

MARLON G. BOARNET

Department of Planning, Policy, and Design
University of California, Irvine, CA 92697-7075
ph. (949)-824-7695, fax (949)-824-8566, email: mgboarne@uci.edu

ACADEMIC EMPLOYMENT

University of California, Irvine, 1991-present

Professor of Planning, Policy, and Design and of Economics, 2004 - present
Department Chair, Department of Planning, Policy, and Design, Jan., 2003 – Dec., 2006
Managing Co-Editor, *Journal of Regional Science*, July, 2002 – present
Associate Professor of Planning, Policy, and Design and Economics, 1998-2004
Graduate Advisor and Director of Masters and Ph.D. Programs, Dept. of Urban and Regional Planning, 1999-2002
Assistant Professor (acting asst. prof., 1991) Urban and Regional Planning, 1991-1998

EDUCATION

Princeton University, Woodrow Wilson School of Public and International Affairs:

Ph.D., 1992, Master of Arts, 1990, Master in Public Affairs, 1988
Ph.D. Dissertation: *"Intra-Metropolitan Growth Patterns: The Nature and Causes of Population and Employment Changes within an Urban Area"*

Rice University, Bachelor of Arts (physics), cum laude, 1984

HONORS, EDITORIAL BOARDS, NOTABLE SERVICE

Editorial Board Member: *Journal of Regional Science*, 1998 – present (managing co-editor since 2002)

Papers in Regional Science, 1999 – present

Journal of the American Planning Association, 2004 – present
(associate editor since 2005)

Journal of Planning Literature, 2005 – present

Journal of Transport and Land Use, 2007 – present

Guest Editor, *Journal of American Planning Association*, special issue on health and planning, Winter, 2006

Member, National Academy of Sciences/National Research Council Committee on Relationships Among Development Patterns, Vehicle Miles Traveled, and Energy Consumption, 2007 – 2008.

Fannie Mae Foundation Prize for Best Paper in Housing and Community Development, 2000
Association of Collegiate Schools of Planning meeting

Honorable Mention, Graduate Student Faculty Mentor Award (one of three UC-Irvine faculty members recognized in 1999-2000)

HONORS, EDITORIAL BOARDS, NOTABLE SERVICE (continued)

Elected Councilor, North American Regional Science Association, 1999-2001

Best of ACSP Award, 1997 Association of Collegiate Schools of Planning meeting

BOOKS

M. Boarnet and R. Crane, *Travel by Design: The Influence of Urban Form on Travel*. Oxford University Press, 2001.

JOURNAL ARTICLES

M. Boarnet, M. Greenwald, and T. McMillan, "Walking, Urban Design, and Health: Toward a Cost-Benefit Analysis Framework," *Journal of Planning Education and Research*, 2008, forthcoming.

R. Funderburg, and M. Boarnet, "Agglomeration Potential: The Spatial Scale of Industry Linkages in the Southern California Economy," *Growth and Change*, 2008, forthcoming.

M. Alfonzo, M. Boarnet, K. Day, T. McMillan, and C. Anderson, "The Relationship of Neighborhood Built Environment Features and Adult Parents' Walking," *Journal of Urban Design*, 2008, forthcoming.

M. Boarnet, "Planning's Role in Building Healthy Cities: An Introduction to the Special Issue," *Journal of the American Planning Association*, volume 72, number 1, Winter, 2006.

T. McMillan, K. Day, M. Boarnet, M. Alfonzo, and C. Anderson. "Johnny Walks to School – Does Jane? Sex Differences in Children's Active Travel to School." *Children, Youth, and Environments*, volume 16, issue 1, 2006.

K. Day, M. Boarnet, M. Alfonzo, and A. Forsyth. "The Irvine Minnesota Inventory to Measure Built Environments: Development," *American Journal of Preventive Medicine*, volume 30, issue 2, Feb., 2006, pp. 144-152

M. Boarnet, K. Day, M. Alfonzo, A. Forsyth, and M. Oakes. "The Irvine Minnesota Inventory to Measure Built Environments: Reliability Tests," *American Journal of Preventive Medicine*, volume 30, issue 2, Feb., 2006, pp. 153-159.

JOURNAL ARTICLES (continued)

J.D. Saphores and M. Boarnet, "Uncertainty and the Timing of an Urban Congestion Relief Investment: The No-Land Case," *Journal of Urban Economics*, volume 59, issue 2, March, 2006, pp. 189-208.

M. Boarnet, R. Crane, D. Chatman, and M. Manville. "Emerging Planning Challenges in Retail: The Case of Wal-Mart," *Journal of the American Planning Association*, volume 71, issue 4, Fall, 2005.

M. Boarnet, K. Day, C. Anderson, T. McMillan, and M. Alfonzo, "California's Safe Routes to School Program: Impacts on Walking, Bicycling, and Pedestrian Safety," *Journal of the American Planning Association*, volume 71, issue 3, Summer, 2005, pp. 301-317.

M. Boarnet, S. Chalermpong, and E. Geho, "Specification Issues in Models of Population and Employment Growth," *Papers in Regional Science: The Journal of the RSAI*, volume 84, number 1, March, 2005 pp. 21-46.

M. Boarnet, C. Anderson, K. Day, T. McMillan, and M. Alfonzo, "Evaluation of the California Safe Routes to School Legislation: Urban Form Changes and Children's Active Transportation To School," *American Journal of Preventive Medicine*, volume 28, issue 2, supplement 2, February, 2005, pp. 134-140.

P.O. Plaut and M. Boarnet, "New Urbanism and the Value of Neighborhood Design," *Journal of Architectural and Planning Research*, volume 20, number 3, pp. 254-265, Fall, 2003.

S. Handy, M. Boarnet, R. Ewing, and R. Killingsworth, "The Built Environment and Physical Activity: Contributions from the Field of Urban Planning," *American Journal of Preventive Medicine*, vol. 23, no. 2, pp. 64-73, August, 2002.

M. Boarnet and A. Glazer, "Federal Grants and Yardstick Competition," *Journal of Urban Economics*, volume 52, issue 1, pp. 53-64, July, 2002.

M. Greenwald and M. Boarnet, "The Built Environment as a Determinant of Walking Behavior: Analyzing Non-Work Pedestrian Travel in Portland, Oregon," *Transportation Research Record*, number 1780, pp. 33-42, 2002.

M. Boarnet and S. Chalermpong, "New Highways, House Prices, and Urban Development: A Case Study of Toll Roads in Orange County, California," *Housing Policy Debate*, volume 12, issue 3, pp. 575-605, 2001.

JOURNAL ARTICLES (continued)

M. Boarnet and M. Greenwald, "Land Use, Urban Design, and Non-Work Travel: Reproducing for Portland, Oregon Empirical Tests from Other Urban Areas," *Transportation Research Record*, number 1722, pp. 27-37, 2001.

M. Boarnet and R. Crane, "The Influence of Land Use on Travel Behavior: Empirical Strategies," *Transportation Research, A*, volume 35, number 9, pp. 823-845, Nov., 2001.

M. Boarnet, "Enterprise Zones and Economic Development: How Can We Learn More?" *Economic Development Quarterly*, volume 15, number 3, pp. 242-254, August, 2001.

M. Boarnet, "Road Infrastructure, Economic Productivity, and the Need for Highway Finance Reform," *Public Works Management and Policy*, volume 3, number 4, pp. 289-303, April, 1999.

M. Boarnet, E. Kim, and E. Parkany, "Measuring Traffic Congestion," *Transportation Research Record*, number 1634, pp. 93-99, 1999.

M. Boarnet and N. Compin, "Transit-Oriented Development in San Diego County: The Incremental Implementation of a Planning Idea," *Journal of the American Planning Association*, volume 65, number 1, pp. 80-95, Winter, 1999.

M. Boarnet, "Spillovers and the Locational Effects of Public Infrastructure," *Journal of Regional Science*, volume 38, number 3, pp. 381-400, August, 1998.

M. Boarnet and S. Sarmiento, "Can Land Use Policy Really Affect Travel Behaviour? A Study of the Link Between Non-Work Travel and Land Use Characteristics," *Urban Studies*, volume 35, number 7, pp. 1155-1169, June, 1998.

Above reprinted in "The Automobile," Lars Lundqvist, Kenneth Button, and Peter Nijkamp (eds.), Edward Elgar Publishing, Ltd., 2002.

M. Boarnet, "Business Losses, Transportation Damage, and the Northridge Earthquake," *Journal of Transportation and Statistics*, volume 1, number 2, pp. 49-63, May, 1998.

M. Boarnet and R. Crane, "Public Finance and Transit-Oriented Planning: Evidence from Southern California," *Journal of Planning Education and Research*, volume 17, number 3, pp. 206-219, Spring, 1998.

M. Boarnet, "Highways and Economic Productivity: Interpreting Recent Evidence," *Journal of Planning Literature*, volume 11, number 4, pp. 476-486, May, 1997.

JOURNAL ARTICLES (continued)

M. Boarnet, "Infrastructure Services and the Productivity of Public Capital: The Case of Streets and Highways," *National Tax Journal*, volume 50, number 1, pp. 39-57, March, 1997.

Above reprinted in (1) "Readings in Urban Economics : Issues and Public Policy," Robert W. Wassmer (ed.), Blackwell Publishers, 2000, and (2) "Transport Infrastructure," Roger Stough, Roger Vickerman, Kenneth Button, and Peter Nijkamp (eds.), Edward Elgar Publishing, Ltd., 2002.

M. Boarnet and R. Crane, "L.A. Story: A Reality Check for Transit-Based Housing," *Journal of the American Planning Association*, volume 63, number 2, Spring, 1997.

M. Boarnet and W.T. Bogart, "Enterprise Zones and Employment: Evidence From New Jersey," *Journal of Urban Economics*, volume 40, number 2, pp. 198-215, September, 1996.

M. Boarnet, "The Monocentric Model and Employment Location," *Journal of Urban Economics*, volume 36, number 1, pp. 79-97, July, 1994.

Above reprinted in, "Recent Developments in Urban and Regional Economics," Paul C. Cheshire and Gilles Duranton (eds.), Edward Elgar Publishing Ltd., 2004.

M. Boarnet, "An Empirical Model of Intrametropolitan Population and Employment Growth," *Papers in Regional Science, The Journal of the RSAI*, volume 73, number 2, pp. 135-152, April, 1994.

BOOK CHAPTERS, REFEREED REPORTS, OTHER PUBLICATIONS

J. Carruthers, M. Boarnet, and R. McLaughlin, "Growth Management and the Spatial Outcome of Regional Development in Florida, 1982 – 1997," in *Growth Management in Florida: Planning for Paradise*, edited by Timothy S.Chapin, Charles E. Connerly and Harrison T. Higgins. Ashgate, 2007.

M. Boarnet and L. Takahashi, "Bridging the Divide Between Urban Health and Urban Planning," in *Handbook of Urban Health*, edited by Sandro Galea and David Vlahov. Kluwer Academic Publishers, forthcoming, 2005.

F. Medda and M. Boarnet, "An Analysis of the Effects of Urban Land Use on Transportation," in *Social Dimensions of Sustainable Transport: Transatlantic Perspectives*, edited by Kieran Donaghy, Stefan Poppelreuter, and Georg Rudinger. Ashgate Press, 2005.

BOOK CHAPTERS, REFEREED REPORTS, OTHER PUBLICATIONS (continued)

M. Boarnet and J. DiMento, "The Private Sector's Role in Highway Finance: Lessons from California's State Route 91," *ACCESS*, number 25. Berkeley, California: University of California Transportation Center. Fall, 2004.

S. Rey and M. Boarnet, "A Taxonomy of Spatial Econometric Models for Simultaneous Equations Systems," in *Advances in Spatial Econometrics*, edited by Luc Anselin and Raymond Florax, Springer-Verlag, 2004.

M. Boarnet, "The Built Environment and Physical Activity: Empirical Methods and Data Resources," refereed background paper prepared for the Transportation Research Board – Institute of Medicine panel on *Does the Built Environment Influence Physical Activity? Examining the Evidence*, Washington, D.C.: Transportation Research Board of the National Academies, 2004. <http://trb.org/downloads/sr282papers/sr282Boarnet.pdf>

M. Boarnet authored chapter 9 "Economic Development" and chapter 12 "Land Prices and Property Values" in *Effective Methods for Environmental Justice Assessment*, by David Forkenbrock and Jason Sheeley, NCHRP Report number 532, Washington, D.C.: Transportation Research Board of the National Academies, 2004.
<http://gulliver.trb.org/publications/nchrp/nchrp_rpt_532.pdf>

M. Boarnet, J. DiMento, and G. Macey, "*Toll Highway Finance in California: Lessons from Orange County*," Final Report on California Policy Research Center project, April, 2002. <www.ucop.edu/cprc/tollroadrpt.pdf>

M. Boarnet and A. Haughwout, "Do Highways Matter? Evidence and Policy Implications of Highways' Influence on Metropolitan Development," refereed discussion paper of the Brookings Institution Center on Urban and Metropolitan Policy, August, 2000.
<<http://brookings.edu/es/urban/boarnet.pdf>>

M. Boarnet, review of *Industrial Incentives: Competition Among American States and Cities* by Peter Fisher and Alan Peters, *Regional Science and Urban Economics*, volume 29, number 6, pp. 787-791, November, 1999.

M. Boarnet, "What Role for Transit Villages?," review of *Transit Villages in the 21st Century* by Michael Bernick and Robert Cervero, *Journal of Architectural and Planning Research*, volume 15, number 4, pp. 358-360, Winter, 1998.

M. Boarnet, "New Highways and Economic Growth: Rethinking the Link," *ACCESS*, number 7. Berkeley, California: University of California Transportation Center. Fall, 1995.

RECENT WORKING PAPERS

M. Boarnet, R. McLaughlin, and J. Carruthers, "Does State Growth Management Change the Pattern of Urban Growth? Evidence from Florida," revised October, 2007.

M. Boarnet, "Data and Empirical Methods for Studying the Built Environment – Physical Activity Relationship," under submission at *Journal of Transportation and Land Use*.

K. Joh, M. Boarnet, M. Nguyen, W. Fulton, W. Siembab and S. Weaver, "Accessibility, Travel Behavior, and New Urbanism: Case Study of Mixed-Use Centers and Auto-Oriented Corridors in the South Bay Region," revise and resubmit, *Transportation Research Record*.

M. Boarnet, K Nesamani, and C. Smith, "Comparing the Influence of Land Use on Nonwork Trip Generation and Vehicle Distance Traveled: An Analysis Using Travel Diary Data," Nov., 2003.

M. Boarnet and S. Chalermpong, "Urban Growth and Highway Infrastructure: A 'Before' and 'After' Test of the Influence of Highways on Metropolitan Growth Patterns," November, 2002.

SELECTED WORKING PAPERS AND RESEARCH REPORTS (not listed above)

M. Boarnet, R. Crane, D. Chatman, and M. Manville, "*Supercenters and the Transformation of the Bay Area Grocery Industry*," San Francisco: Bay Area Economic Forum. January, 2004. <<http://www.bayeconfor.org/pdf/PPRSCscreen11.2.pdf>>

M. Boarnet, C. Anderson, K. Day, T. McMillan, and M. Alfonzo. "*Safe Routes to School*," volumes 1 and 2. Sacramento, California: California Department of Transportation, December. December, 2003. Available on-line at <http://www.dot.ca.gov/hq/LocalPrograms/saferoute2.htm>.

M. Boarnet and S. Chalermpong, "*New Highways, Induced Travel, and Urban Growth Patterns: A 'Before and After' Test*," Final report submitted to the U.S. Environmental Protection Agency, September, 2002. <www.uctc.net/paper/559.pdf>

R. Wassmer and M. Boarnet, "*The Benefits of Growth*," Washington, D.C.: The Urban Land Institute. 2001. <http://research.uli.org/Content/Reports/PolicyPapers/WP_664.pdf>

M. Boarnet, "*Highways and Intrametropolitan Employment Growth: A Spatial Econometric Approach*," 1997.

SELECTED WORKING PAPERS AND RESEARCH REPORTS (continued)

M. Boarnet, *"The Direct and Indirect Economic Effects of Transportation Infrastructure,"* Department of Urban and Regional Planning working paper number 1996-46, UC-Irvine, July, 1996.

M. Boarnet *"Transportation Infrastructure, Economic Productivity, and Geographic Scale: Aggregate Growth versus Spatial Redistribution,"* Department of Urban and Regional Planning working paper number 1995-21, University of California, Irvine, February, 1995; also University of California Transportation Center working paper number 255.

M. Boarnet, *"Economic Impacts of the Northridge Earthquake's Transportation Damage: Results from a Survey of Firms,"* final report on Federal Highway Administration contract number NRS-3041(251)-1, September, 1995.

M. Boarnet and R. Crane, *"Rail Transit and Land Use in Southern California: An Assessment of Local Land Use Policy in Relation to Regional Transit Goals,"* final report on California Department of Transportation contract number RTA-65V311, October, 1994.

M. Boarnet, *"Metropolitan Transportation Infrastructure and the Distribution of Jobs: Empirical Approaches,"* paper presented at research symposium on Transportation Infrastructure as Public Investment Strategy, University of Minnesota, October 1-2, 1992.

M. Boarnet, *"Transportation Access, Urban Problems, and Intrametropolitan Population and Employment Changes,"* UC-Irvine Institute for Transportation Studies working paper number 92-7, July, 1992.

M. Boarnet, *"Decentralized Employment and Suburban Sub-Centers,"* presented at 38th North American Meetings of the Regional Science Association, New Orleans, Louisiana, November 7-10, 1991.

FUNDED RESEARCH

Principal Investigator on eighteen competitively awarded research grants totaling \$1,210,490.

Near Source Modeling of Transportation Emissions in Built Environments Surrounding Major Arterials, funded by the University of California Transportation Center, 2007-2008 (co-principal investigators Rufus Edwards and Marko Princevac.) Amount = \$196,619.

Assessing Built Environment Features Linked to Physical Activity, funded by the Robert Wood Johnson Foundation, 2003-2004 (co-principal investigator: Kristen Day). Amount = \$99,987.

FUNDED RESEARCH (continued)

Expanded Evaluation of the California Safe Routes to School Program, funded by the University of California Transportation Center, 2002-2003 (co-principal investigators: Craig Anderson and Kristen Day). Amount = 62,960.

Evaluation of the California Safe Routes to School Program, funded by the California Department of Transportation, 2002-2004 (co-PI's: C. Anderson, K. Day). Amount = 118,500.

Evaluation of the California Safe Routes to School Program, funded by the University of California Transportation Center, 2001-2002 (co-principal investigators: Craig Anderson, Kristen Day). Amount = 99,654.

New Highways, Induced Travel, and Urban Growth Patterns: A "Before and After" Test, funded by the U.S. Environmental Protection Agency, 1999-2000. Amount = \$105,266.

New Highways and Urban Growth Patterns: Using Locally Weighted Regression to Analyze the Development Impact of the Orange County Toll Roads, funded by the University of California Transportation Center, 1999-2000. Amount = \$59,781.

The Feasibility and Fairness of Alternative Highway Finance: Lessons from California's Toll Roads, funded by the California Policy Seminar of the University of California, 1998-'99 (co-principal investigator: Joe DiMento.) Amount = \$40,017.

Understanding How Land Use Affects Travel Behavior: A Revealed Preference/Stated Preference Approach, funded by the University of California Transportation Center, 1997-'98 (co-principal investigator: Randall Crane.) Amount = \$103,164.

Econometric Modelling for Intrametropolitan Transportation Analysis, funded by the University of California Transportation Center, 1996-'97. Amount = \$45,465.

Economic Gains and Losses from Highway Corridors: A Multiple Sales Price Study, funded by the University of California Transportation Center, 1995-'96. Amount = \$67,124.

Local Land Use, Rail Station Siting, and Regional Transit Goals: An Integrated Approach to Resolving Local Planning Conflicts, University of California Transportation Center, November 1994 - December 1995 (co-principal investigator: Randall Crane.) Amount = \$41,890. (Grant was awarded in June of 1994, but funding was eliminated when the sponsoring agency disbanded its entire transit research program due to budget cuts that were unrelated to this project.)

The Economic Impacts of Transportation Policy: Using Highway Damage from the Northridge Earthquake to Estimate the Effect of Accessibility on Economic Activity, funded by the U.S. Federal Highway Administration, June 1994 - June 1995. Amount = \$70,533.

FUNDED RESEARCH (continued)

Social Ecology Faculty Research Fellowship, September 1993 - June 1994. Amount = \$1,000.

Public and Private Land Development Incentives Near Light Rail Stations: Conflicts and Opportunities, funded by the University of California Transportation Center, 1993-'94 (co-principal investigator: with Randall Crane.) Amount = \$35,158.

Transportation Infrastructure and Economic Productivity in Southern California, funded by the University of California Transportation Center, 1993-'94. Amount = \$53,372.

University of California, Irvine Faculty Research Fellowship, 1992-'93, awarded in the amount of \$10,000 to study relationship between highways and intrametropolitan employment growth.

Ph.D. STUDENTS SUPERVISED (primary advisor)

Richard Funderburg. Dissertation: *Agglomeration, Production Externalities, and the Firm Location Decision*, December, 2005. Current Position: Assistant Professor of Urban Planning, University of Iowa.

Tracy McMillan. Dissertation: *Walking and Urban Form: Modeling and Testing Parental Decisions about Children's Travel*, July, 2003. Most Recent Academic Position: Assistant Professor of Urban Planning, University of Texas, Austin. (Co-Advised with Kristen Day.)

Saksith (Tan) Chalermpong. Dissertation: *Economic Spillovers of Highway Investment*, December, 2002. Current Position: Assistant Professor of Civil Engineering, Chulalongkorn University, Bangkok, Thailand.

Roxanne Ezzet-Lofstrom. Dissertation: *Intermetropolitan Migration: The Role of Labor Markets, Land Markets and Quality-of-Life*, August, 2002. Most Recent Academic Position: Assistant Professor of Urban Political Economy, School of Social Sciences, Univ. of Texas, Dallas.

Michael J. Greenwald. Dissertation: *The Road Less Traveled: Land Use and Non-Work Travel Relationships in Portland, Oregon*, June, 2001. Current Position: Assistant Professor of Urban Planning, University of Wisconsin, Milwaukee.

Nicholas S. Compin. Dissertation: *The Four Dimensions of Rail Transit Performance: How Administration, Finance, Demographics, and Politics Affect Outcomes*, December, 1999. Current Position: Office of Performance Measures and Data Analysis, California Department of Transportation.

TEACHING

Graduate Classes: Microeconomic Analysis for Urban Planning, Economic Development, Transportation Planning, Advanced Statistical Methods, Quantitative Analysis for Urban Planning, State and Local Public Finance, Poverty and Social Policy.

Undergraduate Classes: Statistical Analysis in Social Ecology, Cities and Transportation, Urban Economic Development Policy, Field Study.

SELECTED CONSULTING

Urban Land Institute, July, 2006. Advisory Services Panel on affordable housing on Maui. (pro bono)

World Bank, March – June, 2005. Assess methods to evaluate the poverty alleviation impact of urban transport projects.

Jeffer, Mangels, Butler, & Marmaro, LLP. March – April, 2004. Expert testimony.

Bay Area Economic Forum. July, 2003 – February, 2004. Co-authored analysis of the economic impacts of changes in the food retailing business, available at <<http://www.bayeconfor.org/pdf/PPRSCscreen11.2.pdf>>

Maui Chamber of Commerce. July, 2002 – November, 2002. Authored analyses of the impacts of development in Maui, Hawaii.

URS Corpotation. May, 2001- March, 2003. Advised on analytical methods for studying environmental justice implications of transportation projects.

Robert B. Corris, S.C., Attorney at Law, July, 2001- August, 2001. Expert analysis of a proposed highway project in Milwaukee, Wisconsin.

World Bank, September, 2000 - 2002. Consulting on research techniques to analyze the effectiveness of the World Bank's transport privatization programs.

Southdown, Incorporated, March, 2000-April, 2001. Analysis of economic impacts of proposed land use project.

Orange County Business Council, June, 1999-August, 1999: Co-authored an analysis of the economic impacts of changes in retailing business.

SELECTED CONSULTING (continued)

HNTB Design/Build, Inc., July, 1998-August, 1998: Conducted a benefit-cost analysis of proposed toll road concession.

INVITED SYMPOSIA AND UNIVERSITY SEMINARS:

University of Colorado, October, 2007, “Land Use Regulation: Rethinking Planning’s Forgotten Center.”

UCLA Lake Arrowhead Symposium, October, 2007, “The role of regulation in affecting housing supply and prices: Part of the solution, part of the problem, or both?”

California Partners for Advanced Transit and Highways – University Transportation Centers Conference, Berkeley, California, October, 2007, “Can Auto-Oriented Communities be Redesigned for Walking: The South Bay Area of Los Angeles County.”

The World Bank, July, 2007. “Conducting Impact Evaluations in Urban Transport.”

University of Illinois, February, 2007, “Does State Growth Management Change the Pattern of Urban Growth? Evidence from Florida.”

University of Pennsylvania, January, 2007. “Does State Growth Management Change the Pattern of Urban Growth? Evidence from Florida.”

University of Southern California, March, 2006. “The Obesity Epidemic: What Role for Planning?”

UCLA, March, 2006. “Does State Growth Management Change the Pattern of Urban Growth? Evidence from Florida”

UCLA Lake Arrowhead Symposium on Transportation, Land Use, and the Environment. October 16, 2005. “Analyzing and Measuring the Public Health Costs/Benefits of Transport and the Built Environment.”

California Planning Roundtable. July, 2005. “The Obesity Epidemic: What Role for Planning?”

Caltech, Environment and Society Seminar. April, 2005. “The Obesity Epidemic: What Role for Planning?”

Southern California Planning Congress. February, 2005. “The Obesity Epidemic: What Role for Planning?”

INVITED SYMPOSIA AND UNIVERSITY SEMINARS (continued)

Clemson University. January, 2005. "Evaluating the California Safe Routes to School Construction Program."

University of California, Berkeley, September, 2003. "Urban Growth and Highway Infrastructure: A Before and After Test of the Influence of Highways on Metropolitan Growth Patterns."

Georgia Tech, April, 2003, "Metropolitan Growth: Roles for Planning Scholarship and Practice."

University of Texas, Austin, April, 2003, "Urban Growth and Highway Infrastructure: A Before and After Test of the Influence of Highways on Metropolitan Growth Patterns."

UCLA, February, 2003, "Highways and Urban Development Patterns: Insights from a Quasi-Experiment in Orange County, California."

U.S. Environmental Protection Agency, January, 2003, "Highways and Urban Development Patterns: Insights from a Quasi-Experiment in Orange County, California."

University of Texas, Austin, April, 2002, "Highways and Urban Development Patterns: Evidence and Implications."

Symposium on Cities and Transportation: Choices and Consequences, Simon Fraser University, February, 2002, "Science and Land Use-Travel Behavior Interactions."

Cooper Institute Conference on Public Health Interventions to Promote Physical Activity, October 2001, "Analytical Methods and Data for Understanding Walking Behavior."

Centers for Disease Control, October, 2000. "Urban Design, Transportation, and Public Health: The Need for New Approaches," (joint with Craig Anderson, Kristen Day, and Tracy McMillan).

The World Bank, October, 2000. "Do Highways Matter? Evidence and Policy Implications of Highways' Influence on Metropolitan Development."

UC-Berkeley Symposium on Induced Travel, "New Highways, Urban Development, and Induced Travel," June, 2000.

University of Arizona, November, 1999, "Infrastructure and Urban Growth Patterns."

INVITED SYMPOSIA AND UNIVERSITY SEMINARS (continued)

Briefing to legislative and agency staff, Sacramento, California, "Economic Impacts of Highways," as part of a series organized by the Institute of Government Studies, UC-Berkeley.

University of California, Davis, April, 1999, "Road Infrastructure, Economic Productivity, and the Need for Highway Finance Reform."

Above also presented at:

University of California, Berkeley (November, 1998)
Brookings Institution and Surface Transportation Policy Project (co-sponsored talk, December, 1999)
Federal Highway Administration (December, 1999)
U.S. Environmental Protection Agency (December, 1999)

Case Western Reserve University Symposium on Land Use and the Metropolitan Economy, "Land Use and Transportation: What Do We Know?" March, 1999.

Symposium on Analytical Economic Geography and Regional Change, sponsored by the

National Science Foundation, Storrs, Connecticut, 1998, "Spillovers and the Locational Effects of Public Infrastructure."

UCLA Lake Arrowhead Symposium on Transportation, December, 1997 "Highways, Economic Impacts, and System Efficiency: Interpreting the Evidence."

University of Southern California, School of Planning and Development, October, 1997, "Can Land Use Policy Really Affect Non-Work Travel?"

Rutgers University, Bloustein School of Public Policy, February, 1997, "Enterprise Zones and Economic Development: How Can We Learn More?"

Lincoln Institute of Land Policy TRED conference on Land Use and Transportation, October, 1996, "Can Land Use Policy Really Affect Non-Work Travel?"

University of Southern California, School of Urban Planning, February, 1996, "Geography and Public Infrastructure."

Portland State University, School of Urban Studies and Planning, April, 1995, "Rail Transit and Land Use in Southern California."

INVITED SYMPOSIA AND UNIVERSITY SEMINARS (continued)

Research Symposium on Transportation Infrastructure as Public Investment Strategy, University of Minnesota, October, 1992.

CONFERENCE PAPERS PRESENTED AT:

Association of Collegiate Schools of Planning annual meetings, 1994, 1995, 1997, 1998, 1999, 2000, 2002, 2004, 2005, 2006.

Active Living Research Conference, 2003, 2004, 2005.

North American Meetings of the Regional Science Association, 1991, 1993, 1994, 1998, 1999, 2000, 2001, 2002, 2003, 2006.

Pacific Regional Science Conference, 2001.

Western Regional Science Association annual meetings, 1997, 1998, 1999, 2000, 2004, 2007.

Transportation Research Board annual meetings, 1995, 1996, 1998, 2000, 2001, 2004, 2008.

Western Economic Association annual meetings, 1997.

Public Choice Society annual meetings, 1996.

Southern Economic Association annual meetings, 1993.

Association for Public Policy Analysis and Management (APPAM) annual meetings, 1992, 1993.

Symposium of the Commission on Mathematical Models of the International Geographical Union, Princeton, New Jersey, August, 1992.

Annual Meetings of the Association of American Geographers, San Diego, California, April, 1992.

PUBLIC PRESENTATIONS AND SEMINARS (not listed above)

Irvine Chamber of Commerce, Transportation Forum, May 1, 2003.

California High Occupancy Vehicle Summit, Irvine, California, May 3, 2002.

Orange County Transportation Authority, Public Debate on Light Rail in Orange County, August, 1999, *“Introduction to Rail Transit Policy Issues.”*

PUBLIC PRESENTATIONS AND SEMINARS (continued)

Orange County Transportation Authority, *Fast Forward to the Future* public symposium on long-range transportation planning in Orange County, California, May, 1998 (invited panelist).

Orange County Transportation Coalition, *"The Economic Impacts of Highways,"* March, 1998.

Orange County Urban Land Institute forum, *"Highway Policy and Economic Development,"* June, 1996.

Symposium on "What can Phoenix Learn from L.A.," sponsored by the Morrison Institute for Public Policy, Arizona State University. Spoke on *"Transportation Policy in Orange County"*. Irvine, California, June, 1996.

Conference on Earthquake Hazards and Transportation, University of California Transportation Center and UCLA Extension, *"Businesses Losses, Transportation Damage, and the Northridge Earthquake,"* April, 1996.

Orange County Chapter of the American Planning Association, *"Prospects for Housing Development Near Southern California Rail Transit Stations,"* invited presentation, February, 1995.

California Chapter of the American Planning Association 1994 Annual Meetings, *"Local Economic Development and the Growth of the California Economy,"* invited presentation, San Diego, California, October 23, 1994.

Orange County Chapter of the American Planning Association 1994 Nuts and Bolts Conference *"Transit Oriented Development in Southern California,"* invited presentation, Anaheim, California, March 21, 1994.

Chase Manhattan Roundtable, Chase Manhattan of New Jersey, *"High Growth Markets in Central New Jersey: Historical Perspectives and Future Prospects,"* invited presentation, Princeton, New Jersey, October 2, 1991.

Project HI G.E.A.R., a group of Orange County, California business and government leaders, *"Local Government Diversity, Efficiency, and Scope: A Study of Service Consolidation in Orange County,"* (joint with Randall Crane) invited presentation, Dec. 13, 1993.

UC-IRVINE SEMINARS

UC-Irvine Department of Planning, Policy, and Design seminar, "*Can Auto-Oriented Communities be Redesigned for Walking: The South Bay Area of Los Angeles County*," May, 2007.

UC-Irvine Department of Urban and Regional Planning seminar, "*Road Infrastructure, Economic Productivity, and the Need for Highway Finance Reform*," January, 1999.

UC-Irvine Institute of Transportation Studies seminar, "*Transportation Infrastructure, Economic Productivity, and Geographic Scale*," December, 1994.

UC-Irvine Economics Department Seminar, "*Enterprise Zones and Employment*," April, 1994.

UC-Irvine Institute of Transportation Studies seminar, "*The Monocentric Model and Employment Location*," June, 1993.

UC-Irvine Department of Urban and Regional Planning seminar, "*Highways and Intrametropolitan Employment Location*," October, 1992.

DEPARTMENT, UNIVERSITY, AND COMMUNITY SERVICE

Department Chair, Department of Planning, Policy, and Design, January, 2003 – December, 2006. The Chair is the lead administrative officer for the department, responsible for long-term strategic planning, budget, faculty merit and promotion review, space allocation, teaching, and service assignments for a department with 19 faculty members, two graduate degree programs, one minor, and approximately \$1 - \$2 million annually in extra-mural funded research. During my term as chair, I organized an external advisory board for the department, institutionalized outside fundraising efforts resulting in the largest donation in the department's history at the time, established planning efforts for a Masters of Public Policy degree and an Urban Studies B.A., initiated the development of joint degrees between the Master of Urban and Regional Planning degree and other campus programs, and greatly enhanced the department's outreach to the southern California planning community. The Department's graduate enrollment and application pool both tripled during my combined term as Graduate Advisor (1999-2002) and Department Chair (2003-2006).

Graduate Advisor, Department of Urban and Regional Planning, UC-Irvine, 1999-2002. The graduate advisor has lead responsibility for all educational aspects of the Masters and Ph.D. programs, including student recruiting, admission, departmental financial aid decisions, academic advising, administering comprehensive exams, and tracking academic progress.

DEPARTMENT, UNIVERSITY, AND COMMUNITY SERVICE (continued)

Chair, Ph.D. Degree Redesign Committee, Department of Urban and Regional Planning, 2000-2001. As chair of this committee, I was responsible for a complete revamping of my department's Ph.D. degree.

Member, Executive Committee, University of California Transportation Center, 1999-2003.

Chair, Faculty Search Committee, Department of Urban and Regional Planning, 1999-'00.

Member, School of Social Ecology Executive Committee, 1998-'99.

Judge, American Planning Association (Orange County chapter) annual awards, 1998.

Member, UC-Irvine Academic Senate Committee on Land Use and the Environment, 1996 - 1998.

Member, Coordinating Committee, Transportation Science Ph.D. Program, 1993-present.

Member, Department of Urban and Regional Planning Long-Range Planning Committee, Spring 1995.

Member, School of Social Ecology Computer Committee, 1992-1994.

Coordinator, Department of Urban and Regional Planning lunch seminar series, 1992-1994.

PROFESSIONAL SERVICE AND ORGANIZATIONS

Referee for the following journals: *Growth and Change*, *Journal of the American Planning Association*, *Journal of Econometrics*, *Journal of Planning Literature*, *Journal of Public Economics*, *Journal of Policy Analysis and Management*, *Journal of Regional Science*, *Journal of Urban Economics*, *National Tax Journal*, *Papers in Regional Science: The Journal of the RSAI*, *Planning and Markets*, *Regional Science and Urban Economics*, *Review of Regional Studies*, *Transportation Research Record*, *Urban Studies*, and *World Bank Economic Review*.

Outside reviewer, promotion and tenure: two cases in 2006, one case in 2007.

Member, National Academy of Sciences/National Research Council Committee on Relationships Among Development Patterns, Vehicle Miles Traveled, and Energy Consumption, 2007 – 2008.

PROFESSIONAL SERVICE AND ORGANIZATIONS (continued)

Member, Executive Committee, University of California Transportation Center, 2000 – 2003 and 2007 – present.

Member, review committee for University of California's California Policy Research Center, 2006.

Member, Committee on Transportation and Economic Development, Transportation Research Board, National Research Council, 2000-2002.

Member, review panel, Transportation Research Board National Highway Cooperative Research Program (NCHRP) project number 25-19, on the economic and social impacts of highways.

Book reviewer for Kluwer Academic Publishers and Prentice-Hall Books.

Abstract reviewer, American Collegiate Schools of Planning annual meeting (transportation and infrastructure planning track and economic development track), 1997, 1998, 1999, 2000.

Proposal reviewer for University of California Transportation Center, 1994, 1995, 1996, 1999.

Reviewer for California Policy Seminar, 1993, 1996.

Member, program committee, 1993, 2000, 2003 North American Regional Science Association meetings.

Member, program committee, 2001 Pacific Regional Science meetings.

SELECTED MEDIA APPEARANCES OR INTERVIEWS

KNBC, Los Angeles, Channel 4 News Extra, television

KDOC, Los Angeles/Orange County, television

CNBC, national cable television

KFWB, Los Angeles, radio

KPCC, Los Angeles, National Public Radio affiliate

San Francisco Chronicle

Los Angeles Times (numerous)

Orange County Register (numerous)

OTHER PROFESSIONAL EXPERIENCE

Office of United States Senator Daniel Patrick Moynihan (D-NY), intern, Summer, 1987.
Provided background research for the Family Support Act of 1988.

Office of the Assistant Commissioner, New Jersey Department of Human Services, intern,
Feb., 1987 - Sept., 1988. Analyzed policy issues related to REACH, New Jersey's AFDC
reform.

NASA Johnson Space Center, Artificial Intelligence Section, aerospace engineer, May, 1984
- Aug., 1986. Responsibilities included programming artificial intelligence (AI) applications,
developing and maintaining industry contacts, and evaluating AI technology.

February, 2008