Edlund, Lena, Cecilia Machado and Michaela Sviatchi, 2015, "Bright minds, big rent: gentrification and the rising returns to skill," NBER working paper 21729.

Ehrsam, Frederick, 2010, "The downfall of Durham's historic Hayti: propagated or preempted by urban renewal?" *Duke Journal of Economics*.

Owen, Jenni and Megan Kauffmann. 2014. "The end of a diversity policy? Wake County public schools and student assignment." Case study. Syracuse University, Maxwell School of Government, Program for the advancement of research on conflict and collaboration (E-PARCC).

Fischel, William, 2010, "Neither 'creatures of the state' not 'accidents of geography': the creation of American public school districts in the twentieth century," longer version on author's website of paper published in the *University of Chicago Law Review* 77.

Fischel, William, 2001, "Why are there NIMBYs?" *Land Economics* 77(1): 144-152.

Galiani, Sebastian, Ivan Lopez Cruz, and Gustavo Torrens, 2016, "Stirring up a hornets' nest: geographic distribution of crime," NBER working paper 22166.

Gill, Indermit and Chor-Ching Goh, 2009, "Scale economies and cities," *World Bank Research Observer*.

Gyourko, Joseph and Joseph Tracy, 2014, "Reconciling theory and empirics on the role of unemployment in mortgage default," *Journal of Urban Economics* 80: 87-96.

Fischel, William A. "Homevoters, municipal corporate governance, and the benefit view of the property tax." *National Tax Journal* (2001): 157-173.

Campbell, John Y., Tarun Ramadorai, and Benjamin Ranish. "The impact of regulation on mortgage risk: Evidence from India." *American Economic Journal: Economic Policy* 7.4 (2015): 71-102.

Goswami, Arti Grover, and Somik V. Lall. "Jobs in the city: explaining urban spatial structure in Kampala." *World Bank Policy Research Working Paper* 7655 (2016).

Kok, Nils, Paavo Monkkonen, and John M. Quigley. "Land use regulations and the value of land and housing: An intra-metropolitan analysis." *Journal of Urban Economics* 81 (2014): 136-148.

Li, Shanjun, et al. "Wheels of Fortune: Subway Expansion and Property Values in Beijing." *Journal of Regional Science* (2016, in press).

Liu, Tie-Ying, et al. "China's housing bubble burst?" *Economics of Transition* 24.2 (2016): 361-389.

Lipscomb, Joseph and Harold Hunt, 1999, "Mexican mortgages: structure and default incentives, historical simulation, 1982 to 1998," *Journal of Housing Research* 10(2).

Glaeser, Edward L., and Charles G. Nathanson. *An extrapolative model of house price dynamics*. No. w21037. National Bureau of Economic Research, 2015.

Tsharkyan, Ashot, and Petr Zemčík. "Did rent deregulation alter tenure choice decisions in the Czech Republic?" *Economics of Transition* (2016).

Fischel, William A. "An economic history of zoning and a cure for its exclusionary effects." *Urban Studies* 41.2 (2004): 317-340.

Williams, Barbara, 2004, "These old houses 2001," US Census Bureau, Current Housing Reports H121/04-1.

Sommeiller, Estelle, Mark Price, and Ellis Wazeter, 2016, "Income inequality in the US by state, metropolitan area, and county," Washington DC: Economic Policy Institute.

Giles-Corti, Billie, et al. "The influence of urban design on neighborhood walking following residential relocation: longitudinal results from the RESIDE study." *Social Science & Medicine* 77 (2013): 20-30.

Wulsin, John. 2009. "An Analysis of the effects of public school quality on house prices in Durham, North Carolina," *Duke Journal of Economics*.

Wandey, Frederic. "A Confidence Interval for Default and Prepayment Predictions of Manufactured Housing Seasoned Loans." *University of Minnesota Applied Economics Workshop*. 2006.

Ellis, Peter and Mark Roberts. 2016. *Leveraging Urbanization in South Asia*. Washington, DC: World Bank.

Bayer, Patrick, Robert McMillan, and Kim S. Rueben. "What drives racial segregation? New evidence using Census microdata." *Journal of Urban Economics* 56.3 (2004): 514-535.

Kim, Jin-Hyuk, Tin Cheuk Leung, and Liad Wagman. "Neighborhood Externalities, Rental Regulation, and Property Values." *Rental Regulation, and Property Values (March 25, 2016)* (2016).

Webster, Chris, et al. "Informality, property rights, and poverty in China's "favelas"." *World Development* 78 (2016): 461-476.

Figlio, David N., and Deborah Fletcher. "Suburbanization, demographic change and the consequences for school finance." *Journal of Public Economics* 96.11 (2012): 1144-1153.

Goffette-Nagot, Florence, and Modibo Sidibé. "Housing wealth accumulation: The role of public housing." *Regional Science and Urban Economics* 57 (2016): 12-22.

Boadway, Robin, and Jean-François Tremblay. "Reassessment of the Tiebout model." *Journal of Public Economics* 96.11 (2012): 1063-1078.

Li, Lingxiao and Steven Malpezzi. 2015. "Housing supply and regulation in 35 Chinese cities," Lincoln Institute of Land Policy working paper WP15LL1.

Liu, Shimeng. "Spillovers from universities: Evidence from the land-grant program." *Journal of Urban Economics* 87 (2015): 25-41.

Liu, Tie-Ying, et al. "China's housing bubble burst?" *Economics of Transition* 24.2 (2016): 361-389.

Fang, Hanming, et al. "Demystifying the Chinese housing boom." *NBER Macroeconomics Annual 2015, Volume 30*. University of Chicago Press, 2015.

Glaeser, Edward, Joshua Gottlieb, and Kristina Tobio, 2012. "Housing booms and city centers," NBER working paper 17914.

Henderson, J. Vernon, Adam Storeygard, and David N. Weil. "Measuring economic growth from outer space." *American Economic Review* 102.2 (2012): 994-1028.

Aliprantis, Dionissi, and Daniel Hartley. "Blowing it up and knocking it down: The local and city-wide effects of demolishing high concentration public housing on crime." *Journal of Urban Economics* 88 (2015): 67-81.

Bayer, Patrick, Fernando Ferreira, and Stephen L. Ross. "The vulnerability of minority homeowners in the housing boom and bust." *American Economic Journal: Economic Policy* 8.1 (2016): 1-27.

Bayer, Patrick, and Robert McMillan. "Tiebout sorting and neighborhood stratification." *Journal of Public Economics* 96.11 (2012): 1129-1143.

Bayer, Patrick, Fernando Ferreira, and Stephen L. Ross. *What Drives Racial and Ethnic Differences in High Cost Mortgages? The Role of High Risk Lenders*. No. w22004. National Bureau of Economic Research, 2016.

Bhutta, Neil, and Benjamin J. Keys. "Interest rates and equity extraction during the housing boom." (2016). *American Economic Review* 106(7).

Blumenberg, Evelyn, Gregory Pierce, and Michael Smart. "Transportation Access, Residential Location, and Economic Opportunity: Evidence from Two Housing Voucher Experiments." *Cityscape* 17.2 (2015): 89.

Bricker, Jesse, and Brian Bucks. "Negative home equity, economic insecurity, and household mobility over the Great Recession." *Journal of Urban Economics* 91 (2016): 1-12.

Schuetz, Jenny, et al. "Investing in Distressed Communities: Outcomes from the Neighborhood Stabilization Program." *Cityscape* 17.2 (2015): 279.

Smith, Robin E., et al. "What Happens to Housing Assistance Leavers?" *Cityscape* 17.3 (2015): 161.

Cui, Lin, and Randall Walsh. "Foreclosure, vacancy and crime." *Journal of Urban Economics* 87 (2015): 72-84.

## Overview: thinking of cities from an economic perspective

### Introductory Lecture: Why do cities exist?

- McDonald & McMillen, Chs. 1-3. \*
- Richard Arnott and Daniel McMillen, Eds., 2006, *A Companion to Urban Economics*. Malden, MA: Blackwell; part I (chapters 1-4).
- Glaeser, Edward, 2005, "Reinventing Boston: 1630-2003," *Journal of Economic Geography* 5(2): 119-154.
- Thisse, Jacques-Francois, 2014, "The New Science of Cities by Michael Batty: The opinion of an economist," *Journal of Economic Literature* 52(3): 805-819.

### Stylized facts and patterns I: big and small cities

- Edward Glaeser. 1998. "Are cities dying?" *Journal of Economic Perspectives* 12(2). \*
- Bruce Katz and Robert Lang, Eds. 2003. *Redefining Urban and Suburban America: Evidence from Census 2000, Vol. 1*. Washington, DC: Brookings. Chapters TBA.
- J. Vernon Henderson and Anthony Venables, 2008, "The dynamics of city formation," Cambridge, MA: NBER working paper 13769.
- Michaels, Guy, Ferdinand Rauch, and Stephen Redding, 2012, "Urbanization and structural transformation," *Quarterly Journal of Economics* 127(2): 535-586.
- Buonanno, Paolo, Francesco Drago, Roberto Galbati, and Giulio Zanalla, 2011, "Crime in Europe and the US: dissecting the "reversal of misfortunes," unpublished ms.
- Guerrieri, Veronica, Daniel Hartley, and Erik Hurst, 2012, "Within-city variation in urban decline: the case of Detroit," *American Economic Review* 102(3): 120-126.
- Glaeser, Edward, Joshua Gottlieb, and Kristina Tobio, 2012, "Housing booms and city centers," *American Economic Review* 102(3): 127-133.

### Stylized facts and patterns II: central place theory

- McDonald & McMillen, Ch. 4 and 5 \*
- Kenneth Rosen and Mitchell Resnick. 1980. "The size distribution of cities: an examination of the Pareto law and primacy." *Journal of Urban Economics* 8: 165-186.

### Stylized facts and patterns III: urban economic growth

- McDonald & McMillen, Chs. 22.\*
- Gavin Wright. 1987. "The economic revolution in the American south." *Journal of Economic Perspectives* 1(1): 161-178.
- Jordan Rappaport, 2005. "The shared fortunes of cities and suburbs," *Federal Reserve Bank of Kansas City Economic Review* 2005 Third Quarter: 33-60, <http://sbmt.bsu.by/news/indexru.htm>; data set also available.
- Jordan Rappaport, 2007, "Moving to nice weather," *Regional Science & Urban Economics* 37: 375-398.
- William H. Frey and Kao-Lee Liaw, 2005. "Migration within the United States: role of race-ethnicity," *BWPUA* 2005: 207-248.
- Edward Glaeser and Kristina Tobio, 2007, "The rise of the sunbelt," Cambridge, MA: Harvard University, Department of Economics, *HIER discussion paper no. 2135*.
- Glaeser, Edward, 2013, "A review of Enrico Moretti's *The New Economics of Jobs*," *Journal of Economic Literature* 51(3): 825-837.
- Glaeser, Edward, Heidi Kallal, Jose Scheinkman, and Andrei Schleifer, 1992, "Growth in cities," *Journal of Political Economy* 100(6): 1126-1152.
- Guerrieri, Veronica, Daniel Hartley and Erik Hurst, 2012, "Within-city variation in urban decline: the case of Detroit," *American Economic Review* 102(3): 120-126.
- Malpezzi, Stephen, 2006, "Cross-country patterns of urban development," Ch. 4 in Richard Arnott and Daniel McMillen, eds., *A Companion to Urban Economics*. Basil Blackwell.

## Economic Models of Cities

### Land rent and urban structure

- McDonald & McMillen, Ch. 6\*
- Edwin Mills and Bruce Hamilton. 1989. *Urban Economics* (Ed 4). Glencoe, IL: Scott-Foresman, Appendix A "Simplified mathematical model of urban structure." \*
- Kenneth Small and S. Song. 1994 (November). "Population and employment densities: structure and change." *Journal of Urban Economics*: 292-313.

### Land use in the monocentric and modern cities

- McDonald & McMillen, Chs. 7-8\*
- Richard Arnott and Daniel McMillen, Eds., 2006, *A Companion to Urban Economics*. Malden, MA: Blackwell; chapters 5-6.
- Jan Brueckner, J-F Thisse, and Yves Zenou. 1999. "Why is central Paris rich and downtown Detroit poor? An amenity-based theory." *European Economic Review* 43: 91-107.\*
- Edward Glaeser and Giacomo Ponzetto, 2007, "Did the death of distance hurt Detroit and help New York?" Cambridge, MA: NBER *working paper* 13710.
- Alain Bertaud and Stephen Malpezzi, 2003, "The spatial distribution of population in 48 world cities: Implications for economies in transition," Madison, WI: University of Wisconsin, Center for Urban Land Economics Research, unpublished ms.
- Thomas Nechyba and Randall Walsh, 2004. "Urban sprawl," *Journal of Economic Perspectives*, 18(4): 177-200.
- Edward Glaeser, Matthew Kahn, and Chenghuan Chu. 2001. "Job sprawl: employment location in US metropolitan areas." *Brookings Institution Survey Series* (May): 1-8.
- Andrew Plantinga and Stephanie Bernell, 2007, "The association between urban sprawl and obesity: is it a two-way street?" *Journal of Regional Science* 47(5): 857-879.
- Matthew Turner, 2006, "A simple theory of smart growth and sprawl," *Journal of Urban Economics* 61: 21-44.

- J. Vernon Henderson and Arindam Mitra. 1996. "The new urban landscape: developers and edge cities." *Regional Science & Urban Economics* **26**: 613-643.
- Stephen LeRoy and Jon Sonstelie. 1983. "Paradise lost and regained: transportation innovation, income, and residential segregation." *Journal of Urban Economics* **13**: 67-89.
- Edward Glaeser and Janet Kohlhase, 2003, "Cities, regions, and the decline of transport costs," Cambridge, MA: Harvard University, Department of Economics, *HIER discussion paper no. 2014*.
- Baum-Snow, Nathaniel, 2007, "Did highways cause suburbanization?" *Quarterly Journal of Economics* (May): 774-805.

#### **Agglomeration and other economies**

- McDonald & McMillen, Chs. 22-23. \*
- Gordon Hanson. 2001. "Scale economies and the geographic concentration of industry." *Journal of Economic Geography* **1**: 255-276.
- Edward Glaeser, Albert Saiz, Gary Burtless, and William Strange, 2004. "The rise of the skilled city," in William Gale and Janet Rothenberg Pack, Eds. *Brookings-Wharton Papers on Urban Affairs 2004*. Washington, DC: Brookings. \*
- Gyourko, Joseph, Christopher Mayer, and Todd Sinai, 2013, "Superstar cities" *American Economic Journal: Economic Policy* **5**(4): 167-199.
- Yannis Ioannides, Henry Overman, Esteban Rossi-Hansberg, and Kurt Schmidheiny, 2007, "The effect of information and communication technologies on urban structure," Munich: CESifo *working paper 2049*.
- Paolo Epifani, 2005, "Heckscher-Ohlin and agglomeration," *Regional Science & Urban Economics* **35**: 645-657.
- Shihe Fu, 2007, "Smart café cities: testing human capital externalities in the Boston metropolitan area," *Journal of Urban Economics* **61**: 86-111.
- Joshua Drucker and Edward Feser, 2007, "Regional industrial dominance, agglomeration economies, and manufacturing plant productivity," Washington, DC: US Bureau of the Census, Center for Economic Studies, *working paper CES 07-31*.
- Sabrina Di Addario and Eleonora Patacchini, 2007, "Wages and the city: evidence from Italy," Milan: University of Milan Department of Economics, Centro Studi Luca d'Agliano, *development studies working paper no. 231*.
- Baum-Snow, Nathaniel, and Ronni Pavan, 2012, "Understanding the city size wage gap," *Review of Economic Studies* **79**: 88-127.
- Behrens, Kristian, Gilles Duranton, and Frederic Robert-Nicoud, 2014, "Productive cities: sorting, selection, and agglomeration," *Journal of Political Economy* **122**(3): 507-553.
- Ahlfeldt, Gabriel et al., 2012, "The economics of density: evidence from the Berlin Wall," LSE: Centre for Economic Performance working paper.

#### **Land use controls, zoning, and the Tiebout model**

- McDonald & McMillen, Ch. 14. \*
- William Fischel, 2004, "An economic history of zoning and a cure for its exclusionary effects," *Urban Studies* **41**(2): 317-340. \*
- Charles Tiebout. 1956. "A pure theory of local expenditures." *Journal of Political Economy* **64**: 416-24. \*
- Fischel, William, 2001, "Homevoters, municipal corporate governance, and the benefit view of the property tax," *National Tax Journal* **54**(1).
- Casey Dawkins and Arthur Nelson, 2002, "Urban containment policies and housing prices: an international comparison with implications for future research," *Land Use Policy* **19**: 1-12.
- Paul Thorsnes and John Reifel, 2007, "Tiebout dynamics: neighborhood response to a central-city/suburban house-price differential," *Journal of Regional Science* **47**(4): 693-719.
- Theodore Crone, 2006 (August), "Capitalization of the quality of local public schools: what do home buyers value?" Philadelphia, PA: Federal Reserve Bank of Philadelphia, *working paper no. 06-15*.
- Edward Glaeser and Joseph Gyourko, 2002, "The impact of zoning on housing affordability," Cambridge, MA:

Harvard University, Department of Economics, *HIER discussion paper no. 1948*.

- Edwin Mills, 2006, "Sprawl and jurisdictional fragmentation," in William Gale and Janet Rothenberg Pack, Eds. *Brookings-Wharton Papers on Urban Affairs 2006*. Washington, DC: Brookings, pp. 231-256.
- Thomas Nechyba, 2003. "School Finance, Spatial Income Segregation and the Nature of Communities," *Journal of Urban Economics* **54**(1), 61-88, July.
- Raquel Fernandez and Richard Rogerson, 1997, "Keeping people out: income distribution, zoning, and the quality of public education," *International Economic Review* **38**(1): 23-42.
- Patacchini, Eleonora and Yves Zenou, 2009, "Urban sprawl in Europe," *Brookings-Wharton Papers on Urban Affairs*, pp. 125-149.
- Banzhaf, Spencer and Randall Walsh, 2013, "Segregation and Tiebout sorting; the link between place-based investments and neighborhood tipping," *Journal of Urban Economics* **74**: 83-98
- Bayer, Patrick and Robert McMillan, 2012, "Tiebout sorting and neighborhood stratification," *Journal of Public Economics*.
- Boustan, Leah Platt, 2013, "Local public goods and demand for high-income municipalities," *Journal of Urban Economics* **76**: 71-82.
- Boustan, Leah and Tobert Margo, 2013, "A silver lining to white flight? White suburbanization and African-American homeownership, 1940-1980," *Journal of Urban Economics* **78**: 71-80.

## US Racial Housing Segregation and housing demand

### Household sorting, search costs, and segregation

- McDonald & McMillen, Chs. 9-10. 17-21. \*
- D.M. Chambers. 1992 (September). "The racial housing price differential in racially transitional neighborhoods." *Journal of Urban Economics*: 214-232.
- J.B. Cullen and Steven Levitt. 1999. "Crime, urban flight, and the consequences for cities." *Review of Economics & Statistics* **81**: 159-169. \*
- Helen Ladd. 1998. "Evidence on discrimination in mortgage lending." *Journal of Economic Perspectives* **12**(2).\*
- Stephen Ross, Margery Austin Turner, Erin Godfrey, and Robin Smith, 2008, "Mortgage lending in Chicago and Los Angeles: a paired-testing study of the pre-application process," *Journal of Urban Economics* **63**: 902-919.
- Patrick Bayer, Hanming Fang, and Robert McMillan, 2005, "Separate when equal? Racial sorting and residential segregation," New Haven, CT: Yale University, Department of Economics, unpublished ms. \*
- R. Alan Walks and Larry S. Bourne, 2006, "Ghettos in Canada's cities? Racial segregation, ethnic enclaves and poverty concentration in Canadian urban areas," *Canadian Geographer* **50**(3): 273-297.
- Paul Courant, 1978, "Racial prejudice in a search model of the urban housing market." *Journal of Urban Economics* **5**: 329-345. \*
- Bo Zhao, 2005. "Does the number of houses a broker shows depend on a homeseeker's race?" *Journal of Urban Economics* **57**(1): 128-147.
- Alicia Munnell, LE Browne, J. McEarney, and GMB Tootell. 1996 (March). "Mortgage Lending in Boston: interpreting HMDA data." *American Economic Review*: 25-53. \*
- Casey Dawkins, 2007, "Space and the measurement of income segregation," *Journal of Regional Science* **47**(2): 255-272.
- Tara Watson, 2006, "Metropolitan growth, inequality, and neighborhood segregation by income," in William Gale and Janet Rothenberg Pack, Eds. *Brookings-Wharton Papers on Urban Affairs 2006*. Washington, DC: Brookings.
- Rucker C. Johnson. 2006, "Landing a job in urban space: the extent and effects of spatial mismatch," *Regional Science & Urban Economics* **36**: 331-372.
- Christian Hilber and Yingchun Liu, 2008, "Explaining the black-white homeownership gap: the role of own wealth, parental externalities and locational preferences," *Journal of Housing Economics* **17**: 152-174.\*
- David Cutler, Edward Glaeser, and Jacob Vigdor, 2008, "When are ghettos bad? Lessons from immigrant

segregation in the United States,” Cambridge, MA: Harvard University, Department of Economics *HIER discussion paper no. 2152*.

- Gregory Fairchild, 2007, “Ecological succession via gentrification: the response of incumbent entrepreneurs,” Charlottesville, VA: University of Virginia, Darden Business School *working paper no. 1019574*.
- Fahui Wang, 2007, “Job access in disadvantaged neighborhoods in Cleveland, 1980-2000: Implications for spatial mismatch and association with crime patterns,” *Cityscape* 9(3).
- Sarah Reber, 2007, “School desegregation and educational attainment for blacks,” Cambridge, MA: NBER *working paper 13193*.
- Collins, William and Katherine Shester, 2013, “Slum clearance and urban renewal in the United States,” *American Economic Journal: Applied Economics* 5(1): 239-273.
- Baum-Snow, Nathaniel and Byron Lutz, 2011, “School desegregation, school choice, and changes in residential patterns by race,” *American Economic Review* 101: 3019-3046.
- Bayer, Patrick, Hanming Fang, and Robert McMillan, 2011, “Separate when equal: racial inequality and residential segregation,” unpublished ms.
- Caetano, Grigorio and Vikram Maheshri, 2012, “School segregation and the identification of tipping points,” unpublished ms.
- Bayer, Patrick, Marcus Casey, Fernando Ferreira, and Robert McMillan, 2013, “Estimating racial price differentials in the housing market,” Durham, NC: Duke University Department of Economics *ERID working paper no. 142*.
- Cascio, Elizabeth, and Ethan Lewis, 2012, “Cracks in the melting pot: immigration, school choice, and segregation” *American Economic Journal: Economic Policy* 4(3): 91-117.
- Kwate, Naa Oyo, Melody Goodman, Jerrold Jackson, and Julen Harris, 2013, “Spatial and racial patterning of real estate broker listings in New York City,” *Review of Black Political Economy* 40: 401-424.
- Price, Gregory, 2012, “Does long-term public housing residency create a stigma that limits economic mobility?” Atlanta, GA: Morehouse College Department of Economics, unpublished ms.
- Rauh, Alison, 2013, “Convergence between Black immigrants and Black natives across and within generations,” University of Chicago Department of Economics unpublished ms.
- Saunders, Lisa, 2012, “Employment and earnings: a case study of urban Detroit,” *Review of Black Political Economy* 39: 107-119.
- Angrist, Joshua, Parag Pathak, and Christopher Walters, 2013, “Explaining charter school effectiveness,” *American Economic Journal: Applied Economics* 5(4): 1-27.
- Dobbie, Will, and Roland Fryer, Jr., 2013, “Getting beneath the veil of effective schools: evidence from New York City,” *American Economic Journal: Applied Economics* 5(4): 28-60.
- Rothstein, Richard, 2014, “The making of Ferguson,” Washington, DC: Economic Policy Institute.
- Rauh, Alison, 2013, “Convergence between Black immigrants and Black natives across and within generations,” University of Chicago, unpublished ms.
- Black, Dan, Natalia Kolesnikova, and Lowell Taylor, 2010, “The economic progress of African Americans in urban areas: a tale of 14 cities,” *Federal Reserve Bank of St. Louis review* 92(5): 353-379.
- Darity, William and Darrick Hamilton, Eds. 2015 (June), special issue on stratification economics (see especially papers by Ards *et al.*) *Review of Black Political Economy* 42(1-2).
- Institute for Southern Studies, 2015 (May 8), “The most racially segregated cities in the South,” web posting.
- Cox, Robynn, 2015 (January), “Where do we go from here? Mass incarceration and the struggle for civil rights,” Washington, DC: Economic Policy Institute.
- Logan, Trevon and John Parman, 2015, “The rise in residential segregation,” Cambridge, MA: NBER *working paper 29034*.

#### More models

- Alex Anas, Richard Arnott, and Kenneth Small. 1998 (September). “Urban spatial structure.” *Journal of Economic Literature*: 1426-1464.



- N. Gregory Mankiw and David Weil, 1989, “The baby boom, the baby bust, and the housing market,” *Regional Science & Urban Economics* **19**: 235-258. Also see critics and their response in volume **21**.
- John Metzger, 2000, “Planned abandonment: The neighborhood life-cycle theory and national urban policy,” *Housing Policy Debate* **11**(1): 7-40.
- Keith Ihlanfeldt, 2005 (November), “The effect of land use regulation on housing and land prices,” Tallahassee: Florida State University, Department of Economics, unpublished ms.
- Damm, Anna Piil and Christian Dustmann, 2014, “Does growing up in a high crime neighborhood affect youth criminal behavior?” *American Economic Review* **104**(6): 1806-1832.

## Real Estate

### Real Estate Law, Institutions, and Markets (demand and supply)

- McDonald & McMillen, Chs. 11-13. \*
- Michelle White. 1986. “Property taxes and urban housing abandonment.” *Journal of Urban Economics* **20**: 312-330. \*
- Edward Glaeser and Jesse Shapiro, 2002, “The benefits of the home mortgage interest deduction,” Cambridge, MA: Harvard University, Department of Economics, *HIER discussion paper no. 1979*.
- Richard Arnott and Daniel McMillen, Eds., 2006, *A Companion to Urban Economics*. Malden, MA: Blackwell; chapters 9, 12, 13, 14.
- Edward Glaeser, Joseph Gyourko, and Raven Saks 2005, “Urban growth and housing supply,” Cambridge, MA: Harvard University, Department of Economics, *HIER discussion paper no. 2062*.
- Richard Arnott, 2006, “Effects of property taxation on development timing and density,” in William Gale and Janet Rothenberg Pack, Eds. *Brookings-Wharton Papers on Urban Affairs 2006*. Washington, DC: Brookings.
- Tom Hertz, *et al.*, 2007, “The inheritance of educational inequality: international comparisons and fifty-year trends,” *B.E. Journal of Economic Analysis & Policy* **7**(2) (Advanced: article 10)
- Terra McKinnish, Randall Walsh, and T. Kirk White, 2008, “Who gentrifies low income neighborhoods?” Washington, DC: US Bureau of the Census, Center for Economic Studies *discussion paper CES 08-02*.
- John Quigley and Stephen Raphael, 2004, “Is housing unaffordable? Why isn’t it more affordable?” *Journal of Economic Perspectives* **18**(1): 129-152.
- Scott Susin, 2002, “Rent vouchers and the price of low-income housing” *Journal of Public Economics* **83**: 109-152.
- Ilho Yoo and Inhyouk Koo, 2008, “Do children support their parents’ application for reverse mortgages? A Korean case,” Seoul: Korean Development Institute *working paper 08-03*.
- Erling Røed Larson and Steffen Weum, 2008, “Testing the efficiency of the Norwegian housing market,” *Journal of Urban Economics*, in press.
- David Sims, 2007, “Out of control: what can we learn from the end of Massachusetts rent control?” *Journal of Urban Economics* **61**: 129-151.
- Robert Helsley and William Strange, 2008, “A game-theoretic analysis of skyscrapers,” *Journal of Urban Economics* **64**: 49-64.\*
- Xudong An, Raphael Bostic, Yongheng Deng, and Stuart Gabriel, 2007, “GSE loan purchases, the FHA, and housing outcomes in targeted, low-income neighborhoods,” *Brookings-Wharton Papers on Urban Affairs*, pp. 205-256.
- Dwight Jaffee and John Quigley, 2007, “Housing subsidies and homeowners: what role for government-sponsored enterprises?” *Brookings-Wharton Papers on Urban Affairs*, pp. 103-149.
- Michael LaCour-Little, 2007, “The home purchase mortgage preferences of low- and moderate-income households,” *Real Estate Economics* **35**(3): 265-290.

### Mobile homes

- Maria Marshall and Thomas Marsh, 2007, “Consumer and investment demand for manufactured housing units,” *Journal of Housing Economics* **16**: 59-71.
- Carl Mason and John Quigley, 2007, “The curious institution of mobile home rent control,” *Journal of Housing Economics* **16**: 189-208.\*

- Diehang Zheng, Yongheng Deng, Peter Gordon, and David Dale-Johnson, 2007, “An examination of the impact of rent control on mobile home prices in California,” *Journal of Housing Economics* **16**: 209-242.
- Dirk Early, 1998, “The role of subsidized housing in reducing homelessness: an empirical investigation using micro-data,” *Journal of Policy Analysis & Management* **17**(4): 687-696.
- DiPasquale, Denise and Edward Glaeser, 1999, “Incentives and social capital: are homeowners better citizens?” *Journal of Urban Economics* **45**:354-384.

#### Real estate asset valuation, development, and investment

- Raymond Palmquist, Fritz Roka, and Tomislav Vukina, 1997, “Hog operations, environmental effects, and residential property values.” *Land Economics* **73**(1): 114-124.\*
- Okmyung Kim, Jamie Brown Kruse, and Craig Landry, 2008, “Flood hazards, insurance rates, and amenities: Evidence from the coastal housing market,” *Journal of Risk & Insurance* **75**(1): 63-82.\*
- N. Edward Coulson and Daniel McMillen, 2008, “Estimating time, age, and vintage effects in housing prices,” *Journal of Housing Economics* (in press).
- Raphael Bostic, Stanley Longhofer, and Christian Redfearn, 2007, “Land leverage: decomposing home price dynamics,” *Real Estate Economics* **35**(2): 183-208.\*
- Geoffrey Turnbull, Jonathan Dombrow, and CF Sirmans, 2006, “Big house, little house: relative size and value,” *Real Estate Economics* **34**(3): 439-456.
- John Harding, Stuart Rosenthal, and CF Sirmans, 2007, “Depreciation of housing capital, maintenance, and house price inflation: estimates from a repeat sales model,” *Journal of Urban Economics* **61**: 193-217.\*
- Masayuki Nakagawa, Makota Saito, and Hisaki Yamaga, 2007, “Earthquake risk and housing rents: evidence from the Tokyo metropolitan area,” *Regional Science & Urban Economics* **37**: 87-99.
- Douglas Noonan, Douglas Krupka, and Brett Baden, 2007, “Neighborhood dynamics and price effects of Superfund site clean-up,” *Journal of Regional Science* **47**(4): 665-692.
- Grace Wong, 2008, “Has SARS infected the property market? Evidence from Hong Kong,” *Journal of Urban Economics* **63**: 74-95.
- Alberto Abadie and Sofia Dermisi, 2008, “Is terrorism eroding agglomeration economies in central business districts? Lessons from the office real estate market in downtown Chicago,” Harvard University, Kennedy School of Government, *HKS faculty research working paper RWP08-019*.
- Jaren Pope, 2008, “Buyer information and the hedonic: the impact of a seller disclosure on the implicit price for airport noise,” *Journal of Urban Economics* **63**: 498-516.
- David M. Brasington and Diane Hite, 2008, “A mixed index approach to identifying hedonic price models,” *Regional Science & Urban Economics* **38**: 271-284 (not for the casual, non-econometrically-oriented reader).
- Charles Clotfelter. 1975. “The effect of school desegregation on housing prices.” *Review of Economics & Statistics* **57**: 446-451.
- Caroline Hoxby, 2000, “Does competition among public schools benefit students and taxpayers,” *American Economic Review* **90**(5): 1209-1238.
- C.Y. Yiu and C.S. Tam, 2007, “Housing price gradient with two workplaces – an empirical study in Hong Kong,” *Regional Science & Urban Economics* **37**: 413-429.
- Morris Davis and Michael Palumbo, 2008, “The price of residential land in large US cities,” *Journal of Urban Economics* **63**: 352-384.\*
- Andrew Haughwout, James Orr, and David Bedoll, 2008, “The price of land in the New York metropolitan area,” New York: Federal Reserve Bank of New York *Current Issues in Economics & Finance* **14**(3): 1-7.
- Robert Schiller, 2008, “Derivatives markets for home prices,” Cambridge, MA: NBER *working paper 13962*.\*
- Andrey Pavlov and Susan Wachter, 2006, “The inevitability of marketwide underpricing of mortgage default risk,” *Real Estate Economics* **34**(4): 479-496.\*
- Richard Dye and Daniel McMillen, 2007, “Teardowns and land values in the Chicago metropolitan area,” *Journal of Urban Economics* **61**: 45-63.
- John Clapp, Anupam Nanda, and Stephen Ross, 2008, “Which school attributes matter? The influence of

school district performance and demographic composition on property values,” *Journal of Urban Economics* **63**: 451-466.

- Zhengu Lin and Kerry Vandell, 2007, “Illiquidity and pricing biases in the real estate market,” *Real Estate Economics* **35**(3): 291-330.
- Avanidhar Subrahmanyam, 2007, “Liquidity, return and order-flow linkages between REITs and the stock market,” *Real Estate Economics* **35**(3): 383-408.\*
- Colin Lizieri, Stephen Satchell, and Qi Zhang, 2007, “The underlying return-generating factors for REIT returns: an application of independent component analysis,” *Real Estate Economics* **35**(4): 569-598.
- Susanne Cannon, Norman Miller, and Gurupdes Pandher, 2006, “Risk and return in the US housing market: a cross-sectional asset-pricing approach,” *Real Estate Economics* **34**(4): 519-552.
- Richard Buttimer and Stephen Ott, 2007, “Commercial real estate valuation, development and occupancy under leasing uncertainty,” *Real Estate Economics* **35**(1): 21-56.
- David Brasington and Diane Hite, 2008, “A mixed index approach to identifying hedonic price models,” *Regional Science & Urban Economics* **38**: 271-284. Not for anyone without a few econometrics classes.
- Coulson, Edward and Herman Li, 2013, “Measuring the external benefits of homeownership,” *Journal of Urban Economics* **77**: 57-67.
- Nguyen, Mai, John Cooper, and Earl Phillips, “Six Northeast Durham neighborhood plans,” UNC Department of City and Regional Planning, spring 2009.
- Mundra, Kusum and Ruth Uwaifo Oyelere, 2013, “Determinants of immigrant homeownership: examining their changing role during the great recession and beyond,” Atlanta, GA: Georgia Tech Department of Economics, unpublished ms.
- Sinai, Todd and Nicholas Souleles, 2013, “Can owning a home hedge the risk of moving?” *American Economic Journal: Economic Policy* **5**(2): 282-312.
- Chatman, Daniel, Nicholas Tulach, and Kyeongsu Kim, 2012, “Evaluation the economic impacts of light rail by measuring home appreciation,” *Urban Studies* **49**(3)
- Huang, Haifang and Brad Humphreys, 2014, “New sports facilities and residential housing markets,” *Journal of Regional Science*, forthcoming.
- Kuttner, Kenneth, 2012, “Low interest rates and housing bubbles: still no smoking gun,” Williamstown, MA: Williams College Dept. of Economics.

#### **Sub-prime mortgages and other financial issues**

- Gregory Elliehausen and Michael Staten, 2004, “Regulation of subprime mortgage products: an analysis of North Carolina’s predatory lending law,” *Journal of Real Estate Finance & Economics* **29**(4): 411-433.
- Anthony Pennington-Cross and Souphala Chomsisengphet, 2007, “Subprime refinancing: equity extraction and mortgage termination,” *Real Estate Economics* **35**(2).
- Joseph Nichols, Anthony Pennington-Cross, and Anthony Yezer, 2005, “Borrower self-selection, underwriting costs, and subprime mortgage credit supply,” *Journal of Real Estate Finance & Economics* **30**(2): 197-219.
- Michelle Danis and Anthony Pennington-Cross, 2008, “The delinquency of sub-prime mortgages,” *Journal of Economics & Business* **60**: 67-90.
- John Farris and Christopher Richardson, 2004, “The geography of subprime mortgage prepayment penalty options,” *Housing Policy Debate* **15**(3).
- Paul Calem, Kevin Gillen, and Susan Wachter, 2004, “The neighborhood distribution of subprime mortgage lending,” *Journal of Real Estate Finance & Economics* **29**(4): 393-410.\*
- Simon Firestone, Robert Van Order, and Peter Zorn, 2007, “The performance of low-income and minority mortgages,” *Real Estate Economics* **35**(4): 479-504.\*
- Seow Eng Ong, Poh Har Now, and Andrew Spieler, 2006, “Price premium and foreclosure risk,” *Real Estate Economics* **34**(2): 211-242.\*
- Benjamin Keys, Tanmoy Mukherjee, Amit Seru, and Vikrant Vig, 2008, “Did securitization lead to lax screening? Evidence from subprime loans,” Chicago: University of Chicago, Graduate School of Business,

unpublished ms.

- Jan Kregel, 2008, “Changes in the USA financial system and the subprime crisis,” Annandale-on-Hudson, NY: Bard College, Levy Economics Institute, *working paper no. 530*.
- Michael Mah-Hui Lim, 2008, “Old wine in a new bottle: subprime mortgage crisis – causes and consequences,” Annandale-on-Hudson, NY: Bard College, Levy Economics Institute, *working paper no. 532*.
- Atif Mian and Amir Sufi, 2008, “The consequences of mortgage credit expansion: evidence from the 2007 mortgage default crisis,” Chicago: University of Chicago, Graduate School of Business, unpublished ms.
- O. Emre Ergungor, 2007, “Foreclosures in Ohio: Does lender type matter?” Cleveland: Federal Reserve Bank of Cleveland *working paper 07/24*.
- Michael Barr, 2008, “Financial services, saving and borrowing among low- and moderate-income households: Evidence from the Detroit Area Household Financial Services Survey,” Ann Arbor: University of Michigan Law School, unpublished ms.
- Mian, Atif and Amir Sufi, 2009, “The consequences of mortgage credit expansion: evidence from the US mortgage default,” *Quarterly Journal of Economics*.
- Keys, Benjamin, Tanmoy Mukherjee, Amit Seru, and Vikrant Vig, 2010, “Did securitization lead to lax screening? Evidence from subprime loans,” *Quarterly Journal of Economics*.
- Gerardi, Kristopher, Andreas Lehnert, Shane Sherlund, and Paul Willen, 2008, “Making sense of the subprime crisis,” *Brookings Papers on Economic Activity*, pp. 69-145.
- Case, Karl, 2008, “The central role of home prices in the current financial crisis: how will the market clear?” *Brookings Papers on Economic Activity*, pp. 161-193.
- Haughwout, Andrew, Christopher Mayer, and Joseph Tracy, 2009, “Subprime mortgage pricing: the impact of race, ethnicity, and gender on the cost of borrowing,” *Brookings-Wharton Papers on Urban Affairs*, pp. 33-63.
- Amromin, Gene, Jennifer Huang, Clemens Sialm, and Edward Zhong, 2011, “Complex mortgages,” *NBER working paper 17315*.
- Fomero, Elsa, Chiara Monticone, and Serena Trucchi, 2011, “The effect of financial literacy on mortgage choices,” Netspar discussion paper 09/2011-085.
- Avery, Robert and Kenneth Brevoort, 2011, “The subprime crisis: is government housing policy to blame?” Washington, DC: Federal Reserve Board of Governors, *finance and economics discussion series 2011-36*.
- Cole, Shawn, Martin Kanz, and Leopa Klapper, 2012, “Incentivizing calculated risk-taking: evidence from an experiment with commercial bank loan officers,” unpublished ms.
- Foote, Christopher, Kristopher Gerardi, and Paul Willen, 2012, “Why did so many people make so many *ex post* bad decisions? The causes of the foreclosure crisis,” Atlanta: Atlanta Fed *working paper 2012-7*.
- Geanakoplos, Jean *et al.* 2012, “Getting at systemic risk via an agent-based model of the housing market,” *American Economic Review* **102**(3): 53-58.
- Molloy, Raven and Hui Shan, 2011, “The post-foreclosure experience of US households,” Washington, DC: Federal Reserve Board of Governors finance and economics discussion series paper 2011-32.
- Chaterjee, Satyajit and Burcu Eyigungor, 2011, “A quantitative analysis of the US housing and mortgage markets and the foreclosure crisis,” Philadelphia, PA: Philadelphia Fed Research Department *discussion paper no. 11-26*.
- Gustman, Alan, Thomas Steinmeier, and Nahid Tabatabai, 2011, “How did the recession of 2007-2008 affect the wealth and retirement of the near retirement age population in the Health and Retirement Study?” Ann Arbor, MI: University of Michigan Retirement Research Center *working paper 2011-253*.
- Fisher, Lynn and Lauren Lambie-Hanson, 2011, “Are investors the bad guys? Tenure and neighborhood stability in Chelsea, Massachusetts,” *Real Estate Economics* **10**: 1-36.
- Frame, W. Scott, Larry Wall, and Lawrence White, 2012, “The devil’s in the tail: residential finance and the US Treasury,” Atlanta, GA: Atlanta Fed *working paper 2012-12*.
- Chan, Sewin, Michael Gedal, Vicki Been, and Andrew Haughwout, 2013, “The role of neighborhood characteristics in mortgage default risk: evidence from New York City,” *Journal of Housing Economics* **22**:100-118.
- Ellen, Ingrid Gould, Johanna Laco, and Claudia Ayanna Sharygin, 2013, “Do foreclosures cause crime?”

*Journal of Urban Economics* 74: 59-70.

- Freddie Mac, 2013 (March), “Freddie Mac Update.”
- Harding, John, Eric Rosenblatt, and Vincent Yao, 2009, “The contagion effect of foreclosed properties,” *Journal of Urban Economics*, 66: 164-178.
- Kau, James, Donald Keenan, and Constantine Lyubimov, 2012, “First mortgages, second mortgages, and their default,” Athens, GA: University of Georgia Department of Insurance, Legal Studies, and Real Estate unpublished ms.
- Sanders, Anthony, 2008, “The subprime crisis and its role in the financial crisis,” *Journal of Housing Economics* 17(4): 254-261.
- Schuetz, Jenny, Vicky Been, and Ingrid Gould Ellen, 2008, “Neighborhood effects of concentrated mortgage foreclosures,” NYU Law and Economics working paper 9-18-2008.
- Towe, Charles and Chad Lawley, 2013, “The contagion effect of neighborhood foreclosures” *American Economic Journal: Economic Policy* 5(2): 313-335.
- Mundra, Kusum and Ruth Uwaifo Oyelere, 2013, “Determinants of immigrant homeownership: examining their changing role during the great recession and beyond,” unpublished ms.
- Adelino, Manuel, Scott Frame, and Kristopher Gerardi, 2014, “The effect of large investors on asset quality: evidence from subprime mortgage securities” Federal Reserve Bank of Atlanta working paper 2014-4.
- Cheng, Ing-Haw, Sahil Raina, and Wei Xiong, 2014, “Wall Street and the housing bubble,” *American Economic Review* 104(9): 2797-2829.
- Frame, W. Scott, Andreas Fuster, Joseph Tracy, and James Vickery, “The rescue of Fannie Mae and Freddie Mac,” Atlanta, GA: Atlanta Fed *working paper* 2015-2.

#### Housing booms and busts

- Karl Case, John Quigley, and Robert Schiller. 2004. “Comparing wealth effects: the stock market *vs.* the housing market.” Berkeley, CA: University of California, Berkeley Department of Economics, *Advances in Microeconomics* 5(1).\*
- Burnside, Craig, Martin Eichenbaum, and Sergio Robelo, 2013, “Understanding booms and busts in housing markets,” unpublished ms.
- Robert Schiller, 2007 (June), “Historic turning points in real estate,” New Haven, CT: Yale University, Department of Economics, *Cowles Foundation Discussion Paper no. 1610*.
- Robert Schiller, 2007 (September), “Understanding recent trends in house prices and home ownership,” New Haven, CT: Yale University, Department of Economics, *Cowles Foundation Discussion Paper no. 1630*.
- Yongheng Deng and John Quigley, 2008, “Index revision, house price risk, and the market for house price derivatives,” Berkeley, CA: University of California – Berkeley, Department of Economics, unpublished ms.
- William Wheaton and Gleb Nechayev, 2008, “The 1998-2005 housing ‘bubble’ and the current ‘correction’: What’s different this time?” *Journal of Real Estate Research* 30(1): 1-26.
- Edward Glaeser and Joseph Gyourko, 2004, “Urban decline and durable housing,” Cambridge, MA: Harvard University Department of Economics, unpublished ms.
- Edward Glaeser and Joseph Gyourko, 2007, “Housing dynamics,” Cambridge, MA: Harvard University, Department of Economics, *HIER discussion paper no. 2137*.
- Edward Glaeser, Joseph Gyourko, and Albert Saiz, 2008, “Housing supply and housing bubbles,” Cambridge, MA: Harvard University, Department of Economics, *HIER discussion paper no. 2158*.
- Stephen Malpezzi and Susan Wachter, 2005, “The role of speculation in real estate cycles,” *Journal of Real Estate Literature* 13(2): 141-164.
- Chen-Liang Chen, Chung-Ming Kuan, and Chu-Chia Lin, 2007, “Saving and housing of Taiwanese households: new evidence from quantile regression analyses,” *Journal of Housing Economics* 16: 102-126.
- Charles Goodhart and Boris Hofmann, 2008, “House prices, money, credit and the macroeconomy,” Frankfurt: European Central Bank *working paper no. 888*.

- Allen Goodman and Thomas Thibodeau, 2008, “Where are the speculative bubbles in US housing markets?” *Journal of Housing Economics* **17**: 117-137.\*
- Saiz, Albert, 2010, “The geographic determinants of housing supply,” *Quarterly Journal of Economics* **125**(3): 1253-1296.
- Kleiner, Kristoph, 2013, “How real estate drives the economy: an investigation of small firm balance sheet shocks on employment,” Durham, NC: Duke University Department of Economics, unpublished ms.
- Agnello, Luca and Ludger Schuknecht, 2011, “Booms and busts in housing markets,” *Journal of Housing Economics* **20**(3): 171-190.
- Wheaton, William, Serguei Chervachidze, and Gleb Nechayev, 2014, “Error correction models of MSA housing “supply” elasticities: implications for price recovery,” Cambridge, MA: MIT Dept of Economics working paper.

#### **Local governments, property rights, and local economic development**

- Robert Inman and Daniel Rubinfeld. 1997. “Rethinking federalism.” *Journal of Economic Perspectives* **11**(4): 43-65.
- Stephen Malpezzi. 1998. “Welfare analysis of rent control with side payments: a natural experiment in Cairo, Egypt.” *Regional Science & Urban Economics* **28**: 773-795. \*
- Keith Ihlanfeldt, 2007, “The effect of land use regulation on housing and land prices,” *Journal of Urban Economics* **61**: 420-435.\*
- Karen Destorel Brown, 2001, “Expanding affordable housing through inclusionary zoning: lessons from the Washington metropolitan area,” Washington, DC: Brookings Institution, Center on Urban and Metropolitan Paper, discussion paper.
- Jamie Randall McCall, 2008, “The use of eminent domain by North Carolina counties,” Chapel Hill, NC: University of North Carolina, School of Government, unpublished MPAS thesis.
- Jan Rouwendal and J. Willemijn van der Straaten, 2008, “The costs and benefits of providing open space in cities,” Amsterdam: Tinbergen Institute *discussion paper TI 2008-001/3*.
- Thomas Miceli and C.F. Sirmans, 2007, “The holdout problem, urban sprawl, and eminent domain,” *Journal of Housing Economics* **16**: 309-319.

#### **International real estate topics**

- Richard Arnott and Daniel McMillen, Eds., 2006, *A Companion to Urban Economics*. Malden, MA: Blackwell; chapters 10-11.
- Kala Seetharam Sridhar, 2007, “Density gradients and their determinants: evidence from India,” *Regional Science & Urban Economics* **37**: 313-344.\*
- Luc Anselin, Nancy Lozano-Gracia, Uwe Deichmann, and Somik Lall, 2008, “Valuing access to water – a spatial hedonic approach applied to Indian cities,” Washington, DC: World Bank *policy research working paper 4533*.\*
- Siqi Zheng and Matthew Kahn, 2008, “Land and residential property markets in a booming economy: new evidence from Beijing,” *Journal of Urban Economics* **63**: 743-757.\*
- Akie Takeuchi, Maureen Cropper, and Antonio Bento, 2008, “Measuring the welfare effects of slum improvement programs: the case of Mumbai,” *Journal of Urban Economics* **64**: 65-84.
- Somik Lall and Mattias Lundberg, 2008, “What are public services worth, and to whom? Non-parametric estimation of capitalization in Pune,” *Journal of Housing Economics* **17**: 34-64.
- Balács Égert and Dubravko Mihaljek, 2007, “Determinants of house prices in Central and Eastern Europe,” Ann Arbor, MI: University of Michigan, William Davidson Institute *working paper no. 894*.
- Arthur Grimes and Yun Liang, 2007, “Spatial determinants of land prices in Auckland: does the metropolitan urban limit have an effect?” Wellington, NZ: Motu Economic and Public Policy Research *working paper 07-09*.
- Sachiko Miyamoto, 2007, “Household asset selection and real estate in Japan – the land price rebound’s impact from the perspective of regional characteristics,” *Nomura Capital Market Review* **10**(2).
- Vanessa Nadalin and Danilo Iglori, 2007, “Determinants of vacancy rates in Sao Paolo’s metropolitan area: a spatial approach,” Cambridge, UK: University of Cambridge, Department of Land Economy, unpublished ms.

- Sherry Z. Zhou and Helen X.H. Bao, “Modeling price dynamics in the Hong Kong property market,” Kowloon, HK: City University of Hong Kong, unpublished ms.
- Yizhen Gu, 2008, “The impacts of rail transit on property values: Empirical study in Beijing,” Beijing: Beijing Municipal Institute of City Planning & Design, Department of Planning Research, unpublished ms.
- He, Ming, Shanzi Ke, and Yan Song, 2010, “A consolidated model of monocentric cities and an empirical analysis of urban scales and land prices in Chinese cities,” *Journal of Regional Science* **20**(10): 1-28.
- Brueckner, Jan and Kala Seetharam Sridhar, 2012, “Measuring welfare gains from relaxation of land-use restrictions: the case of India’s building-height limits,” unpublished ms.
- Zhang, Dingsheng, Wenli Cheng, and Yew-Kwang Ng, 2012, “Increasing returns, land use controls and housing prices,” Caulfield, Australia: Monash Univ Dept of Economics *discussion paper 14/12*.
- Mayo, Stephen, and Stephen Sheppard, 1996, “Housing supply under rapid economic growth and varying regulatory stringency: an international comparison,” *Journal of Housing Economics* **5**: 274-289.
- Chen, Kaiji and Yi Wen, 2014, “The great housing boom of China,” St. Louis Fed working paper 2014-022A.
- Ren, Yu et al., 2012, “Housing price bubbles in China,” Fujian, China: Xiamen Univ working paper.
- Baum-Snow, Nathaniel, et al. 2013, “Roads, railroads and decentralization of Chinese cities,” Providence, RI: Brown University Dept of Economics working paper.
- De Wit, Joop, 2013, “Land governance of suburban areas of Vietnam: dynamics and contestations of planning, housing, and the environment,” Erasmus University ISS working paper 561.
- Wu, Jing, Joseph Gyourko, and Yongheng Deng, 2010, “Evaluating conditions in major Chinese housing markets,” NBER working paper 16189.
- Deng, Yongheng, Joseph Gyourko, and Jing Wu, 2012, “Land and house price measurement in China,” NBER working paper 18403.
- Fang, Hanming, Quanlin Gu, and Li-An Zhou, 2014, “The gradients of power: evidence from the Chinese housing market,” NBER working paper 20317.
- Nasritdinov, Emil, Bermet Zhumakadyr kyzy, and Diana Asanalieva, 2014, “Myths and realities of Bishkek’s novostroikas,” Bishkek: American U of Central Asia Dept of Anthropology unpublished ms.
- Wu, Jing, Yongheng Deng, and Hongyu Liu, 2012, “Housing price index construction in the nascent housing market: the case of China,” National U of Singapore, Institute of Real Estate Studies working paper 2011-017.
- Poroshina, Agatha M., 2014, “Credit risk modeling of residential mortgage lending in Russia,” Moscow: Higher School of Economics working paper.
- Zadonsky, Georgy, 2014, “Housing mortgage lending in Russia in 2013,” Moscow: Gaidar Institute for Economic Policy.
- Bosirova, Ekaterina, Leonid Polischuk, and Anatoly Peresetsky, 2014, “Collective management of residential housing in Russia,” *Journal of Comparative Economics* **42**(3): 609-629.
- Deng, Guoying, Li Gan, and Manuel Hernandez, 2013, “Do people overreact? Evidence from the housing market after the Wenchuan earthquake,” Washington, DC: International Food Policy Research Institute.
- Baum-Snow, Nathaniel *et al.*, 2013, “Roads, railroads and decentralization of Chinese cities,” Providence, RI: Brown University Dept of Economics.
- Harari, Mariaflavia, 2015, “Cities in bad shape” urban geometry in India,” Cambridge, MA: MIT Dept. of Economics.
- Saxa, Branislav, 2014, “Forecasting mortgages: internet search data as a proxy for mortgage credit demand,” Prague: Czech National Bank *working paper 14/2014*.

#### **Property rights in developing countries and other local government issues**

- Jean Lanjouw and Philip Levy. 2002. “Untitled: a study of formal and informal property rights in urban Ecuador.” *Economic Journal* **112**: 986-1019.\*
- David Dowall and M. Leaf. 1991. “The price of land for housing in Jakarta.” *Urban Studies* **28**(5): 707-722.\*
- Liza Weinstein, 2008, “Mumbai’s development mafias: globalization, organized crime and land development,” *International Journal of Urban & Regional Science* **32**(1): 22-39.

- Marx, Benjamin, Thomas Stoker, and Tavneet Suri, 2015, "There is no free house: ethnic patronage in a Kenyan slum," Cambridge, MA: MIT Sloan School of Management.

## Urban Transportation

### Autos, highways, and congestion

- McDonald & McMillen, Ch. 15-26. \*
- Anderson, Michael, 2014, "Subways, strikes, and slowdowns: the impacts of public transit on traffic congestion," *American Economic Review* **104**(9): 2763-2796.
- Kenneth Small. 1997. "Urban economics and urban transportation policy in the United States." *Regional Science & Urban Economics* **27**: 671-691.
- Akie Takeuchi, Maureen Cropper, and Antonio Bento, 2007, "The impact of policies to control motor vehicle emissions in Mumbai, India," *Journal of Regional Science* **47**(1): 27-46.
- Albert Saiz, 2006, "Dictatorships and highways," *Regional Science & Urban Economics* **36**: 187-206.
- Richard Arnott, 2007, "Congestion tolling with agglomeration economies," *Journal of Urban Economics* **62**: 187-203.
- Duranton, Gilles and Matthew Turner, 2012, "Urban growth and transportation," *Review of Economic Studies* **79**: 1407-1440.
- Winston, Clifford, "On the performance of the US transportation system: caution ahead," 2013, *Journal of Economic Literature* **51**(3): 773-824.

### Mass Transit

- Christopher Bollinger and Keith Ihlanfeldt. 1997. "The impact of rapid rail transit on economic development: the case of Atlanta's MARTA." *Journal of Urban Economics* **42**: 179-204.
- Clifford Winston and Vikram Maheshri, 2007, "On the social desirability of urban rail transit systems," *Journal of Urban Economics* **62**: 362-382.\*
- Edward Glaeser, Matthew Kahn, and Jordan Rappaport, 2008, "Why do the poor live in cities? The role of public transportation," *Journal of Urban Economics* **63**: 1-24.
- N. Ed Coulson and Robert Engle. 1987. "Transportation costs and the rent gradient." *Journal of Urban Economics* **21**: 287-297.
- Richard Arnott and Daniel McMillen, Eds., 2006, *A Companion to Urban Economics*. Malden, MA: Blackwell; chapters 15-18.
- Nathaniel Baum-Snow and Matthew Kath, 2005. "Effects of urban rail expansions: evidence from sixteen cities, 1970-2000," *BWPUA 2005*: 147-197.
- Claudio Agostini and Gaston Palmucci, 2008, "Anticipated capitalization of the Santiago metro system on housing prices," Santiago, Chile: Universidad Alberto Hurtado, Department of Economics, unpubl. ms.
- Matthew Kahn, 2007, "Gentrification trends in new transit-oriented communities: evidence from 14 cities that expanded and build rail transit systems," *Real Estate Economics* **35**(2).\*
- Peter Nelwon *et al.*, 2007, "Transit in Washington, DC: current benefits and optimal level of provision," *Journal of Urban Economics* **62**: 231-251.\*

## Business Location Theory & Economic Geography

### Business location and the core model of spatial economics

- McDonald & McMillen, Ch. 22-24. \*
- Steven Brakman, Harry Garretsen, and Charles van Marrewijk. 2001. *An Introduction to Geographical Economics*. Cambridge, UK: Cambridge University Press, Chs. 2-3. <http://www.few.eur.nl/few/people/vanmarrewijk/geography/>

### City and business location II: economic development strategies

- Paul Courant. 1994. "How would you know a good economic development policy if you tripped over one? Hint: don't just count jobs." *National Tax Journal* **47**(4): 863-881.



- Timothy Bartik, 2003. "Thoughts on American manufacturing decline and revitalization." Kalamazoo, MI: Upjohn Institute *working paper 03-96*.
- Timothy Bartik, Charles Becker, John Bush, and Steven Lake. 1987. "Saturn and state economic development." *Forum for Applied Research & Public Policy*, pp. 27-40.
- Marlon Boarnet and William Bogart. 1996. "Enterprise zones and employment: evidence from New Jersey." *Journal of Urban Economics* **40**: 198-215.
- Donald Smith and Richard Florida. 1994. "Agglomeration and industrial location: an econometric analysis of Japanese-affiliated manufacturing establishments in automotive-related industries," *Journal of Urban Economics* **36**: 23-41.
- Kelly Edmiston. 2004. "The net effect of large plant locations and expansions on county employment." *Journal of Regional Science* **44**(2): 289-320.
- Marlon Boarnet and William Bogart. 1996. "Enterprise zones and employment: evidence from New Jersey." *Journal of Urban Economics* **40**: 198-215.
- Jeffrey Zax and John Kain, 1996, "Moving to the suburbs: do relocating companies leave their Black employees behind?" *Journal of Labor Economics* **14**(3): 472-504. \*
- Jianqing Rian and Xiaobo Zhang, 2008, "Finance and cluster-based industrial development in China," Washington, DC: International Food Policy Research Institute *discussion paper 00768*.
- David Neumark, Junfu Zhang, and Stephen Ciccarella, 2008, "The effects of Wal-Mart on local labor markets," *Journal of Urban Economics* **63**: 405-430.
- J. Vernon Henderson and Yukako Ono, 2008, "Where do manufacturing firms locate their headquarters?" *Journal of Urban Economics* **63**: 431-450.
- Matia Basso and Patrick Kline, 2008, "Do local economic development programs work? Evidence from the Federal Empowerment Zone program," New Haven: Yale University Department of Economics, *Cowles Foundation discussion paper no. 1638*.
- Zuhui Huang, Xiaobo Zhang, and Yunwei Zhu, 2007, "The role of clustering in rural industrialization: a case study of the footwear industry in Wenzhou," Washington, DC: International Food Policy Research Institute: *IFPRI discussion paper 00705*.
- James Feyrer, Bruce Sacerdote, and Ariel Dora Stern, 2007, "Did the rust belt become shiny? A study of cities and counties that lost steel and auto jobs in the 1980s," *Brookings-Wharton Papers on Urban Affairs*, pp. 41-89.
- Eric Strobl, 2008, "The economic growth impact of hurricanes: Evidence from US coastal counties," Bonn: IZA *discussion paper no. 3619*.
- Shujie Yao and Xiuyun Yang, 2008, "Airport development and regional economic growth in China," Nottingham, UK: University of Nottingham *research paper 2008/07*.
- Atsushi Iimi, 2008, "Effects of improving infrastructure quality on business costs: evidence from firm-level data," Washington, DC: World Bank *policy research working paper 4581*.

## **Population Explosions and Productivity Growth Centers: Cities in Developing Countries**

- Devoto, Florencia, Esther Duflo, Pascaline Dupas, William Parriente, and Vincent Pons, 2012, "Happiness on tap: piped water adoption in urban Morocco" *American Economic Journal: Economic Policy* **4**(4): 68-99.
- Demurger, Sylvie and Hui Xu, 2013 (November), "Left-behind children and return decisions of rural migrants in China," Bonn, Germany: IZA discussion paper no. 7727.
- Deng, Guoying, Li Gan, and Manuel Hernandez, 2013, "Do people overreact? Evidence from the housing market after the Wenchuan earthquake," Cambridge, MA: NBER *working paper 19515*.
- Fox, Sean, 2014 "The political economy of slums: theory and evidence from sub-Saharan Africa," *World Development* **54**: 191-203.
- Marx, Benjamin et al., 2013, "The economics of slums in the developing world," *Journal of Economic Perspectives* **27**(4).

- Howard, Emma et al., 2014, “Productivity-enhancing manufacturing clusters: evidence from Vietnam,” Helsinki: UNU WIDER working paper 2014/071.

#### **Urban growth in developing countries**

- Panel on Urban Population Dynamics, National Research Council. 2003. *Cities Transformed*. Washington, DC: National Academies Press, Chs. 3, 4, 6, 7.
- J. Vernon Henderson, 2005. “Growth of China’s medium-size cities,” *BWPUA 2005*: 263-295.
- D. da Mata, U. Deichmann, JV Henderson, SV Lall, and HG Wang, 2007, “Determinants of city growth in Brazil,” *Journal of Urban Economics* **62**: 252-272.
- Shahid Yusuf, 2007, “About urban mega regions: knowns and unknowns,” Washington, DC: World Bank *policy research working paper 4252*.
- Lixing Li, 2008 (April), “The incentive role of creating ‘cities’ in China,” College Park, MD: University of Maryland, unpubl. ms.
- Becker, Charles, S. Joshua Mendelsohn, and Kseniya Benderskaya, 2012, *Russian Urbanization in the Soviet and post-Soviet Eras*. London, IIED, urbanization and emerging population issues working paper 9, <http://pubs.iied.org/pdfs/10613IIED.pdf>. Also see related papers on Brazil, China, India, and South Africa.
- Marx, Benjamin, Thomas Stoker, and Tavneet Suri, 2013, “The economics of slums in the developing world,” *Journal of Economic Literature* **27**(4): 187-2010.
- Zheng, Siqi and Matthew Kahn, 2013, “Understanding China’s urban pollution dynamics,” *Journal of Economic Literature* **51**(3): 731-772.
- Baum-Snow, Nathaniel et al., 2013 (October), “Roads, railroads and decentralization in Chinese cities,” Providence, RI: Brown University Department of Economics, unpublished ms.
- Elosua, Miguel et al., 2013, “Urbanisation in China: the impact of the tax-sharing system and the definitions of new strategies,” *UrbaChina* working paper no. 1, November.
- Mulyana, Wahyu et al., 2013 (September), “Urbanisation, demographics and adaptation to climate change in Semarang, Indonesia,” London, UK: IIED Human Settlements Group, *urbanization and emerging population issues working paper 11*.

#### **Labor markets and migration in developing countries**

- Panel on Urban Population Dynamics, National Research Council. 2003. *Cities Transformed*. Washington, DC: National Academies Press, Ch. 8. \*
- John Knight and Lina Song. 2003. “Increasing urban wage inequality in China.” *Economics of Transition* **11**(4): 597-619.
- Panel on Urban Population Dynamics, National Research Council. 2003. *Cities Transformed*. Washington, DC: National Academies Press, Chs. 8, 9.
- Edward Glaeser and Janet Kohlhase. 2003. “Cities, regions, and the decline of transport costs.” Cambridge, MA: Harvard Institute of Economic Research *discussion paper 2014*.
- Chris Beauchemin and Philippe Bocquier, 2004 (October). “Migration and urbanization in Francophone West Africa: an overview of recent empirical evidence,” *Urban Studies* **41**(11): 2245-2272. \*
- Kristian Behrens and Alain Pholo Bala, 2006 (December), “Do rent-seeking and interregional transfers contribute to urban primacy in sub-Saharan Africa?” Louvain-la-Neuve, Belgium: Université catholique de Louvain, *CORE Discussion Paper #2006/114*.
- Arne Bigsten, Taye Mengistae, and Abebe Shemales, 2007 (March), “Mobility and earnings in Ethiopia’s urban labor markets: 1994-2004,” Washington DC: World Bank *Research Working Paper 4168*.
- Martin Ravallion, Shaohua Chen, and Prem Sangraula, 2007 (April), “New evidence on the urbanization of global poverty,” Washington, DC: World Bank *Policy Research Working Paper 4199*.\*
- S. Chandrasekhar and Abhiroop Mukhopadhyay, “Multidimensions of urban poverty: evidence from India,” Mumbai: Indira Gandhi Institute of Development Research, unpublished ms.
- Sandra Poncet, 2006, “Provincial dynamics in China: borders, costs and economic motivations,” *Regional Science*

*Urban Economics* **36**: 385-398.

- Yuting Liu, Shenjing He, and Fulong Wu, 2008, “Urban pauperization under China’s social exclusion: a case study of Nanjing,” *Journal of Urban Affairs* **30**(1): 21-36.
- Sylvie Démurger, Marc Gurgand, Li Shi, and Yue Ximing, 2008, “Migrants as second-class workers in China? A decomposition analysis,” Écully, France: Centre National de la Recherche Scientifique *GATE working paper w.p. 08-08*.