

Curriculum Vitae

Michael Duncan

Last Revised: August 18, 2022

General Information

University address: Urban and Regional Planning
College of Social Sciences and Public Policy
Bellamy Building 353
Florida State University
Tallahassee, Florida 32306-2280
Phone: 850-644-8514; Fax: 850-645-4841

E-mail address: mdduncan@fsu.edu

Web site: <https://coss.fsu.edu/durp/faculty/michael-duncan/>

Professional Preparation

2007 PhD, University of California, Berkeley. Major: City and Regional Planning. Transportation. Supervisor: Robert Cervero.

Duncan, Michael. (2007). *The Conditional Nature of Transit Capitalization*. Unpublished doctoral dissertation, University of California, Berkeley. Retrieved from http://urbanpolicy.berkeley.edu/pdf/Duncan_SanDiego_RailTransit.pdf.

2000 MCP, University of California, Berkeley. Major: City and Regional Planning. Transportation. Supervisor: Robert Cervero.

Duncan, Michael. (2000). *A Stop-Based Demand Model for the San Francisco MUNI Bus System*. Master's project, University of California, Berkeley.

1997 BS, University of Utah. Major: Geography. Geographic Information Systems. summa cum laude.

Nondegree Education and Training

2013 Initiative for Bicycle and Pedestrian Innovation Faculty Workshop.

Professional Experience

- 2016–present Associate Professor, Urban and Regional Planning, Florida State University.
- 2012–2016 Assistant Professor, Urban and Regional Planning, Florida State University.
- 2007–2012 Assistant Professor, Geography and Earth Sciences, University of North Carolina at Charlotte.
- 2005–2007 Transportation Modeler, Cambridge Systematics.
- 2000–2007 Graduate Student Instructor, City and Regional Planning, University of California, Berkeley.
- 1999–2005 Graduate Student Researcher, Institute of Urban and Regional Development, University of California, Berkeley.

Honors, Awards, and Prizes

- Graduate Teaching Award Nominee, Florida State University (2014).
Reviewer of the Year, Journal of Planning Education and Research (2014).

Fellowship(s)

- University of California Transportation Center Graduate Fellowship (2000–2003).

Teaching

Courses Taught

- Bike and Pedestrian Planning (URP4715)
Doctoral Research Colloquium (URP6938)
Introduction to Transportation Issues and Transportation Planning (URP4710)
Pedestrian-Oriented Communities (URP5350)
Preliminary Examination Preparation (URP8960)
The Transportation Planning Process (URP5711)
Bike Planning Field Study (URP5905)
Sustainable Transportation (URP5939)
Transportation and Land Use (URP5716)
Special Topics in Urban and Regional Planning (URP4936)
Planning Alternatives Evaluation (URP5222)
Introduction to Planning and Urban Development (URP 3000)
World Cities (URS 1006)

Bike Counting Methodology (URP 5905)
Modeling Bike Rack Utilization (URP5905)
Urban Mass Transit
Travel Demand Modeling
Transportation Planning and Policy
Travel Modeling and GIS

New Course Development

The Transportation Planning Process (2015)
Pedestrian-Oriented Communities (2013)
Sustainable Transportation (2012)
Urban Mass Transit (2009)
Transportation and Land Use (2008)
Travel Demand Modeling (2008)
Transportation Planning and Policy (2007)
Travel Modeling and GIS (2000)

Doctoral Committee Chair

Gladwin, K., graduate. (2022). *Cycling through the COVID-19 pandemic: a case study of older adults' cycling behaviors and experiences in Tallahassee, Florida.*
Valdez Torres, Y. J., graduate. (2019). *Drivers' Perceptions towards cyclists and bikeshare users in the ECOBICI service area.*
Song, Y., doctoral student.
Wegryzn, K., doctoral student.
Zabot, C., doctoral student.

Doctoral Committee Member

Suguri, V. H. R., graduate. (2019). *Walkability indexes, perceptions, and walking behaviors of older adults.*
Mendez, J., graduate. (2018). *The effect of light rail investment on opportunities for low-income inner-city residents: a multiple case study.*
Ramos Santiago, L. E., graduate. (2018). *Multi-scalar assessment of built-environment and bus networks influence on rapid-transit patronage: the case of Los Angeles metropolitan transit network.*
Chen, L., graduate. (2018). *The relationship between urban form and urban sustainability: empirical evidence from Florida.*
Wood, J. P., graduate. (2018). *A cross-sectoral assessment of transportation alternative for suburban older adults.*
Jaroszynski, M. A., graduate. (2014). *Roles of service planning and organizational decisions in influencing the economic sustainability of multimodal bus and light rail transit systems.*

Shekari, E., doctoral candidate.
Chen, Y., doctoral student.
Waterman, B., doctoral student.

Doctoral Committee University Representative

Asare-Akuffo, F., graduate. (2021). *Spatial behavior and access to oral health services: a geographical analysis of different health care systems.*
Lubin, J., graduate. (2020). *Metropolitan Planning Organizations: The Usage of Regional Organization and Coordination.*
Kidando, E. Y., graduate. (2019). *Dynamic and stochastic transition of traffic conditions and its application in urban traffic mobility.*
Scott, P. R., graduate. (2016). *The development and consequences of heterogeneous beliefs about military power and supremacy.*
Mikaelian, L., doctoral candidate. *Socioeconomic impact of transit interruptions: an analysis of Clayton County income segregation dynamics.*
Taheri, A., doctoral candidate. *The framework of an infrastructure performance model based on the concepts of Civil Integrated Management (CIM).*

Master's Committee Chair

Austein, A., graduate. (2022). [Major Professor - Studio]
Williams, T., graduate. (2021). *Induced Demand and Urban Sprawl: Analyzing the Effects of Road Supply on Urban Travel Behavior.* [Major Professor - DIR]
Amidon, A., graduate. (2021). [Major Professor - Studio]
Dally, A., graduate. (2021). [first year advisor]
Perez, P., graduate. (2021). [Major Professor - Studio]
Stahle, J., graduate. (2021). [Major Professor - Studio]
Nuckols, R., graduate. (2020). [Major Professor - Studio]
Wenyon, J., graduate. (2020). [Major Professor - Studio]
Millot, A., graduate. (2019). [Major Professor - Studio]
Anderson, M., graduate. (2018). [Major Professor - Studio]
Anshell, R., graduate. (2018). [Major Professor - Studio]
Kusel, N., graduate. (2018). [Major Professor - Studio]
Ma, J., graduate. (2018). [Major Professor - Studio]
Costello, K., graduate. (2016). *Analyzing the Determinants of Access Mode Choice for SunRail Riders.*
Filaroski, T., graduate. (2016). *Analyzing the Efficacy of Transportation Policies Designed for Florida's Aging Population.*
Riemony, A., graduate. (2015). *Estimating Intersection Bicycle Volumes Near Florida State University's Campus.*
Mock, A., graduate. (2014). *Placement of rapid transit park-and-ride facilities.* [completed degree after I left UNC Charlotte]
Cook, D., graduate. (2011). *Do park-and-ride facilities reduce driving?*

Holleran, P., graduate. (2011). *Cabarrus County Commuter Rail Feasibility Study*.
Ricard, T., graduate. (2009). *The impact of network quality vs. demographics on bike commuting*.
Barragan, K., student. [unfinished capstone project]
Sorensen, K., student. *Characteristics of Cities that Adopt a Bike Plan*. [working on thesis when I left UNC Charlotte]
White, G., student. *Influence of Spatial Cognition on Travel in Gastonia,, NC*. [working on thesis when I left UNC Charlotte]
Arrmaghani, Y., student. [Major Professor - pre-capstone]
Clark, K., student. [first year advisor]
Crisp, M., student. [first year advisor]
McDonald, K., student. [first year advisor]
Santiso, N., student. [first year advisor]
Farinella, M., student. [Major Professor - Studio]
Waldroff, A., student. [first year advisor]
Wilson, N., student. [Major Professor - Studio]

Master's Committee Member

De Los Rios, Alberto, graduate. (2019). *Vision Zero: Equitable Community Engagement Strategies Current Conditions and Future Possibilities*.
Stansbury, C., graduate. (2015). *Analysis of Flexible Transit Service Effectiveness and Cost-Efficiency for Transit Agencies Serving Suburban Areas*.
Schleith, D. K., graduate. (2013). *Investigating Spatially Disaggregate Commuting for Workers with Different Incomes in Leon County, Florida*.
Learned, J., graduate. (2013). *Comparing State Highway Networks: A Case Study of the Florida State Highway System*.
Santalla, S., graduate. (2013). *Identifying the Internal and External Factors Determining Public Transit System Performance in Small- and Mid-sized American Communities: A Series of Case Studies*.
Ferrin, R., graduate. (2010). *The Influence of Land Use Patterns on LRT Boardings and Exits*.
Leonard, I., graduate. (2010). *Greenways and Property Values*.
Rayfield, S., graduate. (2009). *Comprehensive Planning and Its Relationship to the Rezoning Process: A Study of York County, SC*.
Reeves, K., graduate. (2009). *Complete Street in Indian Trail, NC*.
Yan, S., graduate. (2009). *Property Value Impacts of the Charlotte LRT*.

Supervision of Student Research Not Related to Thesis or Dissertation

Gladwin, K. (Sep 2018–May 2022).

Wilson, N. (Aug 2020–May 2021).

Dally, A. (Aug 2019–May 2020).

Sharmin, N. (May 2018–Aug 2019).

Back, C. (Aug 2017–Aug 2019).

McClellan, K. (Feb–Aug 2018).

Wood, B. (Jun 2015–Aug 2018).

Pierce, J. (Feb–May 2018).

Valdez Torres, Y. (Jun 2014–Aug 2017).

Burse, I. (Oct 2016–May 2017).

Denton, B. (Aug 2016–May 2017).

Stiell, J. (Sep 2015–May 2016).

Costello, K. (Sep 2014–May 2016).

Riemondy, A. (Sep–Dec 2014).

Stansbury, C. (Jan–May 2014).

Almario, R. (Sep 2013–May 2014).

McGee, E. (Sep 2013–May 2014).

Stockdale, E. (Sep 2012–May 2013).

FSU DURP Studio Advisory Committee Member

Duncan, M. (2021). *Providence Neighborhood Plan Refresh*.

Duncan, M. (2019). *Ringling Campus Natural Hazards Adaptation Plan*.

Duncan, M. (2017). *MPO EV-AV-CV Guidance for Transit*.

Duncan, M. (2015). *Future of Florida Cities*.

Duncan, M. (2014). *Pasco County Redevelopment Plan*.

Duncan, M. (2013). *FSU Campus Bike Study*.

Duncan, M. (2013). *Highway 19 Transportation Alternatives Study*.

Research and Original Creative Work

Publications

Refereed Journal Articles

Ulak, M., Ozguven, E., Horner, M., Weaver, L., Puente, J., Crute, J., Smith, D., & Duncan, M. (submitted). Demographic and Socioeconomic Analysis of Potential Sunrail Transit System Riders in Orlando. *Transportation Research Interdisciplinary Perspectives*. Manuscript submitted for publication.

Duncan, M. D. (submitted). The influence of pedestrian plans on walk commuting in US municipalities. *Transportation Research Part A*. Manuscript submitted for publication, 24 pages.

Gladwin, K., & Duncan, M. D. (in press). Covid-19's Impact on Older Adults' Cycling Behaviors in a Small, Auto-Centric Urban Area. *Transportation Research Interdisciplinary Perspectives*, 25 pages.

Duncan, M., Valdez-Torres, Y., Gladwin, K., Horner, M., & Wood, B. (2021). Promoting Transit Oriented Development for Older Adults: A Survey of Current Practices Among Transit Agencies and Local Governments in the US. *Journal of Transport and Land Use*, 14(1), 255-276. doi:<http://dx.doi.org/10.5198/jtlu.2021.1798>

Duncan, M., Horner, M., Chapin, T., Crute, J., Costello, K., Sharmin, N., McClellan, K., Williams, A., Riemondy, A., & Stansbury, C. (2020). Assessing the property value and tax revenue impact of Sunrail Stations in Orlando, Florida. *Case Studies in Transport Policy*, 8, 1-11. Retrieved from <https://www.sciencedirect.com/science/article/pii/S2213624X19300689>
doi:<http://dx.doi.org/10.1016/j.cstp.2020.01.005>

Duncan, M., Almario, R., & Costello, K. (2020). Evaluation of the North Carolina Department of Transportation's Bike and Pedestrian Planning Grant Initiative. *International Journal of Sustainable Transportation*, 15, 124-130.
doi:<https://doi.org/10.1080/15568318.2019.1709230>

Duncan, M., & Cao, J. (2020). Marginal Impacts of Park-and-Ride Facilities in the Twin Cities. *Transportation Research Record*, 2674, 403-413.
doi:<https://doi.org/10.1177/0361198120945696>

Coutts, C., Wenger, R., & Duncan, M. (2019). An Exploratory Analysis of Deviant Pedestrianism: Deviant Paths as Cues to Design Pedestrian Infrastructure. *Journal of*

- Urban Planning and Development*, 145, 1-10.
doi:10.1061/(ASCE)UP.1943-5444.0000539
- Cao, X., & Duncan, M. (2019). Associations among Distance, Quality, and Safety When Walking from a Park-and-Ride Facility to the Transit Station in the Twin Cities. *Journal of Planning Education and Research*, 39, 496-507. doi:10.1177/0739456X19883858
- Duncan, M. (2019). Would the replacement of park-and-ride facilities with transit-oriented development reduce vehicle kilometers traveled in an auto-oriented US region? *Transport Policy*, 81, 293-301. doi:10.1016/j.tranpol.2017.12.005
- Brown, J., Duncan, M., Horner, M., Bond, M., & Wood, J. (2018). Provider perspectives on six strategies to overcome the barriers to older adult use of alternative transportation services: Evidence from seven communities. *Case Studies on Transport Policy*, 6(2), 237-245.
- Wood, B., Horner, M., Duncan, M., & Valdez-Torres, Y. (2016). Aging Populations and Transit Oriented Development: Socioeconomic, Demographic, and Neighborhood Trends from 2000 and 2010. *Transportation Research Record*, 15.
- Duncan, M. (2016). How much can trip chaining reduce VMT? A simplified method. *Transportation*, 17. Retrieved from <http://link.springer.com/article/10.1007/s11116-015-9610-5#>
doi:10.1007/s11116-015-9610-5
- Horner, M., Duncan, M., Wood, B., Valdez Torres, Y., & Stansbury, C. (2015). Do aging populations have differential accessibility to activities? Analyzing the spatial structure of social, professional, and business opportunities. *Travel Behavior and Society*, 2(3), 182-191. Retrieved from <http://www.sciencedirect.com/science/article/pii/S2214367X15000113>
doi:10.1016/j.tbs.2015.03.002
- Duncan, M., & Cook, D. (2014). Is the Provision of Park-and-Ride Facilities at Light Rail Stations an Effective Approach to Reducing Vehicle Miles Traveled in a US Context? *Transportation Research Part A*, 66, 65-74. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0965856414001013>
doi:10.1016/j.tra.2014.04.014
- Duncan, M., & Christensen, R. (2013). An analysis of park-and-ride provision at light rail stations across the US. *Transport Policy*, 25, 148-157. Retrieved from <http://www.sciencedirect.com/science/article/pii/S0967070X12001898>
doi:10.1016/j.tranpol.2012.11.014
- Holleran, P., & Duncan, M. (2012). A Sketch-Level Feasibility Analysis of Commuter Rail Service between Kannapolis and Charlotte, North Carolina. *Transportation Research*

- Record*, 2275, 94-101. Retrieved from <http://trb.metapress.com/content/2046368642415153/> doi:10.3141/2275-11
- Yan, S., Delmelle, E., & Duncan, M. (2012). The Impact of a New Light Rail System on Property Values in Charlotte, North Carolina. *Journal of Transportation and Land Use*, 5(2), 60-67. Retrieved from <https://www.jtlu.org/index.php/jtlu/article/view/261> doi:10.5198/jtlu.v5i2.261
- Duncan, M. (2011). The Cost Saving Potential of Carsharing in a US context. *Transportation*, 38(2), 363-382. Retrieved from <http://www.springerlink.com/content/944248j6w44474q5/> doi:10.1007/s11116-010-9304-y
- Duncan, M. (2011). The Impact of Transit-Oriented Development on Housing Prices in San Diego, CA. *Urban Studies*, 48(1), 101-127. Retrieved from <http://usj.sagepub.com/content/48/1/101.abstract> doi:10.1177/0042098009359958
- Duncan, M. (2011). The Synergistic Influence of Rail Stations and Zoning on Home Prices. *Environment and Planning*, 43(9), 2125-2142. Retrieved from <http://www.envplan.com/abstract.cgi?id=a43406> doi:10.1068/a43406
- Duncan, M. (2010). To Park or to Develop: Tradeoff in Rail Transit Passenger Demand. *Journal of Planning Education and Research*, 30(2), 162-181. Retrieved from <http://jpe.sagepub.com/content/30/2/162.abstract> doi:10.1177/0739456X10385935
- Duncan, M. (2008). Comparing Rail Transit Capitalization Benefits for Single Family and Condominium Units in San Diego, CA. *Transportation Research Record*, 2067, 120-130. Retrieved from <http://trb.metapress.com/content/m5655n76j35651n0/> doi:10.3141/2067-14
- Cervero, R., & Duncan, M. (2006). Which Reduces Travel More: Jobs-Housing Balance or Housing-Retail Mixing? *Journal of the American Planning Association*, 76(4), 475-490. Retrieved from <http://www.informaworld.com/smpp/content~db=all~content=a787405762> doi:10.1080/01944360608976767
- Cervero, R., & Duncan, M. (2004). Neighborhood Composition and Residential Land Prices: Does Exclusion Raise or Lower Values? *Urban Studies*, 41(2), 299-315. Retrieved from <http://usj.sagepub.com/content/41/2/299.abstract> doi:10.1080/0042098032000165262
- Cervero, R., & Duncan, M. (2003). Walking, Bicycling, and Urban Landscapes: Evidence from the San Francisco Bay Area. *American Journal of Public Health*, 93(9), 1478-1483. Retrieved from <http://ajph.aphapublications.org/cgi/content/full/93/9/1478> doi:10.2105/AJPH.93.9.1478

Cervero, R., & Duncan, M. (2002). Benefits of Proximity to Rail on Housing Markets: Experiences in Santa Clara County. *Journal of Public Transportation*, 5(1), 1-18. Retrieved from <http://www.nctr.usf.edu/jpt/jptv5n1.htm>

Cervero, R., & Duncan, M. (2002). Transit's Value-Added: Effects of Light and Commuter Rail Services on Commercial Land Values. *Transportation Research Record*, 1805, 8-15. Retrieved from <http://trb.metapress.com/content/1832g82m232t4818/>
doi:10.3141/1805-02

Refereed Proceedings

Costello, K., & Duncan, M. (2017). Identifying the Determinants of Access Mode Choice for SunRail Riders. In *Transportation Research Board 96th Annual Meeting*. Transportation Research Board.

Duncan, M., Horner, M., Valdez-Torres, Y., Stansbury, C., & Wood, B. (2016). Does older adults' mobility differ by the size of the metropolitan area in which they live? An analysis of NHTS data. In *Transportation Research Board 95th Annual Meeting* (pp. 22). Transportation Research Board.

Invited Reviews

Duncan, M. (2018). Bike Boom by Carlton Reid. *Journal of the American Planning Association*, 84(2), 206.

Refereed Reports

Duncan, M., & Horner, M. (2017). *Transit-Oriented Development for Aging Adults: An Evaluation of Recent Trends, Best Practices, and Future Prospects*. Center for Accessibility and Safety for an Aging Population.

Horner, M., & Duncan, M. (2015). *Accessibility for an Aging Population: Measuring and Ensuring Access to Goods, Services, and Vital Needs*. Center for Accessibility and Safety for an Aging Population.

Nonrefereed Journal Articles

Cervero, R., & Duncan, M. (2002). Rail's Added Value. *Urban Land*, 61(2), 77-84.

Nonrefereed Reports

- Duncan, M., Horner, M., Smith, D., Chapin, T., Crute, J., Sharmin, N., & Back, C. (2020). *Assessing the Impacts of SunRail Stations on Property Values and Development - Property Value Analysis Methodology*. Florida Department of Transportation.
- Duncan, M., Horner, M., Smith, D., Chapin, T., Crute, J., Sharmin, N., & Back, C. (2020). *Assessing the Impacts of SunRail Stations on Property Values and Development - Phase II*. Florida Department of Transportation.
- Duncan, M., Horner, M., Smith, D., Chapin, T., Crute, J., Pierce, J., Sharmin, N., & McClellan, K. (2019). *Assessing the Impacts of SunRail Stations on Property Values and Development - Phase I*. Florida Department of Transportation.
- Chapin, T., Duncan, M., Horner, M., Crute, J., Costello, K., Williams, A., Riemondy, A., & Stansbury, C. (2016). *Assessing the Property Impacts of Sunrail Stations* (Contract BDV30 943-20). Florida Department of Transportation.
- Brown, J., Duncan, M., Horner, M., Bond, M., Wood, J., Quintero, A., & Teller, M. (2016). *Best Practice Approaches to Increasing Transit Use Among Older Americans* (Contract BDV30 943-16). Florida Department of Transportation.
- Duncan, M., Charness, N., Chapin, T., Horner, M., Stevens, L., Richard, A., Sounders, D., Crute, J., Riemondy, A., & Morgan, D. (2015). *Enhanced mobility for Aging Populations Using Automated Vehicles* (Contract BDV30 977-11). Florida Department of Transportation.
Retrieved from
http://www.dot.state.fl.us/research-center/Completed_Proj/Summary_PL/FDOT-BDV30-977-11-rpt.pdf
- Cervero, R., & Duncan, M. (2006). *Balanced Growth, Travel Demand, and Physical Activity*. University of California Transportation Center Paper #766. Retrieved from
<http://www.uctc.net/papers/766.pdf>
- Cervero, R., Chapple, K., Landis, J., Wachs, M., Blumenberg, E., Duncan, M., & Scholl, P. (2006). *MAKING DO: How Working Families in Seven U.S. Metropolitan Areas Trade Off Housing Costs and Commuting Times*. Institute of Transportation Studies. Retrieved from <http://www.escholarship.org/uc/item/9wf8x6p5>
- Cervero, R., & Duncan, M. (2003). *Residential Self Selection and Rail Commuting: A Nested Logit Analysis*. University of California Transportation Center Paper #604. Retrieved from <http://www.uctc.net/papers/604.pdf>
- Cervero, R., & Duncan, M. (2002). *Land Value Impacts of Rail Transit Services in Los Angeles County*. National Association of Realtors & Urban Land Institute. Retrieved from
[http://www.realtor.org/smart_growth.nsf/docfiles/losangeles.pdf/\\$FILE/losangeles.pdf](http://www.realtor.org/smart_growth.nsf/docfiles/losangeles.pdf/$FILE/losangeles.pdf)

Cervero, R., & Duncan, M. (2002). *Land Value Impacts of Rail Transit Services in San Diego County*. National Association of Realtors & Urban Land Institute. Retrieved from [http://www.realtor.org/smart_growth.nsf/docfiles/sandiego.pdf/\\$FILE/sandiego.pdf](http://www.realtor.org/smart_growth.nsf/docfiles/sandiego.pdf/$FILE/sandiego.pdf)

Cervero, R., Landis, J., Sandoval, O., & Duncan, M. (2001). *The Transition from Welfare-to-Work: Policies to Stimulate Employment and Reduce Welfare Dependency*. University of California Transportation Center Paper #527. Retrieved from <http://www.uctc.net/research/papers/527.pdf>

Presentations

Refereed Papers at Conferences

Valdez Torres, Y., & Duncan, M. (accepted). *The influence of the Ecobici Bike Share Program on Drivers' Perceptions towards Cyclists*. Paper to be presented at 100th Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington DC. (National)

Duncan, M. (presented 2020, January). *Marginal Impacts of Park-and-Ride Facilities in the Twin Cities*. Paper presented at 99th Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington DC. (National)

Duncan, M., Horner, M., Chapin, T., Crute, J., Costello, K., Sharmin, N., Williams, A., Riemondy, A., & Stansbury, C. (presented 2019, January). *Assessing the Property Value and Tax Revenue Impacts of SunRail Stations in Orlando, Florida*. Paper presented at 98th Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington DC. (National)

Cao J., & Duncan, M. (presented 2018, January). *Do Park-and-Ride Transit Stations Need to Be Built Adjacent to the Transit Station? Examining the Walking Tolerance of Park-and-Ride Users in the Twin Cities, Minnesota*. Paper presented at 97th Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington DC. (National)

Duncan, M., Almario, R., & Costello, K. (presented 2018, January). *Evaluation of the North Carolina Department of Transportation's Bike and Pedestrian Planning Grant Initiative Users in the Twin Cities, Minnesota*. Paper presented at 97th Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington DC. (National)

Wood, B., Horner, M., Duncan, M., & Valdez-Torres, Y. (presented 2017, January). *Assessing Transit Oriented Development for Older Adults: Geographical, Modal, and Built Environmental Factors*. Paper presented at 96th Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington, DC. (National)

Costello, K., & Duncan, M. (presented 2017, January). *Identifying the determinants of access mode choice for Sunrail riders*. Paper presented at 96th Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington, DC. (National)

Valdez-Torres, Y., Duncan, M., Horner, M., & Wood, B. (presented 2017, January). *Promoting Transit Oriented Development for Older Adults: A Survey of Current Practices Among Transit Agencies and Local Governments in the US*. Paper presented at 96th Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington, DC. (National)

Wood, B., Horner, M., Duncan, M., & Valdez-Torres, Y. (presented 2016, January). *Aging Populations and Transit Oriented Development: Socioeconomic, Demographic, and Neighborhood Trends from 2000 and 2010*. Paper presented at 95th Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington, DC. (National)

Duncan, M., Valdez-Torres, Y., Horner, M., & Wood, B. (presented 2016, January). *Does the travel behavior of aging populations differ by the size of the metropolitan area in which they live? An analysis of NHTS data*. Paper presented at 95th Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington, DC. (National)

Duncan, M. (presented 2015, January). *Would the replacement of Park-and-Ride Facilities with TOD reduce VMT?* Paper presented at 94th Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington, DC. (National)

Duncan, M., & Cook, D. (presented 2014, January). *Is the Provision of Park-and-Ride Facilities at Light Rail Stations an Effective Approach to Reducing Vehicle Miles Traveled in a US Context?* Paper presented at 93rd Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington, DC. (National)

Duncan, M. (presented 2014, January). *The Influence of Pedestrian Plans on Walk Commuting*. Paper presented at 93rd Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington, DC. (National)

Duncan, M., & Holleran, P. (presented 2012, January). *A Sketch-Level Feasibility Analysis of Commuter Rail Service between Kannapolis and Charlotte, North Carolina*. Paper presented at 91st Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington, D.C. (National)

- Reinagel, T., Christensen, R., & Duncan, M. (presented 2011, September). *Form of Government and Tools of Sustainable Management: Municipal Infill Development Incentives and Impact Fees*. Paper presented at 2nd International Conference on Government Performance Management and Leadership, Portland State University Hatfield School of Government, Portland, OR. (International)
- Duncan, M. (presented 2008, January). *Comparing Rail Transit Capitalization Benefits for Single Family and Condominium Units in San Diego, CA*. Paper presented at 87th Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington, D.C. (National)
- Duncan, M., & Cervero, R. (presented 2002, January). *Transit's Value Added: Effects of Light and Commuter Rail Services on Commercial Land Values in Santa Clara County, CA*. Paper presented at 81st Annual Meeting of the Transportation Research Board, Transportation Research Board, Washington, D.C. (National)

Refereed Papers at Symposia

- Duncan, M., Yan, S., & Delmelle, E. (presented 2011, July). Impact of a New Light Rail System on Property Values in Charlotte, North Carolina. In *1st World Symposium on Transport and Land Use*. Symposium conducted at the meeting of World Society for Transport and Land use, Whistler, BC. (International)

Nonrefereed Papers at Conferences

- Gladwin, K., & Duncan, M. (presented 2021, October). *How the COVID-19 Pandemic Changed Older Adult's Cycling Behaviors in Tallahassee, Florida*. Paper presented at Association of Collegiate Schools of Planning 61st Annual Conference, Association of Collegiate Schools of Planning. (National)
- Gladwin, K., & Duncan, M. (presented 2019, October). *Beneficiaries Experiences with the NCDOT Bicycle And Pedestrian Planning Grant Initiative Process*. Paper presented at Association of Collegiate Schools of Planning 59th Annual Conference, Association of Collegiate Schools of Planning, Greenville, SC. (National)
- Duncan, M. (presented 2019, October). *Evaluating the Impact of Bike and Pedestrian Plans on Commuting Behavior*. Paper presented at Association of Collegiate Schools of Planning 59th Annual Conference, Association of Collegiate Schools of Planning, Greenville, SC. (National)

- Duncan, M., & Cao, J. (presented 2018, October). *Predicting the Ridership and VMT Impacts of Park and Ride Transit in the Twin Cities*. Paper presented at Association of Collegiate Schools of Planning 58th Annual Conference, Association of Collegiate Schools of Planning, Buffalo, NY. (National)
- Valdez-Torres, Y., Duncan, M., Horner, M., & Wood, B. (presented 2017, October). *Modeling Attractiveness of Transit Oriented Development from the Perspective of an Aging Population*. Paper presented at Association of Collegiate Schools of Planning 57th Annual Conference, Association of Collegiate Schools of Planning, Denver, CO. (National)
- Wood, B., Horner, M., Duncan, M., & Valdez-Torres, Y. (presented 2016, November). *Assessing Transit Oriented Development for Older Adults: MSA Size, Transit Mode, and Walk Score Factors Associated with Aging Populations' Growth from 2000 to 2010*. Paper presented at Association of Collegiate Schools of Planning 56th Annual Conference, Association of Collegiate Schools of Planning, Potland, OR. (National)
- Duncan, M. (presented 2016, November). *Correlates of Bike and Pedestrian Plan Adoption*. Paper presented at Association of Collegiate Schools of Planning 56th Annual Conference, Association of Collegiate Schools of Planning, Potland, OR. (National)
- Valdez-Torres, Y., Duncan, M., Horner, M., & Wood, B. (presented 2016, November). *Transit Oriented Development for Older Adults: A Survey of Current Practices among Transit Agencies and Local Governments*. Paper presented at Association of Collegiate Schools of Planning 56th Annual Conference, Association of Collegiate Schools of Planning, Potland, OR. (National)
- Wood, B., Horner, M., Duncan, M., & Valdez-Torres, Y. (presented 2015, October). *Aging Populations and Transit Oriented Development: Socioeconomic, Demographic, and Neighborhood Trends from 2000 and 2010*. Paper presented at Association of Collegiate Schools of Planning 55th Annual Conference, Association of Collegiate Schools of Planning, Washington, DC. (National)
- Duncan, M., Chapin, T., & Crute, J. (presented 2015, October). *Examining the Correlation between Existing Travel Behavior and Willingness to Adopt Automated Vehicle Technology*. Paper presented at Association of Collegiate Schools of Planning 55th Annual Conference, Association of Collegiate Schools of Planning, Houston TX. (National)
- Duncan, M. (presented 2014, October). *Evaluation of the NC Department of Transportation's Bike and Pedestrian Planning Grant Initiative*. Paper presented at Association of Collegiate Schools of Planning 54th Annual Conference, Association of Collegiate Schools of Planning, Philadelphia, PA. (National)
- Duncan, M. (presented 2012, November). *The Influence of Pedestrian Plans on Walk Commuting in North Carolina Municipalities*. Paper presented at Association of

Collegiate Schools of Planning 54th Annual Conference, Association of Collegiate Schools of Planning, Cincinnati, OH. (National)

Duncan, M., & Cook, D. (presented 2011, October). *The Influence of LRT Park-and-Ride Facilities on VMT and Emissions in Charlotte, NC*. Paper presented at Association of Collegiate Schools of Planning 51st Annual Conference, Association of Collegiate Schools of Planning, Salt Lake City, UT. (National)

Duncan, M. (presented 2009, October). *Determinants of the Construction of Parking Facilities at Rail Stations*. Paper presented at Association of Collegiate Schools of Planning 49th Annual Conference, Association of Collegiate Schools of Planning, Arlington, VA. (National)

Duncan, M. (presented 2008, July). *Comparing the Ridership Impact of Station Area Parking Vs. Housing*. Paper presented at Association of Collegiate Schools of Planning 48th Annual Conference, Association of Collegiate Schools of Planning, Chicago, IL. (National)

Duncan, M. (presented 2007, October). *The Cost Saving Potential of Carsharing in the San Francisco Bay Area*. Paper presented at Association of Collegiate Schools of Planning 47th Annual Conference, Association of Collegiate Schools of Planning, Milwaukee, WI. (National)

Duncan, M. (presented 2006, November). *The Interactive Effect of Pedestrian-Oriented Urban Form and Proximity to Rail Transit on Surrounding Property Values*. Paper presented at Association of Collegiate Schools of Planning 46th Annual Conference, Association of Collegiate Schools of Planning, Fort Worth, TX. (National)

Invited Presentations at Conferences

Duncan, M. (presented 2015, March). *Transportation, Land Use, and Energy*. Presentation at Energy Water Food Nexus International Summit, Florida A & M University. (International)

Duncan, M. (presented 2014, March). *The Conditional Nature of Transit Capitalization*. Presentation at Transit and Cities, UC Berkeley Institute Of Urban and Regional Development, Berkeley, CA. (International)

Invited Presentations at Symposia

Duncan, M. (presented 2003, May). *Conditions for Transit Capitalization: An Examination of Local Differences in Capitalization across San Diego, CA*. In *Lincoln Institute of Land Policy Dissertation Symposium*. Presentation at the meeting of Lincoln Institute of Land Policy, Cambridge, MA. (National)

Nonrefereed Presentations at Conferences

Duncan, M. (presented 2008, April). *Smart Growth and the Chaining of Work and Non-Work Trips*. Presentation at the meeting of Association of American Geographers, Boston, MA. (National)

Invited Lectures and Readings of Original Work

Duncan, M. D. (2020, December). *Marginal Impacts of Park-and-Ride Facilities in the Twin Cities*. Delivered at TRB AMS50. (International)

Duncan, M. (2009, April). *Comparing the Ridership Impact of Station Area Parking Vs. Housing*. Delivered at Carolina Transportation Program Speaker Series, Chapel Hill, NC. (Local)

Contracts and Grants

Contracts and Grants Funded

Horner, Mark W (Co-PI), Duncan Jr, Michael Douglas (Co-PI), Ozguven, Eren Erman (Co-PI), & Smith, Dennis J (PI). (Feb 2018–Aug 2018). *MetroPlan Orlando SunRail TOD Ridership Study*. Funded by MetroPlan Orlando. Total award \$153,161.

Duncan Jr, Michael Douglas (PI), & Horner, Mark W (Co-PI). (Jan 2018–May 2020). *Assessing the Property Value Impacts of SunRail Stations--Phase II Update*. Funded by Florida Department of Transportation. (TWO 943-34). Total award \$151,609.

Brown, Jeffrey (PI), Duncan, Michael (Co-PI), & Horner, Mark (Co-PI). (Aug 2015–Jun 2016). *Best Practice Approaches To Increasing Transit Use Among Older Americans*. Funded by Florida Department of Transportation. Total award \$69,330.

Cao, Jason (PI), & Duncan, Michael (subcontractor). (Aug 2015–Aug 2016). *Exploring Walking Tolerance of Transitway Users*. Funded by Minnesota Local Road Research Board. Total award \$93,123.

Chapin, Timothy (PI), Duncan, Michael (Co-PI), Horner, Mark W (Co-PI), & Stevens, Lindsay (Co-PI). (May 2015–Apr 2016). *Envisioning Florida's Future: Transportation And Land Use In An Automated Vehicle World*. Funded by Florida Department of Transportation. (BDV30 TWO 934-10). Total award \$175,000.

Duncan, Michael (PI), & Horner, Mark (Co-PI). (May 2015–Dec 2016). *Transit-Oriented Development for Aging Adults: An Evaluation of Recent Trends, Best Practices, and*

Future Prospects. Funded by Center for Accessibility and Safety for an Aging Population. Total award \$185,453.

Duncan, Michael (PI), Horner, Mark W (Co-PI), Tim Chapin (Co-PI), & Dennis Smith (Co-PI). (Apr 2015–Oct 2016). *Assessing the Property Value Impacts of Sunrail Stations*. Funded by Florida Department of Transportation. Total award \$151,609.

Duncan, Michael (PI), Chapin, Timothy (Co-PI), Charness, Neil H (Co-PI), Horner, Mark W (Co-PI), & Stevens, Lindsay (Co-PI). (Jun 2014–Dec 2015). *Enhanced Mobility for Aging Population Using Automated Vehicles*. Funded by Florida Department of Transportation. (BDV30 TWO 977-11). Total award \$305,838.

Horner, Mark (PI), & Duncan, Michael (Co-PI). (Jan 2014–Dec 2014). *Accessibility for an Aging Population: Measuring and Ensuring Access to Goods, Services, and Vital Needs*. Funded by Center for Accessibility and Safety for and Aging Population. Total award \$90,700.

Sobanjo, John O (PI), Boot, Walter (Co-PI), Brown, Jeffrey R (Co-PI), Charness, Neil H (Co-PI), Duncan, Michael (Co-PI), Horner, Mark W (Co-PI), Ozguven, Eren Erman (Co-PI), Ping, Wei-Chou V (Co-PI), & Spainhour, Lisa K (Co-PI). (Oct 2013–Sep 2018). *Center for Safe and Accessible Transportation for an Aging Population*. Funded by United States Department of Transportation. (DTRT13-G-UTC42). Total award \$3,740,000.

Duncan, M. (May 2013–Aug 2013). *FYAP: Evaluating the Effectiveness of Bike and Pedestrian Plans Adopted by U.S. Municipalities*. Funded by FSU CRC. Total award \$20,000.

Duncan, M. (Sep 2008–May 2009). *Evaluating the Effect of Congestion on Accessibility in Charlotte, NC*. Funded by University of North Carolina at Charlotte Faculty Research Grant. Total award \$7,000.

Duncan, M. (2002–2005). *The Interactive Effects of Zoning and Rail Station Proximity on Property Values*. Funded by Lincoln Institute of Land Policy Dissertation Research Grant. Total award \$10,000.

Contracts and Grants Denied

Pande, Anurag (Co-PI), Molan, Amir (Co-PI), Duncan, M., & Voulgaris, C. (Feb 2020). *Improving Counts and Forecasting of Non-motorized mode share in California*. Submitted to California State University Transportation and Workforce Development.

Moses, Ren (Co-PI), Horner, Mark W (Co-PI), Duncan Jr, Michael Douglas (Co-PI), Crute, Jeremy Paul (Co-PI), Ozguven, Eren Erman (Co-PI), Dulebenets, Maxim A. (Co-PI), Choi, Juyeong (PI), Sun, Yanshuo (Co-PI), & Smith, Dennis J (Co-PI). (Jan 2019).

Identifying and Tracking Emerging Transportation Trends and Indicators. Submitted to Florida Department of Transportation.

Sobanjo, John O (PI), Boot, Walter (Co-PI), Brown, Jeffrey R (Co-PI), Charness, Neil H (Co-PI), Duncan, Michael (Co-PI), Horner, Mark W (Co-PI), Ozguven, Eren Erman (Co-PI), Ping, Wei-Chou V (Co-PI), & Spainhour, Lisa K (Co-PI). (May 2016). *Center for Safe and Accessible Transportation for an Aging Population Renewal*. Submitted to United States Department of Transportation.

Duncan, M. (2011). *The Influence of Institutional Characteristics on Municipal Support for Non-Motorized Travel*. Submitted to SURDNA Foundation.

Christensen, Robert (PI), & Duncan, Michael (Co-PI). (2011). *Municipal Precursors of Policy Commitment to Promote Physical Activity*. Submitted to Robert Wood Johnson Foundation.

Duncan, M. (2011). *Understanding the Travel Behavior Changes Associated with Park-and-Ride Provision*. Submitted to SURDNA Foundation.

Raney, Steve (PI), & Duncan, Michael (subcontractor). (2008). *Palo Alto University Avenue Housing Element Study*. Submitted to Silicon Valley Community Foundation.

Porter, Chris (PI), & Duncan, Michael (subcontractor). (2008). *Methodology for Determining the Economic Development Impacts of Transit Investments*. Submitted to Transportation Research Board Transit Cooperative Research Program.

Duncan, M. (2007). *Evaluating the Effect of Congestion on Accessibility in North Carolina Cities*. Submitted to North Carolina Department of Transportation.

Service

Florida State University

FSU University Service

Faculty Advisor, Red Cross Club (2020–present).

Member, Faculty Senate (2019–present).

Member, Sustainability Advisory Board (2013–2017).

FSU College Service

Member, Policy and Academic Affairs Committee (2019–present).

Member, Promotion and Tenure Committee (2017–2019).

Member, Policy and Academic Affairs Committee (2013–2017).

FSU Department Service

Director, Doctoral Program (2022–present).

Chair, Graduate Programs Committee (2022–present).

Member, Promotion and Tenure Committee (2012–present).

Chair, Human and Financial Resources (2020–2022).

Member, Academic Personnel Committee (2019–2020).

Member, MSP Policy Committee (2019–2020).

Coordinator, Undergraduate Recruiting (2018–2019).

Chair, Academic Personnel Committee (2016–2018).

Member, Academic Personnel Committee (2014–2016).

Chair, Curriculum Committee (2014–2016).

Member, Curriculum Committee (2014).

Member, Doctoral Policy Committee (2013–2014).

Member, Admissions Committee (2012–2013).

FSU Institute or Center Service

Faculty Affiliate, Institute for Successful Longevity (2021–present).

Associate Director, Center for Accessibility and Safety for an Aging Population (2018–present).

Faculty Affiliate, Center for Accessibility and Safety for an Aging Population (2013–2018).

The Profession

Editor for Refereed Journals

Co-Editor, *Berkeley Planning Journal* (2002–2003).

Guest Reviewer for Refereed Journals

Cityscape (2011–present).

International Journal of Sustainable Transportation (2011–present).

Journal of the American Planning Association (2011–present).

Transportation Research Part A (2011–present).

Environment and Planning A (2009–present).

Journal of Transport and Land Use (2009–present).

North Carolina Geographer (2009–present).

Computers, Environment and Urban Systems (2008–present).

Journal of Regional Science (2008–present).

Transportation Research Record (2008–present).

Urban Studies (2008–present).

Journal of Planning Education and Research (2006–present).

Transport Reviews (2021–present).

Case Studies in Transport Policy (2020–present).

Travel Behavior and Society (2020–present).

Landscape and Urban Planning (2016–present).

Research in Transportation Economics (2016–present).

Land Use Policy (2014–present).

Transportation (2014–present).

Transportation Research Part D (2014–present).

Journal of Transport Geography (2012–present).

Transport Policy (2012–present).

Transportmetrica (2012–present).

Reviewer or Panelist for Grant Applications

Pacific Southwest Region UTC (2020–present).

National Science Foundation (2017–present).

National Center for Sustainable Transportation (2015–present).

UCCONNECT (2015–present).

University of California Transportation Center (2013–2014).

Service to Professional Associations

Transportation Track Chair, Association of Collegiate Schools of Planning (2019–present).

Member, Economic Development and Land Use Committee, Transportation Research Board of the National Academies (2019–present).

Member, Passenger Intermodal Facilities Committee, Transportation Research Board of the National Academies (2016–present).

Member, Pedestrian and Bicycle Education Subcommittee, Transportation Research Board of the National Academies (2012–present).

Invited Roundtable Participant, What Works Collaborative (2011).

Service to Other Universities

IT Committee, *University of North Carolina at Charlotte, Department of Geography and Earth Sciences* (2009–2010).

Community Planning Faculty Search Committee, *University of North Carolina at Charlotte*
Department of Geography and Earth Sciences (2007–2008).