

DANIEL McMILLEN  
Department of Finance  
University of Illinois at Chicago  
January 2020

Office Address:

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University of Illinois at Chicago  
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ACADEMIC DEGREES:

Ph.D. Economics, Northwestern University, 1987  
M.A. Economics, University of Illinois at Chicago, 1982  
B.S. Economics, University of Illinois at Chicago, 1981

FIELDS OF SPECIALIZATION:

Urban Economics, Real Estate, Applied Econometrics

PROFESSIONAL POSITIONS:

2018-present Professor of Finance, University of Illinois at Chicago  
2009-2018 Professor of Economics, UIUC  
2006-2013 Professor, Institute of Government and Public Affairs, UIUC  
1999-2009 Professor of Economics, University of Illinois at Chicago  
1999-2005 Director, Center for Urban Real Estate, University of Illinois at Chicago  
1998-1999 Chair, Department of Economics, Tulane University  
1994-1999 Professor, Department of Economics, Tulane University  
1992-1994 Associate Professor, Department of Economics, Santa Clara University  
1991-1992 Associate Professor, Department of Economics, University of Oregon  
1986-1991 Assistant Professor, Department of Economics, University of Oregon

VISITING POSITIONS:

2018-present Distinguished Scholar, Lincoln Institute of Land Policy  
2016 Ng Teng Fong Chair in Real Estate, National University of Singapore  
2005-2018 Visiting Fellow, Lincoln Institute of Land Policy, Cambridge MA  
2000-present Research Scholar, Federal Reserve Bank of Chicago  
1998 Summer Research Fellow, Center for Real Estate and Urban Land Economics, University of British Columbia  
1991-1992 Adjunct Associate Professor, Department of Economics, University of Illinois at Chicago

## TEACHING EXPERIENCE:

Urban Economics (graduate and undergraduate), Public Finance (graduate and undergraduate), Econometrics (graduate and undergraduate), Labor Economics (undergraduate), Real Estate Finance (undergraduate and MBA), Managerial Economics (MBA), Principles of Microeconomics, Introduction to Mathematical Economics, Introduction to Real Estate, Real Estate Markets and Valuation, Real Estate Data Analysis

## PROFESSIONAL SERVICE

Faculty, Homer Hoyt Institute, 2018 –present.

Co-Editor, *Regional Science and Urban Economics*, August 2007 – December 2017

Editorial Boards / Associate Editor

*Journal of Urban Economics*, 1993 – present

*Growth and Change*, 1999 – present

*Journal of Economic Geography*, 2001 – 2010

*Journal of Housing Economics*, 2002 – present

*Real Estate Economics*, 2002 – present

*Journal of Regional Science*, 2005 – present

*Papers in Regional Science*, 2016 – present

*Regional Science and Urban Economics*, 2018 - present

President, American Real Estate and Urban Economics Association, 2017.

Second Vice President, American Real Estate and Urban Economics Association, 2015.

Vice President, American Real Estate and Urban Economics Association, 2016.

Board of Directors, American Real Estate and Urban Economics Association, 2006 – 2009, 2013 – 2016, 2018 – present.

## AWARDS:

Walter Isard Award for Scholarly Achievement, Regional Science Association, 2019.

University of Illinois Economics Graduate Student Organization Outstanding Teaching Award, 2010-2011.

Fellow, Wiemer School of Advanced Studies, Homer Hoyt Institute, 2010.

Regional Science Association International, Fellows Award, 2008.

Georgescu-Roegen Prize for best paper in the *Southern Economic Journal*, 2007.

UIC College of Business Administration Alumni Leadership Academy (2005).

Stephen and Patricia Schott Chair, Santa Clara University, conferred September, 1993.

Research Award, Department of Economics, University of Oregon, 1991.

Research Award, Department of Economics, University of Oregon, 1990.

Geldard Award for Outstanding Economics Graduate, UIC, 1981.

## GRANTS AND RESEARCH CONTRACTS:

David C. Lincoln Fellowship Grant, Lincoln Institute of Land Policy, “Predicting the Successful Appeal of Property Tax Assessments,” 2007.

Illinois Department of Revenue, “The Economic Effects of the 7% Assessment Cap in Cook County,” 2005-2006.

David C. Lincoln Fellowship Grant, Lincoln Institute of Land Policy, “Thin Markets and Property Tax Equity,” 2005.

Research Contract, Delta Institute, “The Benefits of Environmental Improvements in a Low-Income Area: The Grand Calumet River Dredging Plan in Gary Indiana,” 2003.

Research Contract, Northeastern Illinois Planning Commission, “Subcenter Identification in the Chicago Metropolitan Area,” 2002-2003.

Research Contract, Brookings Institution, “Employment Subcenters and Subsequent Real Estate Development in Suburban Chicago,” 1998-99.

Alfred P. Sloan Doctoral Dissertation Fellowship, 1985-1986.

Alfred P. Sloan Research Grant for Applied Microeconomics, 1984-1985.

## BOOKS:

*Quantile Regression for Spatial Data*, Springer Briefs in Regional Science, New York (2012).

*Urban Economics and Real Estate: Theory and Policy*, John Wiley & Sons, Inc., Malden MA (2010), 2<sup>nd</sup> Edition, with John F. McDonald.

*A Companion to Urban Economics*, Richard Arnott and Daniel McMillen, eds., Blackwell, Malden MA (2006).

PUBLISHED PAPERS:

- “Assessment Regressivity and Property Taxation,” forthcoming, *Journal of Real Estate Finance and Economics*, with Ruchi Singh.
- “House Prices and School Choice: Evidence from Chicago’s Magnet Schools Proximity Lottery,” *Journal of Regional Science* 60 (2020), 33-55, with Leonardo Bonilla- Mejía and Esteban Lopez.
- “Fair Market Rent and the Distribution of Rents in Los Angeles,” *Regional Science and Urban Economics* 80 (2020), 1-15, with Ruchi Singh.
- “Do More Eyes on the Street Reduce Crime? Evidence from Chicago’s Safe Passage Program,” *Journal of Urban Economics* 110 (March 2019), 1-25 with Ignacio Sarmiento Barbieri and Ruchi Singh.
- “Does Juan Carlos or Nelson Obtain a Larger Price Cut in the Spanish Housing Market”, *Urban Affairs Review*, November 2018, with Josep Maria Raya and Catia Nicodemo.”
- “Tall Buildings and Land Values: Height and Construction Cost Elasticities in Chicago, 1870-2010,” *Review of Economics and Statistics* 100:5 (2018), 871-875, with Gabriel Ahlfeldt.
- “The Eldercare Landscape: Evidence from California,” *Health Economics* 25:S2 (2017), 139-157, with Elizabeth Powers.
- “Teardowns and Demolitions in Chicago, 2000 – 2014: A Conditionally Parametric Approach,” *Revue Économique* 68 (2017), 511-535.
- “Assessment Inequity in a Declining Housing Market: The Case of Detroit,” *Real Estate Economics* 46 (2017), 237-258, with Timothy R. Hodge, Gary Sands, and Mark Skidmore.
- “Plant Locations in the European Automobile Supplier Industry,” *Growth and Change* 46 (2015), 558-573, with Thomas Klier.
- “Tax Base Erosion and Inequity from Michigan’s Assessment Growth Limit: The Case of Detroit,” *Public Finance Review* 43 (2015), 636-660, with Timothy R. Hodge, Gary Sands, and Mark Skidmore.
- “Conditionally Parametric Quantile Regression for Spatial Data: An Analysis of Land Values in Early Nineteenth Century Chicago,” *Regional Science and Urban Economics* 55 (2015), 28-38.
- “Border Effects in Suburban Land Use,” *National Tax Journal* 68 3S (2015), 855-874, with Benoy Jacob.
- “A Conditionally Parametric Model of Micro-Data Land Use in Chicago,” *Journal of Regional Science* 55 (2015), 391-415, with Maria Edisa Soppelsa.
- Matching Indices for Thinly-Traded Properties in Singapore,” *Regional Science and Urban Economics* 47 (2014), 86-98, with Yongheng Deng and Tien Foo Sing.
- “Option Value and the Price of Teardown Properties,” *Journal of Urban Economics*, 74 (2013), 107-129, with Arthur O’Sullivan.
- “The Effect of Appeals on Assessment Ratio Distributions: Some Nonparametric Approaches” *Real Estate Economics* 41 (2013), 165-191.
- “Repeat Sales as a Matching Estimator,” *Real Estate Economics* 40 (2012), 743-771.

- “Perspectives on Spatial Econometrics: Linear Smoothing with Structured Models,” *Journal of Regional Science* 52 (2012), 192-209.
- “Private Residential Price Indices in Singapore: A Matching Approach,” *Regional Science and Urban Economics* 42 (May 2012), 485-494, with Yongheng Deng and Tien Foo Sing.
- A Distributional Difference-in-Difference Evaluation of the Response of School Expenditures to Reforms and Tax Limits,” *Education Finance and Policy* 5 (Summer 2010) 349-377, with Larry D. Singell, Jr.
- “Estimation and Hypothesis Testing for Nonparametric Hedonic House Price Functions,” *Journal of Regional Science* 50 (August 2010), 712-733, with Christian Redfean.
- “Issues in Spatial Data Analysis,” *Journal of Regional Science* 50 (Feb. 2010), 119-141.
- “Ask and Ye Shall Receive? Predicting the Successful Appeal of Property Tax Assessments,” *Public Finance Review* 38 (January 2010), 74-101, with Rachel Weber.
- “Thin Markets and Property Tax Inequities: A Multinomial Logit Approach,” *National Tax Journal* 61 (Dec. 2008), 653-671, with Rachel Weber.
- “Clustering of Auto Supplier Plants in the United States: Generalized Method of Moments Spatial Logit for Large Samples,” *Journal of Business and Economic Statistics* 26 (Oct. 2008), 460-471, with Thomas Klier.
- “Changes in the Distribution of House Prices over Time: Structural Characteristics, Neighborhood or Coefficients?” *Journal of Urban Economics* 64 (Nov. 2008), 573-589.
- “Land Values and the 1957 Comprehensive Amendment to the Chicago Zoning Ordinance,” *Urban Studies* 45:8 (July 2008), 1647-1661, with John F. McDonald and Jian Zhou.
- “Estimating Time, Age, and Vintage Effects in Housing Prices,” *Journal of Housing Economics* 17 (June 2008), 138-151, with N. Edward Coulson.
- “Evolving Agglomeration in the U.S. Auto Industry,” *Journal of Regional Science* 48 (January 2008), 245-267, with Thomas Klier.
- “Commercial Lending Distance and Historically Underserved Areas,” *Journal of Economics and Business* 60 (January/February 2008), 149-164, with Robert DeYoung, W. Scott Frame, Dennis Glennon, and Peter Nigro.
- “Spatial Competition and the Price of College,” *Economic Inquiry* 45 (October 2007), 817-833, with Larry D. Singell, Jr. and Glen Waddell.
- “The Dynamics of Intra-Urban Quantile House Price Indexes,” *Urban Studies* 44 (July 2007), 1517-1537, with N. Edward Coulson.
- “A Mismatch Made in Heaven: A Hedonic Analysis of Overeducation and Undereducation,” *Southern Economic Journal* (April 2007), 901-930, with Paul T. Seaman and Larry D. Singell, Jr. (Georgescu-Roegen Prize for best paper of 2007).
- “Teardowns and Land Values in the Chicago Metropolitan Area,” *Journal of Urban Economics* 61 (January 2007), 45-64, with Richard F. Dye.
- “Housing Renovations and the Quantile Repeat Sales Price Index,” *Real Estate Economics* 34 (Winter 2006), 567-587, with Paul Thorsnes.
- “Illinois' Response to Rising Residential Property Values: An Assessment Growth Cap in Cook County,” *National Tax Journal* 59:3 (September 2006), 707-716, with Richard F. Dye and David F. Merriman.

- “Hedonism vs. Nihilism: No Arbitrage and Tests of Urban Economic Models,” *Regional Science and Urban Economics* 36 (January 2006), 118-131, with Marcus Berliant.
- “Are Property Tax Limitations More Binding Over Time?,” *National Tax Journal* 58 (June 2005), 215-225, with Richard F. Dye and Therese J. McGuire.
- “The Changing Geography of the U.S. Banking Industry,” *The Industrial Geographer* 2 (2004), 29-48, with Robert DeYoung and Thomas Klier.
- “Reaction of House Prices to a New Rapid Transit Line: Chicago’s Midway Line,” *Real Estate Economics* 32 (Fall 2004), 463-486, with John F. McDonald.
- “Employment Densities, Spatial Autocorrelation, and Subcenters in Large Metropolitan Areas,” *Journal of Regional Science* 44 (May 2004), 225-243.
- “Airport Expansion and Property Values: The Case of Chicago O’Hare Airport,” *Journal of Urban Economics* 55 (May 2004), 627-640.
- “Determinants of Suburban Development Controls: A Fischel Expedition,” *Urban Studies* 41 (February 2004), 341-361, with John F. McDonald.
- “The Number of Subcenters in Large Urban Areas,” *Journal of Urban Economics* 53 (May 2003), 321-338, with Stefani C. Smith.
- “The Aroma of Tacoma: Time-Varying Average Derivatives and the Effect of a Superfund Site on House Prices,” *Journal of Business and Economic Statistics* 21 (April 2003), 237-246, with Paul Thorsnes.
- “The Return of Centralization to Chicago: Using Repeat Sales to Identify Changes in House Price Distance Gradients,” *Regional Science and Urban Economics* 33 (April 2003), 287-304.
- “Spatial Autocorrelation or Model Misspecification?,” *International Regional Science Review* 26 (April 2003), 208-217.
- “Costs and Benefits of Land Use Regulations: A Theoretical Survey,” *Journal of Real Estate Literature* 11 (2003), 157-175, with John F. McDonald.
- “Evolving Subcenters: Employment and Population Densities in Chicago, 1970-2020,” *Journal of Housing Economics* 12 (March 2003), 60-81, with T. William Lester.
- “Identifying Subcenters using Contiguity Matrices,” *Urban Studies* 40 (Jan. 2003), 57-69.
- “Neighborhood Price Indexes in Chicago: A Fourier Repeat Sales Approach,” *Journal of Economic Geography* 3 (Jan. 2003), 57-73.
- “Land Values in a Newly Zoned City,” *Review of Economics and Statistics* 84 (Feb. 2002), 62-72, with John F. McDonald.
- “Nonparametric Employment Subcenter Identification,” *Journal of Urban Economics* 50 (Nov. 2001), 448-473.
- “A Flexible Fourier Approach to Repeat Sales Price Indexes,” *Real Estate Economics* 29 (Summer 2001), 207-225, with Jonathan Dombrow.
- “Residential Building Permits in Urban Counties, 1990-1997,” *Journal of Housing Economics* 9 (Sept. 2000), 175-186, with John F. McDonald.
- “Employment Subcenters and Subsequent Real Estate Development in Suburban Chicago,” *Journal of Urban Economics* 48 (July 2000), 135-157, with John F. McDonald.  
Reprinted in *Suburban Sprawl: Private Decisions and Public Policy*, Wim Wiewel and Joseph J. Persky (eds.), M. E. Sharpe, New York (2002).

- “Land Use Before Zoning: The Case of 1920's Chicago,” *Regional Science and Urban Economics* 29 (July 1999), 473-489, with John F. McDonald.
- “Land Value and Parcel Size: A Semiparametric Analysis,” *Journal of Real Estate Finance and Economics* 17 (November 1998), 233-244, with Paul Thorsnes.
- “Population Density in Suburban Chicago: A Bid-Rent Approach,” *Urban Studies* 35 (1998), 1119-1130, with John F. McDonald.
- “Land Values, Land Use and the First Chicago Zoning Ordinance,” *Journal of Real Estate Finance and Economics* 16 (March 1998), 135-150, with John F. McDonald.
- “Suburban Subcenters and Employment Density in Metropolitan Chicago,” *Journal of Urban Economics* 43 (March 1998), 157-180, with John F. McDonald.
- “A Nonparametric Analysis of Employment Density in a Polycentric City,” *Journal of Regional Science* 37 (Nov. 1997), 591-612, with John F. McDonald.
- “Multiple Regime Bid-Rent Function Estimation,” *Journal of Urban Economics* 41 (March 1997), 301-319.
- “One Hundred Fifty Years of Land Values in Chicago: A Nonparametric Approach,” *Journal of Urban Economics* 40 (July 1996), 100-124.
- “Selection Bias in Spatial Econometric Models,” *Journal of Regional Science* 35 (Aug. 1995), 417-436.
- “Vintage Growth and Population Density: An Empirical Investigation,” *Journal of Urban Economics* 36 (Nov. 1994), 333-352.
- “Gender Differences in Economists' First-Job Choices,” *Southern Economic Journal* 60 (Jan. 1994), 701-714, with Larry D. Singell, Jr.
- “Could Zoning Have Increased Land Values in Chicago?,” *Journal of Urban Economics* 33 (March 1993), 167-188, with John F. McDonald.
- “Can Blacks Earn More in the Suburbs? Racial Differences in Intra-Metropolitan Earnings Variation,” *Journal of Urban Economics* 33 (March 1993), 135-150.
- “Work Location, Residence Location, and the Intraurban Wage Gradient,” *Journal of Urban Economics* 32 (Sept. 1992), 195-213, with Larry D. Singell, Jr.
- “Probit with Spatial Autocorrelation,” *Journal of Regional Science* 32 (Aug. 1992), 335-348.
- “Selection Bias and Land Development in the Monocentric City Model,” *Journal of Urban Economics* 31 (May 1992), 273-284, with Ronald Jarmin and Paul Thorsnes.
- “A Markov Chain Model of Zoning Change,” *Journal of Urban Economics* 30 (Sept. 1991), 257-270, with John F. McDonald.
- “A Simultaneous Equations Model of Zoning and Land Values,” *Regional Science and Urban Economics* 21 (May 1991), 55-72, with John F. McDonald.
- “Urban Land Value Functions with Endogenous Zoning,” *Journal of Urban Economics* 29 (Jan. 1991), 14-27, with John F. McDonald.
- “Employment Subcenters and Land Values in a Polycentric Urban Area: The Case of Chicago,” *Environment and Planning A* 22 (1990), 1561-1574, with John F. McDonald.
- “A Two-Limit Tobit Model of Suburban Land Use Zoning,” *Land Economics* 66 (August 1990), 272-282, with John F. McDonald.
- “The Timing and Duration of Development Tax Rate Increases,” *Journal of Urban Economics* 28 (July 1990), 1-18.

- “Constructing Confidence Intervals Using the Bootstrap: An Application to a Multi-Product Cost Function,” *Review of Economics and Statistics* 72 (May 1990), 339-344, with B. Kelly Eakin and Mark Buono.
- “Consistent Estimation of the Urban Land Value Function,” *Journal of Urban Economics* 27 (May 1990), 285-293.
- “Selectivity Bias in Urban Land Value Functions,” *Land Economics* 65 (Nov. 1989), 341-352, with John F. McDonald.
- “An Empirical Model of Urban Fringe Land Use,” *Land Economics* 65 (May 1989), 138-145.

#### BOOK CHAPTERS:

- “Urban Economics: Location, Agglomeration, and Policy Issues,” in: Gail Hoyt and KimMarie McGoldrick, eds., *International Handbook on Teaching and Learning Economics*,” Elgar Press (2012), 683-692.
- “The Economics of Zoning,” in: Nancy Brooks, Kieran Donaghy, and Gerrit-Jan Knaap, eds., *The Oxford Handbook of Urban Economics and Planning*, Oxford University Press, New York (2012), 438-459, with John F. McDonald.
- “School Finance Reforms and Property Tax Limitation Measures,” in: Gregory K. Ingram and Yu-Hung Hong, eds., *Fiscal Decentralization and Land Policies*, Lincoln Institute of Land Policy, Cambridge MA (2008), 141-166, with Larry D. Singell, Jr.
- “The Benefits of Environmental Improvements in a Low-Income Area: The Grand Calumet River Dredging Plan in Gary Indiana,” in: John Carruthers and Bill Mundy, eds., *Environmental Evaluation: Interregional and Intraregional Perspectives*, Ashgate, Burlington VT (2006), 147-162.
- “Testing for Monocentricity,” in: Richard Arnott and Daniel McMillen, eds., *A Companion to Urban Economics*, Blackwell, Malden MA (2006), 128-140.
- “Examples of Social Measurement in Urban Economics,” in *Encyclopedia of Social Measurement, Volume 3*, Elsevier (2005).
- “Employment Subcenters and Home Price Appreciation Rates in Metropolitan Chicago,” in: James P. LeSage and Kelley Pace, eds., *Advances in Econometrics, Volume 18: Spatial and Spatiotemporal Econometrics*, Elsevier, New York (2004), 237-257.
- “Locally Weighted Maximum-Likelihood Estimation: Monte Carlo Evidence and an Application,” in: Luc Anselin, Raymond J.G.M. Florax, and Sergio J. Rey, eds., *Advances in Spatial Econometrics*, Springer-Verlag, New York (2004), 225-239, with John F. McDonald.
- “Locally Weighted Regression and Time-Varying Distance Gradients,” in: Arthur Getis, Jesus Mur, and Henry G. Zoller, eds., *Spatial Econometrics and Spatial Statistics*, Palgrave Macmillan, New York (2004), 232-249.
- “The Reaction of Housing Prices to Information on Superfund Sites: a Semiparametric Analysis of the Tacoma, Washington Market,” in: Thomas B. Fomby and R. Carter Hill, eds., *Advances in Econometrics: Applying Kernel and Nonparametric Estimation to Economic Topics*, JAI Press, Stamford, CT (2000), 201-228, with Paul Thorsnes.



- “Agglomeration Economies and Urban Public Infrastructure,” in: Paul Cheshire and Edwin S. Mills, eds., *Handbook of Regional and Urban Economics, Vol 3: Applied Urban Economics*, North-Holland, New York (1999), 1455-1495, with Randall W. Eberts.
- “Zoning and Efficient Use of Land,” in: George Tolley, Shou-yi Hao, and Marcia Occomy, eds., *Urban Land and Housing Reform in Socialist and Formerly Socialist Countries*, Blackstone Press, Mt. Pleasant MI (1996), with John F. McDonald.
- “Spatial Effects in Probit Models: A Monte Carlo Investigation,” in: Luc Anselin and Raymond Florax, eds., *New Directions in Spatial Econometrics*, Springer, New York (1995), 189-228.

#### OTHER PUBLICATIONS:

- “Land Values in Chicago, 1913 – 2010: A City’s Spatial History Revealed,” *Land Lines*, Lincoln Institute of Land Policy, Cambridge MA (April 2014), 15-21, with Gabriel Ahlfeldt.
- “Declining House Prices and Property Taxes in Illinois,” *Illinois Report*, Institute of Government and Public Affairs (2011), 39-49.
- “Assessment Regressivity: A Tale of Two Illinois Counties,” *Land Lines*, Lincoln Institute of Land Policy, Cambridge MA (January 2011), 9-15.
- “Why are Property Taxes so Unpopular?,” *IGPA Policy Forum 22* (2010), with Nathan Anderson.
- “Fiscal Condition Critical: The Budget Crisis in Illinois,” *Illinois Report*, Institute of Government and Public Affairs (2010), 14-27, with Richard F. Dye and Nancy Hudspeth.
- Commentary on Gould, Ingrid Ellen, Katherine M. O’Regan, and Ioan Voicu, “Siting, Spillovers, and Segregation: A Reexamination of the Low-Income Housing Tax Credit Program,” in Glaeser, Edward L. and John M. Quigley (eds.), *Housing Markets and the Economy: Risk, Regulation, and Policy*, Cambridge, MA: Lincoln Institute of Land Policy (2009), 268-270.
- “Illinois’ Fiscal Future and the State’s Economy,” *Illinois Report*, Institute of Government and Public Affairs (2009), 13-22, with Richard F. Dye.
- “Surprise! An Unintended Consequence of Assessment Limitations,” *Land Lines*, Lincoln Institute of Land Policy, Cambridge MA (July 2007), 8-13.
- “Teardowns: Costs, Benefits, and Public Policy,” *Land Lines*, Lincoln Institute of Land Policy, Cambridge MA (July 2006), 2-7.
- “Alternatives to Cook County’s 7% Cap on Assessment Increases,” *IGPA Policy Forum 19* (2006), with Richard F. Dye and David Merriman.
- “The Geographic Evolution of the U.S. Auto Industry,” *Economic Perspectives 30* (Second Quarter 2006), 2-13, with Thomas Klier.
- “House Prices and the Proposed Expansion of Chicago O’Hare Airport,” Federal Reserve Bank of Chicago, *Economic Perspectives 28* (Third Quarter 2004), 28-39.
- “Employment Subcenters in Chicago: Past, Present, and Future,” Federal Reserve Bank of Chicago, *Economic Perspectives 27* (Second Quarter 2003), 2-14.

“The Center Restored: Chicago’s Residential Price Gradient Re-Emerges,” Federal Reserve Bank of Chicago, *Economic Perspectives* 26 (Second Quarter 2002), 2-11.

“Polycentric Urban Structure: The Case of Milwaukee,” Federal Reserve Bank of Chicago, *Economic Perspectives* 25 (Second Quarter 2001), 15-27

#### BOOK REVIEWS:

*Urban Dynamics and Growth: Advances in Urban Economics*, by Roberta Capello and Peter Nijkamp, *Journal of Regional Science* 46 (May 2006), 384-386.

*Geographically Weighted Regression: The Analysis of Spatially Varying Relationships*, by A. Stewart Fotheringham, Chris Brunsdon, and Martin Charlton, *American Journal of Agricultural Economics* 86 (May 2004), 554-556.

*Studies in the Structure of the Urban Economy*, by Edwin S. Mills, *Papers in Regional Science* 83 (January 2004), 70-72.

*Housing Markets in the United States and Japan*, edited by Yukio Noguchi and James M. Poterba, *Journal of Economic Literature* 32 (Sept. 1994), 1283-84.

*Fundamentals of Public Economics*, by Jean-Jacques Laffont, *Public Choice* 63 (1989), 183-184.

#### DISSERTATION COMMITTEES:

##### UNIVERSITY OF OREGON:

Dalenberg, Douglas R., *Estimates of Elasticities of Substitution between Public and Private Inputs in the Manufacturing Sector of Metropolitan Areas*, 1987.

Somantri, Maman, *Oil Revenues, Money, Prices, and Exchange Rate Policies in an Oil Exporting Economy: Indonesia 1969-1984*, 1988.

Farzinvash, Assadollah, *The Determinants of Exchange Rate Systems and the Demand for International Reserves: An Empirical Investigation*, 1989. Chair.

Lee, Hyun-Hoon, *Models and Tests of the Product Cycle in North-South Trade*, 1989.

Korjenek, Patrice, *Do Nutrition and Health Affect Worker Productivity in the Philippine Labor Market? A Test of the Efficiency Wage Hypothesis*, 1990.

North, James, *Economic Valuation of Household Benefits from Rural Water Source Improvements*, 1990.

Thornton, James, *A General Theory of Entrepreneurial Behavior for Owner Controlled Firms with Theoretical and Empirical Applications*, 1991.

Al-Towaijri, Hamad, *The Labor Market in Saudi Arabia: Family Effects, Compensating Wage Differentials, and Selectivity Bias*, 1992.

Thorsnes, Paul, *Three Empirical Studies of Residential Land Development*, 1994. Chair.

TULANE UNIVERSITY:

- Chen, Xiao, *Essays on Local Taxation and Urban Development*, 1997.
- Manian, Sunita, *Intra-Familial Distribution of Food in India: A Game-Theoretic Analysis*, 1998.
- Wedding, Timothy, *Empirical Studies of International Trade Flows and Related Domestic Policy Considerations*, 1998.
- Orlando, Maria Beatriz, *Wage Differentials, Microenterprises, and the Household Evidence from Latin America*, 1998.
- Parandekar, Suhas, *Three Essays in the Economics of Education in a Developing Country*, 1999.
- Seiber, Eric E., *Three Essays in Health Economics: Public Hospital Presence and Workers' Insurance Choice Risk Preferences and Insurance Choice Managed Care Market Penetration and Hospital Expenses*, 2000. Chair.

UNIVERSITY OF ILLINOIS AT CHICAGO:

- Wassenaar, Henk Jan, *An Approach to Decision-Based Design*, 2003. Industrial Engineering.
- Freese, Pamela, *Third Sector Land Protection: Planning on Conservation Land Trusts*, 2003. Urban Planning.
- Wenz, Michael, *Casino Gambling and Economic Development*, 2006, Chair. Winner of 2006 Charles M. Tiebout Price for best dissertation in regional science and the 2007 UIC Best Dissertation Award.
- Massenberg, Raymond, *Race-Related Context, and Social Consequences of Foreclosure: A Study of Chicago Neighborhoods*, Urban Planning, 2006.
- Peterson, Carl, *Efficiency in the US Electric Industry: Transactions Costs, Deregulation and Governance Structures*, 2006.
- Gallagher, Ryan, *The Economics of Industrial Location: Agglomeration, Co-Agglomeration, and Inventory Management*, 2007.
- Harvill, Terry, *Entry, Concentration and Market Efficiency: A Simulation of the PJM Energy Market*, 2007.
- Zhou, Jian, *Three Essays in Urban Economics*, 2008. Chair. Winner of the 2009 UIC Best Dissertation Award.
- Wisalaporn, Sorawat, *Three Essays on the Wage Curve*, 2008.
- Zhao, Zhenxiang, *Neighborhood Effects on Obesity*, 2008.
- Jacob, Benoy, *Do Taxes and Market Pressures Shape Land-Use Administration? A Comparison of Land-Use Decisions in Three American Cities*, Urban Planning, 2008.

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

- Edwards, Finley, *Three Essays on the Economics of Education*, 2011.
- Atuesta, Laura, *Three Essays on Households' Location Decisions: Analysis of the Processes of Gentrification and Rural-Urban Migration*, Agricultural and Applied Economics, 2011.
- Sen, Monalisa, *Specification Tests: Theory and Applications to Growth Convergence Models*, 2012.
- Hagemann, Andreas, *Three Essays in Econometrics*, 2012.
- Caruso, Germán Daniel, *First and Second Generation Impacts of Shocks in Early Childhood: Evidence from Latin America and Africa*, 2014.
- Chung, Sungyup, *Three Essays on Regional Business Cycle Analysis*, 2015.
- Xie, Xiaoying, *Essays on Migration*, 2015.
- Miller, Elizabeth, *Market Entry and Exit in the Spatial Ethanol Industry*, 2015.
- Kao, Yu-Hsien, *Three Essays on Spatial Econometrics with an Emphasis on Testing*, 2015.
- Fung, Juan, *Tree Essays in Applied Market Design*, 2016.
- Bonilla, Leonardo, *Three Essays on Education Decisions in Colombia*, 2016.
- Zhang, Cong, *Imports, Immigration, and Housing*, 2016.
- Sadayuki, Taisuke, *Three Essays on the Japanese Housing Market*, 2016.
- Feng, Qinqing, *Immigrant Inflows and Public Goods Provision*, 2016.
- Esteban Lopez Ochoa, *Three Essays about Housing Issues in New Contexts: Demand for Housing Attributes, Housing Price Indices, and Location Choices under Displacement*, 2016.
- Yu, Chenxi, *Three Papers in Urban and Regional Economics and Development*, 2016.
- Soppelsa, Maria Edisa, *Empirical Models of Land Conservation and Land Use*, 2016 (chair).
- Bak, Xian Fang, *Three Essays Investigating the Post-Bubble Housing Market: Prices and Foreclosures*, 2016.
- Farahani, Arash, *Three Essays on Government Revenue and Expenditures*, 2017.
- Singh, Ruchi, *Three Essays in Urban Economics*, 2017 (chair).
- Savchenko, Olesya, *Sustainable Infrastructure Technologies: Impact and Policy*, 2017.
- Schneider, Rodrigo Araujo, *Essays on Public Policy and Social Programs in Brazil*, 2018.
- Ma, Sen, *Three Essays in Applied Microeconomics on Contemporary Chinese Economic Issues*, 2018.
- Xu, Minhong, *The Socioeconomic Consequences of the U.S. Fracking Boom*, 2018.
- Amini Behbahani, Amirhossein, *Essays in Urban and Development Economics*, 2018.
- Li, Zening, *Three Essays on Industrial Organization*, 2018.
- Barmiento-Sarbieri, Ignacio, *Three Essays on Public Policy and Safety*, 2018 (chair).
- Liu, Yingyi, *Three Essays in Urban Economics*, 2018.
- Hurtado Martilletti, Carlos Arturo, *Essays on Urban Economics and Public Finance*, 2019.
- Stevens, Alexander, *The Socioeconomic Impacts of the Superfund Program*, 2019.

OTHER:

- Charles, Suzanne Lanyi, *Suburban Gentrification: Residential Redevelopment and Neighborhood Change, A Case Study of the Inner-Ring Suburbs of Chicago, IL, 2000-2010*, Harvard University Graduate School of Design, 2010.
- Snyder, Samantha, *Spatial Dynamics of Urban Development: School Competition and Public Housing Policy*, Purdue University, Department of Agricultural Economics, 2011.
- Koo, Kang Mo, *Housing, Consumption, and Transportation Responses to Policy Experiments in Singapore*, National University of Singapore, 2016.
- Waltl, Sofie, *Modelling Housing Markets: Issues in Economic Measurement*, University of Graz, Austria, 2017.

PAPER PRESENTATIONS SINCE FALL 1994:

- “One Hundred Fifty Years of Land Values in Chicago”  
University of New Orleans, October 28, 1994  
University of Oregon, November 11, 1994  
Regional Science Association meetings, November 19, 1994, Niagara Falls, Ont.
- “Employment Density in a Polycentric City”  
Southern Economic Association meetings, New Orleans, November 1995  
LSU, March 21, 1995
- “Transportation Facilities, Suburban Employment Centers, and Population Density in Metropolitan Chicago,” TRED Conference on Transportation and Land use, October 12, 1996
- “Employment in Suburban Chicago: An Application of the Method of Simulated Likelihood to Probit Modeling with Spatial Expansion,” Symposium on the Expansion Method, Odense University, October 24-27, 1996
- “Land Use before Zoning,” Southern Economics Association, Atlanta, November 21, 1997
- “Land Values in a Newly Zoned City”  
Washington University, March 18, 1998  
University of Houston, April 9, 1998  
University of British Columbia, July 9, 1998  
University of Kentucky, September 4, 1998
- “Locally Weighted Maximum Likelihood Estimation,” Regional Science Association meetings, November 14, 1998
- “Employment Subcenters and Subsequent Real Estate Development in Suburban Chicago”  
Brookings Institution, November 1998
- “The Reaction of Housing Prices to Information on Superfund Sites”  
University of Illinois at Chicago, March 8, 1999  
Regional Science Association, November 13, 1999
- “Nonparametric Subcenter Identification”  
Regional Science Association, November 13, 1999

- Upjohn Institute, December 7, 1999  
 University of Texas, April 16, 2000
- “A Flexible Fourier Approach to Repeat Sales Price Indexes”  
 AREUEA meetings, Boston, January 7, 2000  
 Illinois Economic Association, October 21, 2000
- “The Aroma of Tacoma”  
 Regional Science Association meetings, Chicago, November 11, 2000  
 University of Oregon, October 29, 2001
- “The Return of Centralization to Chicago”  
 University of Georgia, February 28, 2001  
 Federal Reserve Bank of Chicago, May 16, 2001  
 University of Connecticut, July 13, 2001  
 University of British Columbia, October 26, 2001  
 AREUEA meetings, January 6, 2002  
 Northern Illinois University, April 17, 2002
- “Are Cities Coming Back? The Case of Chicago,” Federal Reserve Bank of Chicago,  
 September 28, 2001
- “The Determinants of Suburban Zoning,” Florida State University, November 17, 2001
- “Smart Growth and Employment Subcenters,” for Smart Growth and Community Development,  
 Hosted by the Federal Reserve Banks of Richmond, Atlanta, and Philadelphia in  
 Washington DC, November 28, 2001
- “The Number of Subcenters in Large Urban Areas”  
 Syracuse University, September 24, 2002  
 Regional Science Association meetings, San Juan, November 21, 2002
- “The O’Hare Expansion and the Chicago Economy,” Illinois Economic Association meetings,  
 October 18, 2002
- “Property Values and the Expansion of Chicago O’Hare Airport”  
 Federal Reserve Bank of Chicago, November 5, 2002  
 Institute for Government and Public Affairs, November 7, 2002 and May 19, 2003  
 Roosevelt University, November 2002  
 Illinois State University, April 21, 2003  
 DePaul University, May 21, 2003  
 Florida State University, October 17, 2003  
 Southern Economic Association meetings, November 23, 2003  
 AREUEA meetings, January 4, 2004  
 University of Colorado, February 27, 2004
- “Employment Densities in Large Metropolitan Areas,” Regional Science Association meetings,  
 San Juan, November 21, 2002
- “Urban/Spatial Mismatch,” Federal Reserve Bank of Chicago conference: *Assessing the Midwest  
 Workforce: Strategies for Developing the Region’s Human Capital*, November 21, 2002
- “Employment Subcenters in Chicago: Past, Present, and Future,”  
 Federal Reserve Bank of Chicago, May 7, 2003

- “Economic Benefits of a Grand Calumet River Contaminated Sediment Remediation,”  
Wildlife Habitat Council, Merrillville IN, September 17, 2003  
International Joint Commission Great Lakes Conference, Ann Arbor MI,  
September 18, 2003
- “Zoning and Land Values: A Research Retrospective,” Florida State University, October 2003
- “Employment Subcenters and Home Price Appreciation Rates in Metropolitan Chicago,”  
LSU, November 9, 2003  
Southern Economic Association meetings, November 23, 2003
- “House Prices and the Proposed Expansion of O’Hare Airport,”  
University of Richmond, April 2, 2004  
Federal Reserve Bank of Chicago, April 29, 2004
- “Quantile House Price Indexes”  
University of British Columbia, July 23, 2004  
McMaster University, October 8, 2004  
Illinois Economic Association, October 15, 2004
- “Spatial Price Competition and Private University Tuitions”  
University of Illinois at Urbana-Champaign, October 29, 2004
- “The Effects of Crime on the Intra-Urban Distribution of Population and Housing Prices”  
Regional Science Association Meetings, Seattle, November 12, 2004
- “Comparing Location Decisions of Domestic and Foreign Auto Supplier Plants”  
Federal Reserve Bank of Chicago, November 24, 2004
- “Clustering of Auto Supplier Plants in the U.S.: GMM Spatial Logit for Large Samples”  
University of California at Berkeley, February 28, 2005  
University of Otago, May 27, 2005  
Federal Reserve Bank of Chicago, November 22, 2005  
Kyoto University, July 2, 2006  
Regional Science Association meetings, Toronto, November 17, 2006  
University of Illinois at Urbana-Champaign, February 12, 2008
- “Teardowns and Land Values in the Chicago Metropolitan Area”  
IAAO meetings, Anchorage, September 20, 2005  
Federal Reserve Bank of Philadelphia, October 18, 2005  
Lincoln Institute of Land Policy, November 8, 2005  
National Tax Association, Miami, November 18, 2005  
University of Illinois at Urbana-Champaign, April 7, 2005  
University of Illinois at Chicago, September 15, 2006  
University of California at Irvine, October 19, 2006  
University of Southern California, October 20, 2006
- “Thin Markets and Property Tax Equity: Are Sales Frequencies to Blame for Regressive  
Property Assessments?”  
Lincoln Institute of Land Policy, October 21, 2005
- “The Dynamics of Neighborhood-Level Quantile House Price Indexes”  
AREUEA meetings, Boston, January 8, 2005

- “The Geographical Evolution of the US Auto Industry”  
Federal Reserve Bank of Chicago, February 21, 2006
- “The Economic Effects of the 7% Assessment Cap in Cook County”  
Lincoln Institute of Land Policy, November 2, 2006
- “Evolving Agglomeration in the U.S. Auto Supplier Industry”  
Federal Reserve Bank of Chicago, November 7, 2006  
University of Illinois at Urbana-Champaign, April 27, 2007
- “Estimating Time, Age, and Vintage Effects in Housing Prices”  
AREUEA meetings, Chicago, January 7, 2007
- “The Economics of Assessment Caps”  
Lincoln Institute of Land Policy, January 19, 2007
- “The Economics of Teardowns”  
National Trust for Historic Preservation, Chicago, February 15, 2007
- “School Finance Reforms, Property Tax Limitation Measures, and the Distributions of Expenditures and Class Sizes”  
Lincoln Institute of Land Policy, June 5, 2007
- “Estimation and Hypothesis Testing for Nonparametric Hedonic House Price Functions”  
Regional Science Association meetings, Savannah GA, November 10, 2007
- “Changes in the Distribution of House Prices over Time”  
UC-Riverside, February 7, 2008  
Federal Reserve Bank of Atlanta, May 16, 2008  
Federal Reserve Bank of St. Louis, June 10, 2008
- “Teardowns and Land Value Function Estimation”  
UC-Irvine, February 9, 2008  
Illinois State University, March 24, 2008
- “Reforms, Tax Limits, and the Distribution of School Expenditures: A Quantile Approach”  
Virginia Tech University, September 26, 2008  
University of Southern California, October 10, 2008  
University of Illinois Department of Urban Planning, November 7, 2008  
University of Toronto, December 4, 2008
- “Repeat Sales and the Changing Distribution of House Prices: A Quantile Approach”  
Homer Hoyt Institute, Palm Beach Fl, January 17, 2009  
Homer Hoyt Institute, Palm Beach Fl, January 16, 2010
- “Spatial Data Analysis”  
Federal Reserve Bank of New York, April 23, 2009
- “Teardown Clusters: GMM Spatial Probit with Sample Selection”  
Purdue University, May 1, 2009  
Federal Reserve Bank of New York, June 1, 2009  
University of British Columbia, June 26, 2009
- “Spatial Econometrics and Policy Evaluation”  
University of Illinois, IGPA, October 21, 2009  
Purdue University, April 9, 2010



- “Price Indices across the Distribution of Sales Prices: A Matching Approach”  
 AREUEA Mid-Year Meetings, Washington DC, June 4, 2010  
 Spatial Econometrics Association meetings, Chicago, June 11, 2010  
 Ohio State University, September 30, 2010  
 University of Cincinnati, December 3, 2010
- “Are Residential Assessments Really Regressive? Estimating the Distribution of Home Prices using Quantile Regressions”  
 IAAO meetings, Orlando, August 30, 2010  
 University of Hartford, March 8, 2011  
 IAAO meetings, Phoenix, September 12, 2011  
 Michigan State University, February 24, 2012
- “Option Value and the Price of Teardown Properties”  
 NYU, March 3, 2011  
 Peking University, July 16, 2011  
 Pompeu Fabra University, Barcelona, September 28, 2011  
 Indiana University, October 28, 2011  
 AREUEA meetings, January 7, 2012  
 Georgia State University, April 28, 2012  
 UNC Charlotte, September 26, 2012  
 UIUC Department of Finance, December 14, 2012
- “The Effect of a Smelter Closing on House Prices”  
 University of Illinois Program in Environmental and Resource Economics, Oct. 11, 2011
- “A Quantile Regression Analysis of the 1965 Voting Rights Act”  
 University of Illinois IGPA Research Conference, April 3, 2012
- “A CPAR Model of Micro-Data Land Use in Chicago”  
 11<sup>th</sup> International Workshop Spatial Econometrics and Statistics, Avignon, Nov 15, 2012  
 (keynote speaker)  
 University of Illinois Program in Environmental and Resource Economics, Nov. 27, 2012  
 Health Econometrics Workshop, Siena, Italy, December 8, 2012 (keynote speaker)
- “Assessments and Property Tax Variability: A Quantile Approach”  
 UCLA, February 28, 2013  
 USC, March 1, 2013  
 University of Wisconsin HULM meetings at St. Louis Fed, April 12, 2013  
 National University of Singapore, May 28, 2013  
 Peking University, June 28, 2013 (keynote speaker)  
 Spatial Econometrics Association meetings, Washington DC, July 11, 2013 (keynote speaker)  
 Penn State University, August 30, 2013  
 Marquette University, September 6, 2013  
 West Virginia University, September 27, 2013  
 UNLV, April 4, 2014.
- “Local Quantile House Price Indices”  
 AREUEA meetings, Philadelphia, January 4, 2014

University of British Columbia, June 12, 2014  
 Tel Aviv University, July 3, 2014  
 Singapore Management University, March 6, 2015  
 National University of Singapore, March 13, 2015  
 National Bureau of Statistics China, Shengyang, August 19, 2015  
 “The Elasticity of Substitution between Land and Capital”  
 Northwestern University, February 7, 2014  
 “Border Effects in Suburban Land Use”  
 University of Tennessee, April 25, 2014  
 “The Elderly Landscape: Evidence from California”  
 Health Econometrics Workshop, University of Padua, July 20, 2014 (keynote speaker)  
 “Teardowns and Demolitions in Chicago, 2000-2014: A Conditionally Parametric Approach”  
 University of California, Riverside, January 17, 2015  
 “Teardowns and Urban Redevelopment”  
 TCU, March 25, 2015  
 George Washington University, April 17, 2015  
 “Nonparametric and GMM Methods for Estimating Spatial Probit Models”  
 Cambridge University, June 29, 2015  
 “House Prices and School Choice”  
 Wayne State University, February 19, 2015  
 TCU, March 25, 2015  
 SMU, March 27, 2015  
 AREUEA National Meetings, Washington DC, May 28, 2015  
 Cornell University, September 11, 2015  
 Indiana University, September 18, 2015  
 National University of Singapore, October 14, 2015  
 (EC)<sup>2</sup> Conference, Glasgow, December 18, 2015  
 University of Wisconsin, February 6, 2016  
 City University of Hong Kong, April 12, 2016  
 Federal Reserve Bank of Cleveland, August 22, 2016  
 University of Cincinnati, September 28, 2016  
 University of Kentucky, September 30, 2016  
 Federal Reserve Bank of New York, November 1, 2016  
 University of Pittsburgh, March 20, 2018  
 Penn State University, March 21, 2018  
 Kent State University, April 15, 2018  
 Arizona State University, November 7, 1928  
 “The Vertical City”  
 AREUEA Mid-Year Meetings, Washington DC, June 2, 2016  
 University of Toronto, June 6, 2016  
 National Chengchi University, Taiwan, June 20, 2016  
 University of Sao Paulo, October 18, 2017

- “Fair Market Rents and the Distribution of Rents in Los Angeles”  
 Housing Affordability Conference, Tel Aviv University, July 12, 2016  
 University of Illinois at Urbana-Champaign, September 6, 2016  
 UCLA, December 1, 2016
- “Quantile Regression and the Distribution of House Prices in Japanese Cities, 1986 – 2015”  
 Research Institute of Economy, Trade, and Industry, Tokyo, October 13, 2016
- “Decompositions of Spatially Varying Quantile Distribution Estimates: The Rise and Fall of Tokyo House Prices”  
 Northern Arizona University, April 21, 2017  
 Jinan University, June 8, 2017  
 University of York, July 18, 2017  
 Research Institute of Economy, Trade, and Industry, Tokyo, December 14, 2017
- “Do More Eyes on the Street Reduce Crime? Evidence from Chicago’s Safe Passage Program”  
 AREUEA conference, Amsterdam, July 5, 2017.  
 University of Sao Paulo, October 12, 2017.
- “Heterogeneity: Variation in House Price Appreciation Rates within Urban Areas”  
 AREUEA Presidential Address, Philadelphia, January 6, 2018.
- “Spatial Variation in House Prices and the Opening of Chicago’s Orange Line”  
 Lincoln Institute of Land Policy, April 4, 2018.  
 AREUEA conference, Guangzhou, June 12, 2018.
- “Spatial Weight Matrices for Point Data: The ‘Myth’ is Not a Myth”  
 Health Econometrics Workshop, University of Bergamo, July 19, 2018.
- “Assessment Regressivity and Property Taxation”  
 University of Alabama, September 14, 2018.  
 Real Estate Valuation Symposium, Fannie Mae, Washington DC, October 23, 2018.  
 Regional Science Association Meetings, San Antonio, November 9, 2018.
- “Adjusting for Spatial Variation in Real Estate Price Indices”  
 National University of Singapore Conference on Real Estate and Urban Studies,  
 May 24, 2019.
- “Decompositions of House Price Distributions over Time”  
 UIC Department of Finance, September 9, 2019.  
 UIC CBA Advisory Council, September 26, 2019.  
 University of Tokyo, December 17, 2019.