

DANIEL A. RODRÍGUEZ, PH.D.

Office Address	Campus Box 3140, Room 317 University of North Carolina Chapel Hill, NC 27599-3140, USA	Tel: 919-962-4763 Fax: 919-962-5206 E-mail: danrod@unc.edu
Education	Ph.D. University of Michigan at Ann Arbor M.S.T. Massachusetts Institute of Technology BS, Summa Cum Laude, Fordham University	(2000) (1996) (1994)
Professional	Consultant, The World Bank, Finance, Private Sector and Infrastructure Latin America and the Caribbean Region	(2006-)
Experience /Affiliations	Consultant, The Inter-American Development Bank, Infrastructure Sector Principal, RSO International –Transportation planning consulting firm Assistant Professor, Department of City and Regional Planning, UNC-CH Faculty Fellow, Center for Urban and Regional Studies, UNC-CH Faculty Fellow, Institute for Civil Infrastructure Systems, NYU Faculty Fellow, Highway Safety Research Center, UNC-CH Research Assistant, The World Bank, Latin American and the Caribbean Infrastructure Group Research Assistant, Urban and Regional Planning Program, University of Michigan, Ann Arbor Teaching Assistant, Dept. of Civil Engineering, MIT Multisystems Inc., Cambridge, MA. –Transit consulting firm Research Assistant, Dept. of Civil Engineering, MIT	(2006-) (2005-) (2001-) (2000-) (2000-) (2002-) (1997) (1996-2000) (1995) (1995) (1995-1996)
Honors	Transportation Research Board’s Fred Burggraaf Award recognizing excellence in transportation research by researchers 35 years of age or younger, 2000 Sloan Foundation Fellowship for Industry Studies, 1996-1998 University of Michigan Martin Luther King Spirit Award for fostering on-campus interdisciplinary research, 1998 Eno Transportation Foundation Leadership Fellowship, 1997 Finalist, Council of University Transportation Center’s Award for best Master’s in Transportation Thesis in the United States, 1996 Beta Gamma Sigma Scholarship, 1994 Senior Gold Medal, Fordham University, 1994 Alpha Sigma NU -Jesuit Academic Honor Society, 1994 Beta Gamma Sigma -Business Academic Honor Society, 1994	
Books	Berke, P., Godschalk, D. Kaiser E. with Rodríguez, D. A. 2006. <i>Urban Land Use Planning</i> , 5 th Edition, Urbana-Champaign: University of Illinois Press.	
Book Chapters	Rodríguez, D. A., Rocha, M. and M. Belzer. 2004. “The Effects of Trucking Firm Financial Performance on Driver Safety” In <i>Transportation and Labor Issues and Regulatory Reform</i> . James H. Peoples and Wayne K. Talley eds. Research in Transportation Economic Series. Rotterdam, The Netherlands: Elsevier Science Publishers, 35-55.	

Rodríguez, D. A. 2000. "Planeación de Transporte y Uso de Suelo: Automovilidad o Accesibilidad?" *Presente y Futuro de la Movilidad Urbana en Bogotá: Retos y Realidades*. R. Montezuma, Editor. Veeduría Distrital de Santafé de Bogotá, Bogotá, Colombia, 161-171.

Rodríguez, D. A. 1998. "The Admissions Committee," *Research Ethics: Cases and Commentaries*, Vol. 3. B. Schrag, Editor. Association of Practical and Professional Ethics, Bloomington, 125-126.

Dissertation

Rodríguez D. A. 2000. Excess commuting, travel demand management, and the transportation-land use connection. Urban and Regional Planning Program, Alfred A. Taubman School of Architecture and Urban Planning, University of Michigan, Ann Arbor. 183 pages.

Refereed Articles

Baran, P. Rodríguez, D.A. and Khattak, A.J. In press. Space Syntax and Walking in a New Urbanist and Suburban Neighborhoods, *Journal of Urban Design*, 24 pages.

McGinn A.P., Evenson K.E., Herring A.H., Huston S.L., Rodriguez D.A.. In press. Exploring Associations between Physical Activity and Perceived and Objective Measures of the Built Environment. *Journal of Urban Health*, 33 pages.

Clifton, K. Livi, A., Rodríguez, D.A.. 2007. The Development and Testing of an Audit for the Pedestrian Environment *Landscape & Urban Planning*, 80, 1-2: 95-110.

Aytur, S., Rodríguez, D.A. and Evenson, K.R. 2007. Promoting Active Community Environments Through Land Use and Transportation Planning, *American Journal of Health Promotion*, 21, 4S, 397-407

Shay, E. Fan, Y. Rodríguez, D.A, Khattak, A.J. 2006. Drive or Walk? Utilitarian Trips within a Neo-Traditional Neighborhood, *Transportation Research Record 1985*, 154-161

Rodríguez, D.A., Targa, F. and Aytur, S. 2006. Transportation implications of urban containment policies --A study of the largest 25 U.S. metropolitan areas, *Urban Studies* 43:10, 1879-1897.

Armstrong, R. and Rodríguez, D.A. 2006. An evaluation of the accessibility benefits of commuter rail in Eastern Massachusetts using spatial hedonic price functions, *Transportation*, 33:1, 21-43.

Rodríguez, D., Khattak, A.J., and Evenson, K.R. 2006. Can New Urbanism encourage physical activity? Comparing a New Urbanist neighborhood with conventional suburbs, *Journal of the American Planning Association*, 72:1, 43-56.

Rodríguez, D.A., Targa, F. and Belzer, M. 2006. Pay incentives and truck driver safety: A case study. *Industrial and Labor Relations Review*, 59:2, 205-225.

Rodríguez, D.A., Brown, A. and Troped, P. 2005. Portable global positioning units to complement accelerometry-based physical activity monitors, *Medicine and Science in Sports and Exercise*, 37:11, S572-S581.

Khattak, A., and Rodríguez, D.A. 2005. Travel behavior in neo-traditional neighborhoods: A case study in USA. *Transportation Research Part A*, 39:6, 481-500.

Rodríguez, D.A. and Targa, F. 2004. The value of accessibility to Bogotá's bus rapid transit system, *Transport Reviews*, 24:5, 587-610.

Rodríguez, D.A. 2004. Spatial choices and excess commuting: A case study of bank tellers in Bogotá, Colombia, *Journal of Transport Geography*, 12:1, 49-61.

Rodríguez, D.A. and Joo, J. 2004. The relationship between non-motorized travel behavior and the local physical environment, *Transportation Research Part D: Transport and Environment*, 9:2, 151-173.

Rodríguez, D.A., Rocha, M. Khattak, A., and M. Belzer 2003. Effects of truck driver wages and working conditions on highway safety: Case study. *Transportation Research Record* 1883, 95-102.

Rodríguez, D.A. 2002. Examining individuals' desire for a shorter commute: The case of proximate commuting, *Environment and Planning B*, 29, 867-881.

Rodríguez, D.A. and A. Ardila. 2002. An empirical exploration of bus travel Times and dwell times in a highly competitive exclusive busway, *Journal of Public Transportation*, 5:1, 39-60.

Rodríguez, D.A. 2001. Proximate commuting, hype or potential? *Transportation Research Record* 1675, Transportation Research Board, National Research Council, Washington D.C., 35-42.

Levine, J., Q. Hong, G. E. Hug, and D. Rodríguez. 2000. Impacts of an advanced public transportation system demonstration project, *Transportation Research Record* 1735 Transportation Research Board, National Research Council, Washington D.C., 169-177.

Reed, T., D. Rodríguez, and R. Wallace. 2000. Transit-passenger perceptions of transit-related crime reduction measures. *Transportation Research Record* 1731 Transportation Research Board, National Research Council, Washington D.C., 130-141.

Ardila, A. and D. Rodríguez. 2000. How chaos does not destroy ridership: Operations of an exclusive busway carrying more than 35,000 passengers per hour per direction. *Transportation Research Record* 1726 Transportation Research Board, National Research Council, Washington D.C., pp 1-8.

Wallace, R., D. Rodríguez, C. White, and J. Levine. 1999. Who noticed? Who cares? Passenger reactions to transit safety measures, *Transportation Research Record* 1666, Transportation Research Board, National Research Council, Washington D.C., 133-138.

Rodríguez, D. 1999. Expanding the urban transportation infrastructure through concession agreements: Early lessons from Latin America, *Transportation Research Record* 1659, Transportation Research Board, National Research Council, Washington D.C., 1999, 3-11.

Rodríguez, D., A. Muñoz, T. Pendleton, and J. Sussman. 1998. ITS regional architectures and the competitive region, *Transportation Research Record* 1651, Transportation Research Board, National Research Council, Washington D.C., 1998, 1-8.

Rodríguez, D. and J. Sussman. 1997. A framework for developing a regional ITS system architecture, *Transportation Research Record* 1588, Transportation Research Board, National Research Council, Washington D.C., 77-85.

Richardson, B. and D. Rodríguez. 1997. A strategy for Intelligent Transportation Systems in developing countries, *ITS Quarterly*, Vol. V No. 3, Washington, D.C., 11-26.

Selected Peer-Reviewed Oral Presentations

" Using Census Data to Examine the Pedestrian Friendliness of the Built Environment" in Census Data for Transportation Planning: Preparing for the Future Conference, Irvine, 2005

"Can New Urbanism Encourage Physical Activity?" American Planning Association Annual Conference. San Francisco, 2005.

"Testing Associations between Physical Activity and the Built Environment" 2d Annual Active Living Research Conference, San Diego, CA, 2005.

"Connecting Transportation and Land Use with Land Use Plans" Association of Collegiate Schools of Planning (ACSP) 46nd Annual Meeting, Portland, OR, 2004.

"Creating a Walkable Environment: Lessons from an Emerging Research Project" 5th Annual American Walks Conference. Silver Springs, MD., 2004.

"Land Value Impacts of Bogotá's Bus Rapid Transit System" 83^d Annual Transportation Research Board Meeting. Washington D.C., 2004.

"Accessibility and Proximity-related Externalities of Commuter Rail in Massachusetts" 82^d Annual Transportation Research Board Meeting. Washington D.C., 2003.

"Truck Driver Compensation and Safety Outcomes:" 82^d Annual Transportation Research Board Meeting. Washington D.C., 2003.

"Transit and Equity: An Accessibility-based View?" American Planning Association Annual Conference. Chicago, April 2002.

"Examining individuals' desire for a shorter commute: The case of proximate commuting" 81st Annual Transportation Research Board Meeting. Washington D.C., 2002.

"Transportation and Equity" New York City APA Annual Conference. New York, December 2001.

"An Alternative to Models of Commuting Time and Distance?" Association of Collegiate Schools of Planning (ACSP) 43nd Annual Meeting, Cleveland, OH, 2001.

"Transportation and Equity: An Accessibility-based View?" New York City APA Annual Conference. New York, December 2001.

"Proximate Commuting: Hype or Potential?" 80th Annual Transportation Research Board Meeting. Washington D.C., 2001.

"A Behavioral Model of Proximate Commuting Participation" Association of Collegiate Schools of Planning (ACSP) 42nd Annual Meeting, Atlanta, GA 2000.

"Estimating the Safety Consequences of Changes in Truck Driver Compensation" 79th Annual Transportation Research Board Meeting. Washington D.C., 2000.

"To Dwell or not to Dwell: Dwell Time and Running Time Relationships for Bogotá's Exclusive Busway" 79th Annual Transportation Research Board Meeting. Washington D.C., 2000.

“A Disaggregate Approach for Estimating Excess Commuting for Bogotá, Colombia”
Association of Collegiate Schools of Planning (ACSP) 41st Annual Meeting, Chicago, IL
1999.

“Assessing the Benefits and Costs of ITS in Regional Transportation Planning: A Consensus-
Based Approach” 78th Annual Transportation Research Board Meeting, Washington D.C.,
1999.

“Urban Transport Concession Agreements in Latin America: Why Fewer is Better” XXVIII
Congress Canadian Association for Latin American and Caribbean Studies, Vancouver,
Canada, 1998.

“A Methodology for Estimating the Safety Effects of Changes in Truck Driver
Compensation” Transportation Research Forum, Montreal, Canada, 1997.

Book Reviews

Rodríguez, D. A. 2004. Review of Urban Transport, Environment and Equity, by Eduardo
Vasconcellos and of Informal Transport in the Developing World, by Robert Cervero.
Journal of the American Planning Association, 68, 4, 459-460.

**Articles under
Review**

Rodríguez, D.A., Levine, J.C., Song, J. and A. Weinstein 2006. Can information strengthen
the transportation land use link? In Review, *Environment and Behavior*.

Aytur S., Rodriguez D.A., Evenson K.R. 2006. Sociodemographic relationships of land use
and transportation plans to physical activity in North Carolina, In Review *American Journal
of Preventive Medicine*.

McGinn, A., Evenson, K.R., Herring, A., Houston, S. and D.A. Rodríguez 2005. The
association of perceived and objectively measured crime with physical activity, In Review
Medicine and Science in Sports and Exercise.

Teaching Areas

Transportation Planning Methods
Urban Spatial Structures

Public Transportation Planning
Transportation Policy

**External Grants as
PI or co-PI**

Environmental Protection Agency, Science to Achieve Results Initiative -An Analysis of
Urbanization and Hazard- \$111,000.00, P.I.- Faculty Advisor for Anna Osland, 9/1/05 -
08/31/08. Grant #049862. FP - 91661101- 0.

US DOT/ National Highway Institute, \$3,000, , P.I.- Faculty Advisor for Anna Osland ,
2004-2005. Grant #s DDEGRD-04-X-00428 and DDEGRD-05-X-00446.

Environmental Protection Agency, Science to Achieve Results Initiative - Advanced
Modeling System for Assessing Long-Term Regional Development Patterns, Travel
Behavior, Emissions, and Air Quality, \$680,000, co-P.I., November 2004-November 2007.
Grant # RD-83183501-0.

Robert Wood Johnson Foundation, Active Living Research (ALR) - Testing Associations
between Physical Activity and the Built Environment, \$473,805, P.I., November 2003-
November 2006. Grant #049862.

U.S. Department of Transportation (through the Southeastern Transportation Center) - Safety
Outcomes, Driver Compensation, and Trucking Firm Financial Performance, Seed Grant
\$9,997, Co-P.I., February 2003-December 2003. Grant # DTRS99-G-0004.

North Carolina Department of Transportation- The Connection between Land Use and Transportation in Land Use Plans, \$45,903, P.I., January 1, 2003 – December 31, 2003. Grant # #2003-0827-01.

Federal Highway Administration and North Carolina A&T University - Interstate 40 Value Pricing Assessment, \$80,000, P.I., January 1, 2003– August 31, 2004. Grant # #5-51150A.

U.S. Department of Transportation (through the Southeastern Transportation Center) - Understanding the Role of Truck-Driver, Occupational and High-Risk Roadway Factors in Truck-Involved Collisions, \$79,999, Co-P.I., March 2001-March 2002. Grant #R01-2516076/DTRS-99.

U.S. Department of Transportation (through Wayne State University) - Impact of Truck Driver Compensation on Driver Safety and Turnover: A Case Study, \$ 15,000, P.I., June 2001- December 2001. Grant # #442650.

National Science Foundation (through Institute for Civil Infrastructure Systems) - Transportation and Equity: A Review and Future Research Directions, \$ 4,000, P.I., January 2001-October 2001. Internal Grant #: 5-40324.

Internal Grants as PI or Co-PI

University of North Carolina Faculty Development Award, \$5,000, P.I., January 2004-December 2004

University of North Carolina Research Council Award, \$2,900, P.I., January 2004-December 2004

University of North Carolina Research Council, \$3,500, P.I., June 2001-June 2003

University of North Carolina, Grant for Technology Enhancement in the Classroom, \$5,000, Co-P.I., June 2001-June 2002

External Grants as Co-investigator

Centers for Disease Control -Creating a NC Physical Activity Policy Research Center, \$46,561, September 2004-September 2007, Grant # U48/DP000059-01 (7% of time).

National Cancer Institute - Understanding Change in Physical Activity Postpartum, \$850,000, September 2004-December 2008, Grant # 1 R01 CA109804-01 (5% of time).

Robert Wood Johnson Foundation, Active Living Research (ALR) - Exploring Relationships Between Adult Physical Activity and Perceived and Objective Measures of Community Environmental Characteristics \$480,000. February 2004-November 2007. Grant # 52319 (8% of time).

Other Professional Activities

Editorial Board, *Journal of the American Planning Association*, *Journal of Architectural Planning and Research* and *International Journal of Sustainable Mobility* (Taylor and Francis)

Advisory Board, Active Living by Design, UNC-Chapel Hill, 2005-present.

Appointed Member of the National Academies' Transportation Research Board Committee Task Force on Trucking Industry Research, 2002-present

Appointed Member of the National Academies' Transportation Research Board Committee on Freight Transportation Economics and Regulation, 2002-present.

Appointed Member of the National Academies' Transportation Research Board Committee on Transportation and Land Development, 2001-present.

Advisory Board, Member Smart Growth and New Economy Program, Center for Urban Regional Studies, University of North Carolina, Chapel Hill, 2002-present

Member Diversity Committee, Undergraduate Minor Committee, Department of City and Regional Planning, University of North Carolina at Chapel Hill, 2000-2001.

Guest presenter/lecturer at local Metropolitan Planning Organization committee meetings, North Carolina State University, and University of North Carolina –Charlotte.Executive Committee

Member, Center for Statistical Consultation and Research (CSCAR), University of Michigan, 1998-2000.

Manuscript reviewer for: *Journal of the American Planning Association, Transportation Research Part D, Journal of Regional Science, Urban Studies, Transport Reviews, Journal of Planning Literature, Landscape and Urban Planning, Land Use Policy, Journal of Architectural Planning and Research, Transportation Research Record, American Journal of Preventive Medicine, Journal of Transport Geography, Journal of Geographic Science, and the ASCE Journal.*