

*Curriculum Vitae*

***Kelly J. Clifton***

Professor

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***Education***

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- Ph.D. 2001 Community & Regional Planning, University of Texas at Austin, Concentration:  
Transportation  
M.S. 1995 Planning, University of Arizona, Concentration: Transportation  
B.S. 1990 Mechanical Engineering, West Virginia University

***Employment & Academic Positions***

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- 2013-present Professor, Civil & Environmental Engineering, Portland State University, Portland,  
OR (effective September 2013)  
2017-2020 Hans Fischer Senior Fellow, [Modeling Spatial Mobility Group](#), [Institute for  
Advanced Studies](#), Technical University of Munich  
2017-present Principal, Clifton-Currans, LLC. <http://clifton-currans.com>  
2016 Visiting Professor and Fulbright Fellow, Instituto Superior Técnico, University of  
Lisbon, Lisbon, Portugal  
2010-present Fellow, Institute for Sustainable Solutions, Portland State University  
2010-present Director, Oregon Modeling Collaborative, Portland State University  
2010- present Affiliate Faculty, Toulan School of Urban Studies & Planning, Portland State  
University  
2010-2013 Associate Professor, Civil & Environmental Engineering, Portland State University,  
Portland, OR (effective January 2010)  
2008-2009 Associate Professor, Urban Studies & Planning, University of Maryland, College  
Park, MD  
2005-2009 Research Fellow, National Center for Smart Growth Research & Education,  
University of Maryland, College Park, MD  
2008 Visiting Scholar, Transport Data Centre, New South Wales Ministry of Transport,  
Sydney, Australia (November & December)

- 2008-2009 Associate Professor, Urban Studies & Planning Program/Civil & Environmental Engineering, University of Maryland, College Park, MD
- 2003-2008 Assistant Professor, Urban Studies & Planning Program/Civil & Environmental Engineering, University of Maryland, College Park, MD
- 2000-2002 Assistant Professor, Urban & Regional Planning, University of Iowa, Iowa City, IA
- 1999-2001 Associate Transportation Planner, John F. Hickman & Associates, Austin, TX
- 1996-2000 Graduate Research Assistant, Center for Transportation Research, University of Texas at Austin, Austin, TX
- 1996 Transportation Survey Project Manager, NuStats, Austin, TX
- 1995-1996 Research Associate, Southern Arizona Housing Center, Tucson, AZ
- 1994-1996 Graduate Research Assistant, Drachman Institute for Land & Regional Development Studies, University of Arizona, Tucson, AZ
- 1992-1993 Mechanical Engineer, Morgantown Energy Technology Center, US Department of Energy, Morgantown, WV

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### *Professional Certification*

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Engineer in Training Certification, No. EI 6232 1993, State Board of Registration for Professional Engineers of West Virginia

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### *Dissertation*

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“Mobility Strategies & Provisioning Activities of Low-Income Households in Austin, Texas,” University of Texas at Austin, Austin, TX. May 2001.

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### *Publications*

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#### **Edited Books**

1. Knaap, Gerrit; Haccoû, Huibert A; Clifton, Kelly J.; & Frece, John, eds. [\*Incentives, Regulations & Plans: The Role of States & Nation States in Land Use Planning\*](#), Edward Elgar Publishers, 2007.

#### **Book Chapters**

1. Clifton, Kelly J. “Collecting Qualitative & Quantitative Data on the Social Context of Travel Behaviour”, in [\*Transport Survey Methods: Best Practice for Decision Making\*](#) (ed. Zmud, Lee-Gosselin, Munizaga, & Carrasco, JA), Bingley, UK: Emerald Press, 2013. pp.441-448.
2. Clifton, Kelly J. Chapter 10: “Physical Activity in the Built Environment: Synthesis of a Workshop,” In [\*Transport Survey Methods: Keeping Up with a Changing World\*](#). (ed. Bonnel, Lee-Gosselin, Zmud & Madre), Bingley, UK: Emerald Press, 2009. pp. 191-196.

3. Zhang, Feng, Clifton, Kelly J. & Shen, Qing. Chapter 10: "Reexamining ICT Impact on Travel using the 2001 NHTS Data for Baltimore Metropolitan Area," In *Societies & Cities in the Age of Instant Access*, Miller, Harvey J. (ed.), Dordrecht, The Netherlands: Springer, 2007. pp. 153-166.
4. Handy, Susan L. & Clifton, Kelly J. Chapter 8: "City & Regional Planners," In *Handbook of Obesity Prevention: A Resource for Health Professionals*, Kumanyika & Brownson (eds.), NY, NY: Springer Publishing Co. pp. 171-192, 2007.
5. Clifton, Kelly J., Livi, Andrea, & Harrell, Rodney. "Healthy Urban Design: Maryland's Smart Codes & the Pedestrian Environment," In *Incentives, Regulations & Plans: The Role of States & Nation States in Land Use Planning*, (Knaap, Haccoû, Clifton & Frece (eds.)), Northampton, MA: Edward Elgar Publishers, 2007. pp. 209-229.
6. Clifton, Kelly J. & Burnier, Carolina. Chapter 6: "From the Ground Up: Local Land Use Policies, Transportation Choices, & the Potential for Improved Air Quality," in *Smart Growth & Climate Change: Regional Development, Infrastructure, & Adaptation*, M. Ruth (ed.), Northampton, MA: Edward Elgar Publishers, 2006. pp. 269-290.
7. Clifton, Kelly J. & Karen Lucas. Chapter 2: "Examining the Empirical Evidence of Transport Inequality in the USA & UK," in *Running on Empty: Transport, Social Exclusion and Environmental Justice*, Lucas, K. (ed.), Bristol, UK: The Policy Press, 2004. pp. 15-36.
8. Clifton, Kelly J. & Susan Handy L. Chapter 16: "Qualitative Methods in Travel Behaviour Research," in *Transport Survey Quality & Innovation*, P. Stopher & P. Jones (eds.), Oxford UK: Elsevier Science, Pergamon, 2003. pp. 283-302.

### Refereed Journal Articles

1. Currans, KM; and Clifton, KJ. "Exploring ITE's Trip Generation Manual: Assessing age of data and land-use taxonomy in vehicle trip generation for transportation impact analyses", *Transportation Research Part A: Policy and Practice*, 2018, 118: 387-398. <https://doi.org/10.1016/j.tra.2018.09.007>
2. Singleton, P; Totten, J; Orrego, J.; Schneider, R; and Clifton, K. "Making Strides: State of the Practice of Pedestrian Forecasting in Regional Travel Models", *Transportation Research Record: Journal of the Transportation Research Board*, Transportation Research Board of the National Academies, Washington, D.C., 2018. <https://doi.org/10.1177/0361198118773555>
3. Gehrke, S; Currans, K; and Clifton, K. "Assessing the Importance of Housing, Accessibility, and Transportation Characteristics on Stated Neighborhood Preference", *International Journal of Urban Sciences*, 2018. <https://doi.org/10.1080/12265934.2018.1436983>
4. Howell, A; Currans, K; Gehrke, S; Norton, G and Clifton, K. "Transportation impacts of affordable housing: informing development review with travel behavior analysis", *Journal of Transport and Land Use*, 2018, 11(1): 103-118. DOI: <http://dx.doi.org/10.5198/jtlu.2018.1129>
5. Lefebvre-Ropars, G.; Morency, C.; Singleton, P.; and Clifton, K. "Assessing the spatial transferability of a walkability index: the Pedestrian Index of the Environment", *Transportation Research Part D: Transport and Environment*, 2017, 57: 378-392. <https://doi.org/10.1016/j.trd.2017.08.018>
6. Clifton, KJ and Moura, F. "Conceptual Framework for Understanding Latent Demand: Accounting for Unrealized Activities and Travel", *Transportation Research Record: Journal of the Transportation Research Board*, No. 2668, 2017: 78-83. <https://doi.org/10.3141/2668-08>
7. Singleton, P. A., & Clifton, K. J. "Considering health in US metropolitan long-range transportation plans: A review of guidance statements and performance measures." *Transport Policy*, 2017 (57): 79-89. <https://doi.org/10.1016/j.tranpol.2017.02.003>

8. Felix, R; Moura, F.; and Clifton, K. "Typologies of Urban Cyclists: A Review of Market Segmentation Methods for Planning Practice", *Transportation Research Record: Journal of the Transportation Research Board*, Transportation Research Board of the National Academies, Washington, D.C., 2017, Vol. 2662, pp. 125-133 <https://doi.org/10.3141/2662-14>.
9. S.R. Gehrke, & K.J. Clifton. "A pathway linking smart growth neighborhoods to household-level pedestrian travel", *Travel Behaviour and Society*, 2017(7): 52-62. <http://dx.doi.org/10.1016/j.tbs.2017.02.003>
10. S.R. Gehrke, & K.J. Clifton. An activity-related land use mix construct and its connection to pedestrian travel. *Environment and Planning B: Urban Analytics and City Science*. First published date: January-27-2017, <http://dx.doi.org/10.1177/2399808317690157>.
11. Clifton, K. J., Singleton, P. A., Muhs, C. D., & Schneider, R. J. 2016. "Development of destination choice models for pedestrian travel", *Transportation Research Part A*, 94: 255-265. <https://doi.org/10.1016/j.tra.2016.09.017>
12. Blanc, B.; Figliozzi, MA; and Clifton, KJ. 2016. "How Representative of Bicycling Populations Are Smartphone Application Surveys of Travel Behavior?" *Transportation Research Record: Journal of the Transportation Research Board*, No. 2587, 2016, pp. 78-89. <http://dx.doi.org/10.3141/2587-10>.
13. Clifton, K. J., Singleton, P. A., Muhs, C. D., & Schneider, R. J. "Representing pedestrian activity in travel demand models: Framework and applications", *Journal of Transport Geography*, 2016, Vol. 52:111-122. <http://dx.doi.org/10.1016/j.jtrangeo.2016.03.009>.
14. Muhs, C & Clifton, KJ. "Do Characteristics of Walkable Environments Support Bicycling? Towards a Definition of Bicycle-supported Development," *Journal of Transport & Land Use*, 2016, 9(2): 147-188. <http://dx.doi.org/10.5198/jtlu.2015.727>
15. Gehrke, S.R. & Clifton, K.J. "Toward a spatial-temporal measure of land-use mix." *Journal of Transport & Land Use*, 2016, 9(1):171-186. <http://dx.doi.org/10.5198/jtlu.2015.725>.
16. Clifton, Kelly, Muhs, Christopher; Morrissey, Tomás, & Currans, Kristina. "Consumer behavior and travel mode: An exploration of restaurant, drinking establishments and convenience store patrons," *International Journal of Sustainable Transport*, 2016, 10(3):260-270. <http://dx.doi.org/10.1080/15568318.2014.897404>.
17. Currans, K.M. & Clifton K.J. "Using household travel surveys to adjust ITE trip generation rates," *Journal of Transport & Land Use*, 2015, 8(1): 85-119. <http://dx.doi.org/10.5198/jtlu.2015.470>
18. Clifton, Kelly J. & Perez, Pascal "Workshop synthesis: Built environment and contextual variables," *Proceedings from International Conference on Transport Survey Methods*, *Transportation Research Procedia*, Vol 11C, 2015 pp. 452-459. <http://dx.doi.org/10.1016/j.trpro.2015.12.037>
19. Clifton, Kelly J.; Currans, Kristina M. & Muhs, Christopher D. "Adjusting ITE's Trip Generation Handbook for Urban Context," *Journal of Transport & Land Use*, 8(1), 2015, pp 1-25. <http://dx.doi.org/10.5198/jtlu.2015.378>
20. Bigazzi, Alex; Figliozzi, Miguel & Clifton, Kelly. "Traffic Congestion and Air Pollution Exposure for Motorists: Comparing Exposure Duration and Intensity," *International Journal of Sustainable Transport*, 9:7, 2015, pp. 443-456. <http://dx.doi.org/10.1080/15568318.2013.805345>
21. Bigazzi, A. & Clifton, KJ. "Modeling the effects of congestion on fuel economy for advanced powertrain vehicles," *Transportation Planning & Technology*, 38:2, 2015, pp 149-161. <http://dx.doi.org/10.1080/03081060.2014.997449>

22. Foster, N; Monsere, C; Dill, J; and Clifton, K. "Level-of-Service model for protected bike lanes," *Transportation Research Record: Journal of the Transportation Research Board* Jan 2015, Vol. 2520, pp. 90-99. <https://doi.org/10.3141/2520-11>
23. Singleton, P. A., & Clifton, K. J. "Exploring Synergy in Bicycle and Transit Use: Empirical Evidence at Two Scales," *Transportation Research Record: Journal of the Transportation Research Board*, Issue 2417 Transportation Research Board of the National Academies, Washington, D.C., 2014, pp. 92-10. <http://dx.doi.org/10.3141/2417-10>
24. Gehrke, S.R. & Clifton, K.J. "Operationalizing Land Use at Varying Geographic Scales and its Connection to Mode Choice: Evidence from Portland, Oregon," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2453, Transportation Research Board of the National Academies, Washington, D.C., 2014, pp 128-136. <http://dx.doi.org/10.3141/2453-16>
25. Clifton, K.J. & Gehrke, S.R. "Application of Geographic Perturbation Methods to Residential Locations in the Oregon Household Activity Survey: Proof of Concept," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2354, Transportation Research Board of the National Academies, Washington, D.C., 2013, pp. 40-50. <http://dx.doi.org/10.3141/2354-05>
26. Clifton, Kelly J.; Currans, Kristina Marie & Muhs, Christopher D. "Evolution of ITE Trip Generation Handbook: Proposal for Collecting Multimodal, Multi-context Establishment-Level Data," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2344, Transportation Research Board of the National Academies, Washington, D.C., 2013, pp. 107-117. <http://dx.doi.org/10.3141/2344-12>
27. Chen, Roger B.; Gehrke, Steven R.; Currans, Kristina Marie; Clifton, Kelly J.; Liu, Jenny & Jang, Yunemi. "Exploring Residential Tenure and Housing Type Decisions and Household Activity Engagement," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2344, Transportation Research Board of the National Academies, Washington, D.C., 2013, pp. 68-78. <http://dx.doi.org/10.3141/2344-08>
28. Clifton, Kelly J.; Currans, Kristina M; Cutter, April C. & Schneider, Robert. "A Context-Based Approach for Adjusting Institute of Transportation Engineers Trip Generation Rates in Urban Contexts Using Household Travel Surveys," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2307, Transportation Research Board of the National Academies, Washington, D.C., 2013. pp. 108-119. <http://dx.doi.org/10.3141/2307-12>
29. Clifton, Kelly J. & Muhs, Christopher. "Capturing and Representing Multimodal Trips in Travel Surveys: A Review of the Practice," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2285, Transportation Research Board of the National Academies, Washington, D.C., 2012. pp. 74-83. <http://dx.doi.org/10.3141/2285-09>
30. Clifton, Kelly J. & Gregor, Brian J. "The Development of a Decision Tool for Greenhouse Gas Emissions Reduction Strategies: The Role of NHTS Data in GreenSTEP Model Development," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2291, Transportation Research Board of the National Academies, Washington, D.C., 2012, pp124-134. <http://dx.doi.org/10.3141/2291-14>
31. Akar, G; Clifton, KJ & Doherty, ST. "Redefining Activity Types: Who Participates in Which Leisure Activity?" *Transportation Research Part A: Policy & Practice*, vol. 4 (8), 2012. pp. 1194-1204. <http://dx.doi.org/10.1016/j.tra.2012.05.007>
32. Voorhees CC, Yan F, Clifton K & Wang MQ. "Neighborhood Environment, Self-efficacy, and Physical Activity in Urban Adolescents," *American Journal of Health Behavior*, Nov. 35(6), 2011. pp. 674-88. <http://dx.doi.org/10.5993/AJHB.35.6.4>

33. Akar, G; Clifton, KJ & Doherty, ST. "Discretionary Activity Location Choice: In-Home or Out-of-Home?" *Transportation*, vol. 38, 2011. pp. 101-122. <http://dx.doi.org/10.1007/s11116-010-9293-x>
34. McConville, Megan; Rodríguez, Daniel; Clifton, Kelly; Cho, Gihyoung; & Fleischhacker, Sheila. "Disaggregate Land Uses and Walking," *American Journal of Preventive Medicine*, vol. 40(1), 2011. pp. 25-32. <http://dx.doi.org/10.1016/j.amepre.2010.09.023>
35. Clifton, KJ; Akar, G; Livi-Smith, A, & Voorhees, CC. "Gender Differences in Adolescent Travel to School: Exploring the Links with Physical Activity & Health." *Transportation Research Board: Journal of the Transportation Research Board*, No. 2(46), Transportation Research Board of the National Academies, Washington, D.C., 2011. pp. 203-212.
36. Yan AF, Voorhees CC, Clifton KJ, & Burnier C. "Do You See What I See? - Correlates of Multidimensional Measures of Neighborhood Form and Perceived Physical Activity Related Neighborhood Barriers and Facilitators in Minority Youth," *Preventive Medicine*, vol. 50(1), 2010. pp. S18-S23. <http://dx.doi.org/10.1016/j.ypmed.2009.08.015>
37. Akar, Gulsah, Clifton, Kelly, & Doherty, Sean. "How Travel Attributes Affect Planning Time Horizon of Activities," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2132, Transportation Research Board of the National Academies, Washington, D.C., 2009. pp. 33-41. <http://dx.doi.org/10.3141/2132-04>
38. Akar, Gulsah & Clifton, Kelly. "The Influence of Individual Perceptions and Bicycle Infrastructure on the Decision to Bike," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2140, Transportation Research Board of the National Academies, Washington, D.C., 2009. pp. 165-172. <http://dx.doi.org/10.3141/2140-18>
39. Shay, Elizabeth; Rodriguez, Daniel A; Cho, Gihyoung; Clifton, Kelly J. & Evenson, Kelly R. "Comparing Objective Measures of Environmental Supports for Pedestrian Travel in Adults," *International Journal of Health Geographics*, vol. 8:62, 2009. <http://dx.doi.org/10.1186/1476-072X-8-62>
40. Clifton, Kelly, Burnier, Carolina & Akar, Gulsah. "Severity of Injury Resulting from Pedestrian-Vehicle Crashes: What Can We Learn from Examining the Built Environment?" *Transportation Research Part D: Transport & Environment*, vol. 14(6), 2009. pp. 425-436. <http://dx.doi.org/10.1016/j.trd.2009.01.001>
41. Zhang, Feng; Shen, Qing & Clifton, Kelly. "An Examination of Traveler Responses to Real-Time Bus Arrival Information Using Panel Data," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2082, Transportation Research Board of the National Academies, Washington, D.C., 2008. pp. 107-115. <http://dx.doi.org/10.3141/2082-13>
42. Voorhees CC, Yan F, Clifton K, Wang MQ. "How does Neighborhood Built Environment Influence Physical Activity in Urban Youth? Evaluating a Structural Model of Walking Behavior Pathways among African American Adolescents," *Obesity*, vol. 16 (supplement 1s), 2008. pp. s82-83. <http://dx.doi.org/10.1038/oby.2008.371>
43. Rodríguez, DA; Aytur, S; Forsyth, A; Oakes, MJ, & Clifton, KJ. "Relation of Modifiable Neighborhood Attributes to Walking," *Preventive Medicine*, vol. 47(3), 2008. pp. 260-264. <http://dx.doi.org/10.1016/j.ypmed.2008.02.028>
44. Clifton, Kelly; Ewing, Reid; Knaap, Gerrit-Jan, & Song, Yan. "Quantitative Analysis of Urban Form: A Multi-Disciplinary Review," *Journal of Urbanism*, vol. 1(1), 2008. pp. 17-48. <http://dx.doi.org/10.1080/17549170801903496>
45. Ries, A.V.; Gittelsohn, J.G.; Voorhees, C.C.; Roche, K.; Clifton, K. & Astone, N. "The Environment and Urban Adolescents' Use of Recreational Facilities for Physical Activity: A

- Qualitative Study," *American Journal of Health Promotion*, 23(1), 2008. pp. 43-50. <http://dx.doi.org/10.4278/ajhp.07043042>
46. Clifton, Kelly J. & Kreamer-Fults, Kandice. "An Examination of the Environmental Attributes Associated with Pedestrian Vehicular Crashes near Public Schools," *Accident Analysis & Prevention*, 39(4), 2007. pp. 708-715. <http://dx.doi.org/10.1016/j.aap.2006.11.003>
  47. Clifton, Kelly J., Livi Smith, Andrea D., & Rodriguez, Daniel. "The Development and Testing of an Audit for the Pedestrian Environment," *Journal of Landscape & Urban Planning*, 80(1-2), 2007. pp. 95-110. <http://dx.doi.org/10.1016/j.landurbplan.2006.06.008>
  48. Targa, Felipe; Clifton, Kelly J. & Mahmassani, Hani S. "Influence of Transportation Access on Individual Firm Location Decisions," *Transportation Research Record: Journal of the Transportation Research Board*, No. 1977, Transportation Research Board of the National Academies, Washington, D.C., 2006. pp. 179-189. <http://dx.doi.org/10.3141/1977-23>
  49. Targa, Felipe & Clifton, Kelly J. "The Built Environment and Trip Generation for Non-Motorized Travel: Evidence from Baltimore City Using the National Household Travel Survey," *Journal of Transportation & Statistics*, vol. 8(3), 2005. pp. 55-70.
  50. Scuderi, Marco & Clifton, Kelly J. (corresponding author). "Bayesian Approaches to Learning from Data: Using NHTS Data for the Analysis of Land Use and Transportation," *Journal of Transportation & Statistics*, vol. 8(3), 2005. pp. 25-40.
  51. Targa, F; Clifton, KJ & Mahmassani, HS. "Economic Activity and Transportation Access: An Econometric Analysis of Business Spatial Patterns," *Transportation Research Record: Journal of the Transportation Research Board*, No. 1932, Transportation Research Board of the National Academies, Washington, D.C., 2005. pp. 61-71. <http://dx.doi.org/10.3141/1932-08>
  52. Clifton, K. "Mobility Strategies and Food Shopping for Low-Income Families: A Case Study," *Journal of Planning Education & Research*, 23(4), 2004. pp. 402-413. <http://dx.doi.org/10.1177/0739456X04264919>
  53. Clifton, Kelly J. "Independent Mobility Among Teenagers: An Exploration of Travel to After-School Activities," *Transportation Research Record: Journal of the Transportation Research Board*, No. 1854, Transportation Research Board of the National Academies, Washington, D.C., 2003. pp. 74-80. <http://dx.doi.org/10.3141/1854-08>
  54. Handy, Susan L. & Clifton, Kelly. "Evaluating Neighborhood Accessibility: Possibilities and Practicalities," *Journal of Transportation & Statistics*, 4(2/3), 2002. pp. 67-78.
  55. Handy, Susan L. & Clifton, Kelly. "Local Shopping as a Strategy for Reducing Automobile Travel" *Transportation*, vol. 28, 2001. pp. 317-346. <http://dx.doi.org/10.1016/j.tra.2005.02.009>
  56. Rosenbloom, Sandra & Clifton, Kelly. "The Puzzle of Income, Race, and Density: Preliminary Evidence on Transit Use from the 1991 American Housing Survey," *Journal of Public Transportation*, 1(1), 1996. pp. 87-102.

### Refereed Conference Proceedings

1. Clifton, KJ and Carrasco, JA. "Workshop Synthesis: Measuring attitudes and perceptions in quantitative surveys" *Transportation Research Procedia*, forthcoming.
2. Howell, A.; Currans, K.; Norton, G.; and Clifton, K. "Informing the Transportation Impacts of Affordable Housing with Trip Generation Analysis Using Travel Survey Data", *Proceedings of the 97th Annual Meeting of the Transportation Research Board*, Washington, DC. January 7-11, 2018.
3. Orrego Onate, J., Singleton, P; Totten, J.; Schneider, R.; and Clifton, K. "Density Differences: Exploring Built Environment Relationships with Walking Between and Within Metropolitan

- Areas", *Proceedings of the 97th Annual Meeting of the Transportation Research Board*, Washington, DC. January 7-11, 2018.
4. Gehrke, S., Currans, K. and Clifton, K. "Understanding Stated Neighborhood Preferences: The Roles of Life-Cycle Stage, Mobility Style, and Lifestyle Aspirations", *Proceedings of the 97th Annual Meeting of the Transportation Research Board*, Washington, DC. January 7-11, 2018.
  5. Currans, K. and Clifton, K. "Exploring ITE's Trip Generation Handbook: Assessing Age of Data and Land Use Taxonomy in Vehicle Trip Generation for Transportation Impact Analyses", *Proceedings of the 97th Annual Meeting of the Transportation Research Board*, Washington, DC. January 7-11, 2018.
  6. Singleton, P; Totten, J; Orrego, J.; Schneider, R; and Clifton, K. "Making Strides: State of the Practice of Pedestrian Forecasting in Regional Travel Models", *Proceedings of the 97th Annual Meeting of the Transportation Research Board*, Washington, DC. January 7-11, 2018.
  7. Felix, R; Moura, F.; and Clifton, K. "Typologies of Urban Cyclists: A Review of Market Segmentation Methods for Planning Practice", *Proceedings of the 96th Annual Meeting of the Transportation Research Board*, Washington, DC. January 8-12, 2017.
  8. Clifton, KJ and Moura, F. "Conceptual Framework for Understanding Latent Demand: Accounting for Unrealized Activities and Travel", *Proceedings of the 96th Annual Meeting of the Transportation Research Board*, Washington, DC. January 8-12, 2017.
  9. Blanc, B; Figliozzi, M; & Clifton, KJ. "How Representative of Bicycling Populations Are Smartphone Application Surveys of Travel Behavior?" *Proceedings of the 95th Annual Meeting of the Transportation Research Board*, Washington, DC, Jan. 10-14, 2016.
  10. Currans, K; Gehrke, S & Clifton K. "Visualizing The Housing, Accessibility, and Transportation Characteristics of a Neighborhood in A Stated Preference Survey: A Pilot Study," *Proceedings of the 94th Annual Meeting of the Transportation Research Board*, Washington, DC, January 11-15, 2015.
  11. Gehrke, S & Clifton, K. "Toward a Spatial-Temporal Measure of Land Use Mix," *Proceedings of the 94th Annual Meeting of the Transportation Research Board*, Washington, DC, January 11-15, 2015.
  12. Singleton, P & Clifton, K. "Incorporating Public Health in U.S. Long-Range Metropolitan Transportation Planning: Connecting Guidance Statements, Performance Measures, and Travel Model Capabilities," *Proceedings of the 94th Annual Meeting of the Transportation Research Board*, Washington, DC, January 11-15, 2015.
  13. Singleton, P & Clifton, K. "Theory of Travel Decision Making: Conceptual Framework of Active Travel Behavior," *Proceedings of the 94th Annual Meeting of the Transportation Research Board*, Washington, DC, January 11-15, 2015.
  14. Foster, N; Monsere, C; Dill, J & Clifton, K. "Level-of-Service Model for Protected Bike Lanes," *Proceedings of the 94th Annual Meeting of the Transportation Research Board*, Washington, DC, January 11-15, 2015.
  15. Singleton, P. A., Muhs, C. D., Schneider, R. J., & Clifton, K. J. "Representing Walking Activity in Trip-Based Travel Demand Forecasting Models: A Proposed Framework," *Proceedings of the 93rd Annual Meeting of the Transportation Research Board*, 2014.
  16. Muhs, C. D., & Clifton, K. J. "Bicycling is Different: Built Environment Relationships to Non-Work Travel," *Proceedings of the 93rd Annual Meeting of the Transportation Research Board*, 2014.
  17. Singleton, P. A., Schneider, R. J., Muhs, C. D., & Clifton, K. J. (2014). "The Pedestrian Index of the Environment (PIE): Representing the Walking Environment in Planning Applications," *Proceedings of the 93rd Annual Meeting of the Transportation Research Board*, 2014.



18. Singleton, P. A., & Clifton, K. J. "Exploring Synergy in Bicycle and Transit Use: Empirical Evidence at Two Scales," *Proceedings of the 93rd Annual Meeting of the Transportation Research Board*, 2014.
19. Gehrke, Steven R. & Clifton, Kelly, J. "Operationalizing Land Use Diversity at Varying Geographic Scales and Its Connection to Nonmotorized Mode Choice: Evidence from Portland, Oregon," *Proceedings of the 93rd Annual Meeting of the Transportation Research Board*, 2014.
20. Gehrke, S.R., Currans, K.M. & Clifton, K.J. "The Impact of Residential Location Decisions on Miles Traveled, Trip Frequency, and Automobile Ownership for Households in the Portland Metropolitan Region." *Proceedings of Transportation Research Board 93rd Annual Meeting*, 2014.
21. Singleton, Patrick & Clifton, Kelly J. "Pedestrians in Regional Travel Demand Forecasting Models: State of the Practice," *Proceedings of the 92nd Annual Meeting of the Transportation Research Board*, 2013.
22. Clifton, Kelly J.; Bronstein, Sarah; & Morrissey, Sara. "The Adoption of Complete Streets Policies in Transportation-Disadvantaged Communities: Lessons from U.S. Case Studies," *Proceedings of the 92nd Annual Meeting of the Transportation Research Board*, 2013.
23. Clifton, Kelly J.; Currans, Kristina Marie; Muhs, Christopher; Ritter, Chloe; Morrissey, Sara; & Roughton, Collin. "Consumer Behavior and Travel Choices: A Focus on Cyclists & Pedestrians," *Proceedings of the 92nd Annual Meeting of the Transportation Research Board*, 2013.
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2. Clifton, Kelly J. Review of: *Changing Lanes: Visions and Histories of Urban Freeways*, by Joseph F.C. Dimento & Cliff Ellis, MIT Press, 2012. *Journal of Planning Education & Research*. Vol 36, Issue 3, pp. 377 – 378, 2016. [10.1177/0739456X16647452](https://doi.org/10.1177/0739456X16647452)
3. Clifton, Kelly J. Review of: *The Geography of Urban Transportation*, by Susan Hanson & Genevieve Giuliano, editors, Third Edition, The Guilford Press, 2004. Review in *Journal of the American Planning Association*, 71(4), 2005.

### **Published Reports and Professional Papers**

1. Clifton, Kelly, J.; Orrego-Onate, Jaime; Singleton, Patrick; and Schneider, Robert. (forthcoming) Transferability and forecasting of the Pedestrian Index of the Environment (PIE) for modeling applications. Prepared for the National Institute for Transportation and Communities.

2. Clifton, Kelly J.; Currans, Kristina; Schneider, Robert; and Handy, Susan (2018) Affordable housing trip generation strategies and rates, prepared for California Department of Transportation (Caltrans)
3. Clifton, Kelly J.; Gehrke, Steven R.; Currans, Kristina. Improving Trip Generation Methods for Livable Communities prepared for the National Institute for Transportation and Communities, (2017). (Available online at: <http://nitc.trec.pdx.edu/research/project/757/>)
4. Bochner, Brian S.; Currans, Kristina M.; Dock, Stephanie P.; Clifton, Kelly J.; Gibson, Patrick A.; Hardy, Daniel K.; Hooper, Kevin, G.; Kim, Lee-Jung; McCourt, Ransford, S.; Samdahl, Donald R.; Sokolow, Gary, H.; Tierney, Lisa F. Advances in Urban Trip Generation Estimation. *Institute of Transportation Engineer's Journal*, (2016).
5. Institute of Transportation Engineer's Expert Panel on Urban Trip Generation. Urban and Person Trip Generation. White Paper published by *Institute of Transportation Engineers*, (2016).
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10. Clifton, Kelly J.; Harris, Ashley; Currans, Kristina; Wagner, Zef. "A Multimodal Framework for the Transportation Planning Rule Process," Report prepared for the Oregon Department of Transportation, July 2013.
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12. Clifton, K. J., Singleton, P. A., Muhs, C. D., Schneider, R. J., & Lagerwey, P. "Improving the Representation of the Pedestrian Environment in Travel Demand Models: Phase I Report," Oregon

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27. Handy, Susan; Clifton, Kelly, & Fisher, Janice. "The Effectiveness of Land Use Policies as a Strategy for Reducing Automobile Dependence: A Study of Austin Neighborhoods," Research Report SWUTC/98/467501-1, Southwest Region University Transportation Center, The University of Texas at Austin, 1998.

### Scholarly Works in Progress

1. Singleton, P. A., & Clifton, K. J. Exploring the positive utility of travel through theory and simulation, *under review*.
2. Singleton, P. A., & Clifton, K. J. The theory of travel decision-making: A conceptual framework of active travel behavior, *under review*.

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### *Presentations*

#### Presentations at Professional Meetings & Conferences<sup>1</sup>

1. Orrego-Onate, J., Clifton, K., Singleton, S, and Schneider, R. "An exploration of the inter- and intra-regional relationships between the built environment and walking", 15<sup>th</sup> International Conference on Travel Behavior Research, Santa Barbara, CA, July 15-20, 2018.
2. Zhang, Q; Clifton, K.; Moeckel, R.; and Orrego-Onate, J. "Investigating an appropriate spatial resolution for large-scale pedestrian demand models", mobil.TUM 2018, Munich, Germany, June 13-14, 2018.
3. Clifton, K. "Planning for pedestrians in an automated and connected future", Institute for Advanced Studies General Assembly, Technical University of Munich, Germany, June 5-6, 2018.
4. Clifton, K. "The mobility-enhancing potential of automated vehicles: The perspective of latent travel demand", National Urbanism Next Conference, Portland, OR, March 5-7, 2018.
5. Clifton, K. "Future Trends in Transportation That Could Impact Air Quality Policy and Regulations", Workshop: Implications of Technological and Societal Changes for Air Quality Policy and Regulations: Are Our Analysis Tools Adequate? *Presented at the 97th Annual Meeting of the Transportation Research Board*, Washington, DC. January 7-11, 2018.
6. Singleton, P. and Clifton, K. "Towards measures of the positive utility of travel and related concepts", presented at the 11<sup>th</sup> International Conference on Travel Survey Methods, Esterel, Quebec, Canada, September 24-29, 2017.
7. Currans, K.; Hurtubia R; van Eggermond, M; Erath, A; and Kelly Clifton. "Using Imagery in Stated Preference Surveys: Lessons Learned from a Review of the Practice"
8. Howell, A; Currans, K; and Clifton, K. "Evaluating the transportation impacts of affordable housing: Informing development review with travel behavior analysis." Presented at the World Symposium on Transport and Land Use Research (WSTLUR), Brisbane, Australia, July 3-6, 2017.
9. Singleton, P. A., Clifton K. J., Totten, J., & Orrego, J. "Assessing the transferability of the Pedestrian Index of the Environment (PIE) walkability measure for pedestrian modeling".

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<sup>1</sup> Excluding those listed in Conference Proceedings above

- Presented at the 16th Transportation Research Board National Transportation Planning Applications Conference, Raleigh, NC, May 2017.
10. Lefebvre-Ropars, G., Morency, C., Singleton, P. A., & Clifton, K. J. "Assessing the spatial transferability of the Pedestrian Index of the Environment (PIE)", Presented at the 96th Annual Meeting of the Transportation Research Board, Washington, DC, January 8-12, 2017.
  11. S.R. Gehrke, & K.J. Clifton. "An activity-related land use mix construct and its connection to pedestrian travel", Lectern presentation at Transportation Research Board's 95th Annual Meeting, Washington, District of Columbia, Jan. 8-12, 2017.
  12. S.R. Gehrke, & K.J. Clifton. "A pathway linking smart growth neighborhoods to household-level pedestrian travel", Lectern presentation at Transportation Research Board's 95th Annual Meeting, Washington, District of Columbia, Jan. 8-12, 2017.
  13. Currans, Kristina M.; Clifton, Kelly J. "Contextual Effects On Overall Activity at Food Retail Establishments in Portland, Oregon: A Count-Based Multilevel Model of Repeated Transaction Count Measures to Improve Transportation Impact Analyses", Poster presentation at the 96th Annual Meeting of the Transportation Research Board of the National Academies in Washington, D.C. (2017).
  14. Clifton, Kelly J.; Currans, Kristina M. "A Sustainable Multimodal Planning Framework for Transportation Impact Analysis", Poster presentation at the 96th Annual Meeting of the Transportation Research Board of the National Academies in Washington, D.C. (2017).
  15. Currans, Kristina M. (moderator); Clifton, Kelly J.; Larco, Nico; Bell, Adrian. "Next Urbanism: Livable Communities in a World with Driverless Vehicles", Roundtable discussion at the Pro-Walk/Pro-Bike/Pro-Place Conference in Vancouver, BC, Canada. September 15, 2016.
  16. Currans, Kristina M.; Clifton, Kelly J.; Larco, Nico. "Improving Multimodal Transportation Impact Methods for Livable Communities", Lectern presentation at the Pro-Walk/Pro-Bike/Pro-Place Conference in Vancouver, B.C., Canada. September 15, 2016.
  17. Singleton, P. A., Clifton, K. J., Muhs, C. D., & Schneider, R. J. Understanding walking behavior: The choice to walk and the choice of destination. Presented at the Pro Walk/Pro Bike/Pro Place Conference, Vancouver, BC, September 15, 2016.
  18. Clifton, Kelly J., Currans, Kristina M. and de Abreu e Silva, João. "Dissonance in revealed & stated preferences for neighborhoods: Implications for travel", presented at XIX Pan-American Conference of Traffic, Transportation Engineering and Logistics (PANAM), Mexico City, Mexico, September 28-30, 2016.
  19. Clifton, Kelly J. Progressive but Practical: Maturing Transportation Impact Analysis, Institute for Transportation Engineers Annual Meeting and Exhibit, Anaheim, CA, August 14-17, 2016.
  20. Moura, Filipe; Andrade, Inês; Clifton, Kelly J. "Mobility Service Companies (MOSCO): mediating the urban mobility of citizens", Presented at the 22nd International Sustainable Development Research Society Conference, School of Science and Technology, Universidade Nova de Lisboa, Lisbon, Portugal, 13 - 15 July 2016.
  21. Singleton, Patrick and Clifton, Kelly. "A Review of Health Integration into US Metropolitan Long-Range Transportation Plans", presented at 12<sup>th</sup> International Symposium on Urban Planning and Environment, Lisbon, Portugal, May 31-June 3, 2016
  22. Singleton, P. A., & Clifton, K. J. "Exploring the positive utility of travel through theory and simulation," Presented at the 95th Annual Meeting of the Transportation Research Board, Washington, DC, Jan. 10-14, 2016.

23. Clifton, K. J., Singleton, P. A., Muhs, C. D., & Schneider, R. J. "Development of destination choice models for pedestrian travel," Presented at the 95th Annual Meeting of the Transportation Research Board, Washington, DC, Jan. 10-14, 2016.
24. Gehrke, S.R., Currans, K.M. & Clifton, K.J. "The importance of housing, accessibility, and transport characteristic ratings on stated neighborhood preference," Presented at the 95th Annual Meeting of the Transportation Research Board, Washington, DC, Jan. 10-14, 2016.
25. Gehrke, S.R. & Clifton, K.J. "An activity-based approach to measuring the effect of land use mixing on pedestrian travel," presented at North American Meetings of the Regional Science Association International, Portland, Oregon, Nov.11-14, 2015.
26. Singleton, P. A., & Clifton, K. J. "Exploring the positive utility of travel through theory & simulation," presented at North American Meetings of the Regional Science Association International, Portland, Oregon, Nov.11-14, 2015.
27. Gehrke, S.R & Clifton, K.J. "An activity-based approach to measuring the effect of land use mixing on pedestrian travel," presented at Association of Collegiate Schools of Planning Annual Conference, Houston, Texas, Oct. 22-25, 2015.
28. Singleton, P. A., & Clifton, K. J. "Exploring the positive utility of travel through theory & simulation," presented at Association of Collegiate Schools of Planning Annual Conference, Houston, Texas, Oct. 22-25, 2015.
29. Singleton, P. A., Clifton, K. J., Muhs, C. D., & Schneider, R. J. "Development of destination choice models for pedestrian travel," presented at the 1st Annual Transportation & Communities Summit, Portland, OR; Sept. 15, 2015.
30. Clifton, K. J., Singleton, P. A., Muhs, C. D., & Schneider, R. J. "Development of destination choice models for pedestrian travel," presented at the 14th International Conference on Travel Behavior Research (IATBR), Windsor, UK; July 19-23, 2015.
31. Singleton, P. A., & Clifton, K. J. "Exploring the positive utility of travel through theory and simulation," Presented at the 14th International Conference on Travel Behavior Research (IATBR), Windsor, UK; July 19-23, 2015.
32. Gehrke, SR; Currans, KM and Clifton, KJ. "The importance of housing, accessibility, and transport characteristic ratings on stated neighbourhood preference" Presented at the 14th International Conference on Travel Behavior Research (IATBR), Windsor, UK; July 19-23, 2015.
33. Muhs, C. D., Singleton, P. A., Clifton, K. J., & Schneider, R. J. "Development of a pedestrian demand estimation tool: A destination choice model," presented at the 15th Transportation Research Board (TRB) National Transportation Planning Applications Conference, Atlantic City, NJ; May 17-21. 2015.
34. Singleton, P. A., Clifton, K. J., Muhs, C. D., & Schneider, R. J. "Changing the scope & scale of regional travel models to better estimate pedestrian activity: Applications for public health," presented at the Moving Active Transportation to Higher Ground Conference, Washington, DC. April 13-14, 2015.
35. Clifton, K.J. & Gehrke, S.R. "A conceptual framework & proof of concept for the geographic perturbation of household travel survey data," presented at the 10<sup>th</sup> International Conference on Travel Survey Methods, International Steering Committee on Travel Survey Conferences, Leura, Australia, November 16-21, 2014.
36. Dill, J; Clifton, K; Monsere, C; & McNeil, N. "Measuring & predicting behavior change in response to new cycle tracks," presented at the 10<sup>th</sup> International Conference on Travel Survey Methods, International Steering Committee on Travel Survey Conferences, Leura, Australia, November 16-21, 2014.



37. Clifton, K & Perez, P. Chairing "Workshop B5 - Built Environment & Contextual variables", presented at the 10<sup>th</sup> International Conference on Travel Survey Methods, International Steering Committee on Travel Survey Conferences, Leura, Australia, November 16-21, 2014.
38. Muhs, C & Clifton, K. "Built Environment Relationships to Non-Work Travel: Bicycling is Different," presented at the Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, PA, October 30-November 2, 2014.
39. Singleton, P. A., & Clifton, K. J. "The theory of travel decision-making: A conceptual framework of active travel behavior," presented at the Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, PA, October 30-November 2, 2014.
40. Gehrke, S.R. & Clifton K.J. "A Structural Equation Modeling Approach to Examine the Relationship Between Land Use Mix & Walking," presented at the Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, PA, October 30-November 2, 2014.
41. Singleton, P. A., & Clifton, K. J. "A theoretical framework of active travel decision-making," Presented at ProWalk Pro Bike Pro Place, Pittsburgh, PA, September 8-11, 2014.
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43. Singleton, P; Muhs, C; Clifton, K & Schneider, R. "MoPeD: A Model of Pedestrian Demand for Travel Demand Forecasting Models," Presented at ProWalk Pro Bike Pro Place, Pittsburgh, PA, September 8-11, 2014.
44. Clifton, K. "The Great Trip Rate Debate," the 6<sup>th</sup> Annual Oregon Transportation Summit, Portland, OR, September 10, 2014.
45. Singleton, P. A., & Clifton, K. J. "Incorporating public health in US long-range transportation planning: Connecting guidance statements, performance measures, & travel model capabilities," Presented at the 6<sup>th</sup> Annual Oregon Transportation Summit, Portland, OR, September 10, 2014.
46. Gehrke, S.R. & K.J. Clifton, K.J. Toward a spatial-temporal measure of land use mix. Poster Presentation at Oregon Transportation Summit, Portland, Oregon, Sept. 15, 2014.
47. Clifton, K. "How Transportation Research Informs EcoCity Planning: Lessons from a US Context," International Academic Exchange Conference, Chengdu Institute of Planning & Design, Chengdu, China, August 11-13, 2014.
48. Clifton, K. "Pedestrian Audit Tools," International Academic Exchange Conference, Chengdu Institute of Planning & Design, Chengdu, China, August 11-13, 2014.
49. Muhs, C & Clifton, K. "Do characteristics of walkable environments support bicycling? Towards a definition of bicycle-supported development," presented at the World Symposium on Transport & Land Use Research, Delft, the Netherlands, June 24-27, 2014.
50. Gehrke, S & Clifton, K. "Towards a spatial-temporal measure of land use mix," Presented at the World Symposium on Transport & Land Use Research, Delft, the Netherlands, June 24-27, 2014.
51. Currans, K. & Clifton, K. "Improving Vehicle Trip Generation Estimations for Urban Contexts: A Method Using Household Travel Surveys to Adjust ITE Trip Generation Rates," Presented at Transportation Research Board Innovations in Travel Modeling, Baltimore, MD, April 27-30, 2014.
52. Singleton, P; Muhs, C; Schneider, R & Clifton, K. "Introducing MoPeD 2.0: A Model of Pedestrian Demand, Integrated with Trip-Based Travel Demand Forecasting Models,"

- Presented at Transportation Research Board Innovations in Travel Modeling, Baltimore, MD, April 27-30, 2014.
53. Currans, Kristina M.; Clifton, Kelly J. "Improving Vehicle Trip Generation Estimations for Urban Contexts: A Method Using Household Travel Surveys to Adjust ITE Trip Generation Rates." Presented at the 93rd Annual Meeting of the Transportation Research Board, Washington, DC, January 12-16, 2014.
  54. Clifton, K. J., P. A. Singleton, C. D. Muhs, & R. J. Schneider. "Pedestrian Planning Tools for Use in Travel Demand Modeling," Presented at the Association of Metropolitan Planning Organizations (AMPO) Annual Conference, Portland, Oregon, October 2013.
  55. Clifton, K. J., P. A. Singleton, C. D. Muhs, & R. J. Schneider. "Pedestrian Planning Tools for Use in Travel Demand Modeling," Presented at the Oregon Modeling Steering Committee, Modeling Program Coordination Subcommittee Meeting, Salem, Oregon, October 2013.
  56. Muhs, Christopher D., & Clifton, Kelly J. "Variability in Grocery Shopping Behavior: Preliminary Investigation of a Portland, Oregon Study," Presentation at the Oregon Transportation Summit, Portland, OR, September 16, 2013.
  57. Gehrke, Steven R.; Currans, Kristina M.; Liu, Jenny H.; Clifton, Kelly J. "Modeling the Travel Outcomes of Residents in the Portland Metropolitan Region in Regard to Residential Location Decisions." 53rd Annual Conference of the Association of Collegiate Schools of Planning. Dublin, Ireland, July 18, 2013.
  58. Clifton, K. J., P. A. Singleton, C. D. Muhs, & R. J. Schneider. Pedestrian Planning Tools for Use in Travel Demand Modeling. Presented at the Joint Association of European Schools of Planning / Association of Collegiate Schools of Planning (AESOP/ACSP) Congress, Dublin, Ireland, July 2013.
  59. Currans, Kristina M.; Clifton, Kelly J.; Muhs, Christopher D.; & Morrissey, Tomás. "Consumer Behavior & Travel Choices," Presentation at the Bicycle Urbanism Symposium, Hosted by the College of the Built Environment at University of Washington, Seattle, Washington, June 20, 2013.
  60. Singleton, P. A., & K. J. Clifton. Exploring the Synergy Between Bicycle & Transit Use: Empirical Evidence & Future Opportunities. Presented at the International Bicycle Urbanism Symposium, Hosted by the College of the Built Environment at University of Washington, Seattle, Washington, June 20, 2013
  61. Muhs, Christopher D.; Clifton, Kelly J.; Morrissey, Tomás; & Currans, Kristina M. "Establishment-level & Individual-level Perspectives in the Portland Metropolitan Area," Presentation at the Bicycle Urbanism Symposium Hosted by the College of the Built Environment at University of Washington, Seattle, Washington, June 20, 2013.
  62. Chen, R. B., Gehrke, S. R., Jang, Y., Liu, J., Clifton, K. J. "Exploring Residential Tenure & Housing Type Decisions & Household Activity Engagement," Presented at the 92nd Annual Meeting of the Transportation Research Board, Washington, D.C. January 15, 2013.
  63. Clifton, Kelly J., Currans, Kristina M.; & Muhs, Christopher D. "Evolving the Institute for Transportation Engineers' (ITE) Trip Generation Handbook: A Proposal for Collecting Multi-modal, Multi-context, Establishment-level Data," Presented at the 92nd Annual Meeting of the Transportation Research Board, Washington, D.C. January 15, 2013.
  64. Clifton, Kelly J., Muhs, Christopher D.; Currans, Kristina M.; Ritter, Chloe; Morrissey, Sara; & Roughton, Collin. "Consumer Behavior & Travel Choices: A Focus on Cyclists & Pedestrians," presentation at the 92nd Annual Meeting of the Transportation Research Board, Washington, D.C. January 16, 2013.

65. Clifton, Kelly J. "New Approaches to Estimating Trip Generation", presented at the 53<sup>rd</sup> Annual Conference of the Association of Collegiate Schools of Planning, Cincinnati, OH, Nov. 1-4, 2012.
66. Muhs, Christopher D & Clifton, Kelly J. "Capturing & Representing Multi-Modal Trips in Travel Surveys: A Review of the Practice", presented at the 53<sup>rd</sup> Annual Conference of the Association of Collegiate Schools of Planning, Cincinnati, OH, Nov. 1-4, 2012.
67. Singleton, Patrick & Clifton, Kelly J. "Pedestrians in Regional Travel Demand Forecasting Models: State of the Practice", presented at the 53<sup>rd</sup> Annual Conference of the Association of Collegiate Schools of Planning, Cincinnati, OH, Nov. 1-4, 2012.
68. Currans, Kristina M; Muhs, Christopher D.; Clifton, Kelly J. "Adjusting ITE's Trip Generation Handbook for Urban Context," presented at the Oregon Transportation Summit, Portland, Oregon, September 10, 2012.
69. Singleton, P. A., & K. J. Clifton, "Pedestrians in Regional Travel Demand Forecasting Models: State-of-the-Practice," Presented at the Oregon Transportation Summit, Portland, Oregon, September 10, 2012.
70. Muhs, C., Clifton, K., Currans, K., Morrissey, S., Ritter, C., Cutter, A., Lim, M. "Handheld Tablet Technology in an Establishment Intercept Travel Survey." Presented at the Western Institute of Transportation Engineers conference, Santa Barbara, CA, Jun. 24-27, 2012.
71. Clifton, Kelly J.; Muhs, Christopher & Lawton, Keith T. "Capturing & Representing Multimodal Trips in Travel Surveys: A Review of the Practice," Presented at the 9<sup>th</sup> International Conference on Travel Survey Methods, Puyehue, Chile, Nov. 14-18, 2011.
72. Currans, Kristina; Clifton, Kelly; & Cutter. "Trip Generation in Multimodal Contexts: A Comparison of Approaches," Presented at the 52<sup>nd</sup> Annual Conference of the Association of Collegiate Schools of Planning, Salt Lake City, UT; October 13-16, 2011.
73. Clifton, Kelly J. "Representing Weather in Travel Behaviour Studies: A Case Study from Sydney, Australia," Presented at Australasian Transport Research Forum 2011, Adelaide, Australia, Sept. 28-30, 2011.
74. Currans, Kristina; Clifton, Kelly; & Cutter. "Trip Generation in Multi-modal Contexts: A Comparison of Alternative Approaches in Portland, OR," Institute of Transportation Engineers Western District Annual Meeting, Anchorage, AK, Jul. 10-13, 2011.
75. Clifton, Kelly J. "Principles of Qualitative Research," Presented at the Annual Meeting of the Transportation Research Board, Washington, DC, Jan. 23-27, 2011.
76. Clifton, Kelly J & Cutter. "Rainy Days & Mondays Always Make Me Drive? An Examination of Weather & The Use of Active Modes," Presented at the 51<sup>st</sup> Annual Conference of the Association of Collegiate Schools of Planning, Minneapolis, MN, Oct. 7-10, 2010.
77. Bates, Lisa K. & Clifton, Kelly J. "Livability Leadership at The Federal Level: How Can Existing Institutional Structures Work Together?," Presented at the 51<sup>st</sup> Annual Conference of the Association of Collegiate Schools of Planning, Minneapolis, MN, Oct. 7-10, 2010.
78. Kaza, N; Knaap, G, & Clifton, K. "Economic Scenarios & Development Patterns in the Baltimore-Washington Region." Presented at the Annual Meeting of the Association of the Collegiate Schools of Planning, Crystal City, VA. Oct. 1-4, 2009.
79. Burnier, C & Clifton, K. "Children's Vehicle Hours Traveled: Is Car Time, Family Time?," Presented at the Annual Meeting of the Association of the Collegiate Schools of Planning, Crystal City, VA. Oct. 1-4, 2009.
80. Clifton, Kelly J.; Akar, Gulsah; Doherty, Sean T.; Yan, Alice Fang; & Voorhees, Carolyn. "Adolescent Travel to School: Exploring the Links with Physical Activity & Health," Presented at the Active Living Research Conference, San Diego, CA, Feb. 18-20, 2009.

81. Voorhees CC, Yan F, Clifton K, Wang MQ. "Neighborhood Built Environment & Physical Activity in Urban Adolescents – Evaluating a Structural Model of Walking Behavior & Physical Activity," Presented at the 30th Annual American Public Policy Analysis & Management Conference, Los Angeles, CA, Nov. 6-8, 2008.
82. Voorhees CC, Yan F, Clifton K, Wang MQ. "How does Neighborhood Built Environment Influence Physical Activity in Urban Youth? Evaluating a Structural Model of Walking Behavior Pathways among African American Adolescents," Presented at American Public Health Association Meeting, San Diego, CA, Oct. 28, 2008.
83. Clifton, KJ; Burnier, CV; Huang, S.; Kang, MW, & Schneider, R. "A Meso-Scale Model of Pedestrian Demand," Presented at the 4th Joint Meeting of the Association of Collegiate Schools of Planning & the Association of European Schools of Planning, Chicago, IL, Jul. 6-11, 2008.
84. Liu, C. & Clifton, KJ. "Parking & Walking Mode Choice," Presented at the 4th Joint Meeting of the Association of Collegiate Schools of Planning & the Association of European Schools of Planning, Chicago, IL, Jul. 6-11, 2008.
85. Clifton, Kelly J. & Smith, Andréa L. "Spatial Sampling Schemes for Pedestrian Environmental Data: Efficient & Precise Administration of an Audit," Presented at the Annual Meeting of the Association of Collegiate Schools of Planning, Milwaukee, WI, Oct. 18-21, 2007.
86. G. Akar, K. J. Clifton, & S. Doherty. "Influence of Time-Use Decisions on Physical Activity Patterns," International Association of Time Use Research Conference (IATUR), Washington, D.C., Oct. 17-19, 2007.
87. Akar, Gulsah; Clifton, Kelly J.; & Doherty, Sean. "An Analysis of In-home & Out-of-Home Activities & the Influence of Activity Attributes in Activity Location Choice," Presented at the World Conference on Transport Research, Berkeley, CA, Jun. 24-28, 2007.
88. Livi Smith, Andrea; Clifton, Kelly J. & Rodriguez, Daniel. "The Influence of Perceptions on the Relationship between Physical Activity & Neighborhood Environment," Active Living Research Conference, San Diego, CA, Feb. 21-24, 2007.
89. Clifton, K. "Pedestrian Environmental Data Scan (PEDS)," Active Living Research sponsored session, Annual Conference of the Environmental Design Research Association, Atlanta, GA, May 2006.
90. Clifton, K. "Pedestrian Demand, the Built Environment, & Safety Analysis in Maryland," Presented at New Dimensions in Pedestrian & Bicycle Crashes in Minnesota, University of Minnesota, Minneapolis, MN, Apr. 2006.
91. Livi-Smith, Andrea & Clifton, Kelly J. "The Relationship between Neighborhood Environment & Walking Behavior: The Influence of Perceptions," Presented at the Annual Meeting of the Association of Collegiate Schools of Planning, Ft. Worth, TX, Nov. 9-12, 2006.
92. Clifton, Kelly J. & Burnier, Carolina. "The Built Environment & Local Trips: A Joint Model of Destination & Mode Choice," Presented at the Annual Meeting of the Association of Collegiate Schools of Planning, Ft. Worth, TX, Nov. 9-12, 2006.
93. Clifton, Kelly J., Akar, Gulsah, & Doherty, Sean T. "The Influence of Personal & Activity Attributes on Activity Location Choices: In-home or Out-of-home?," Presented at the Annual Meeting of the Association of Collegiate Schools of Planning, Ft. Worth, TX, Nov. 9-12, 2006.
94. Clifton, KJ & Livi Smith, AD. "The Relationship Between Neighborhood Environment & Walking Behavior: The Mediating Influence of Perceptions," Presented at the International Association of Travel Behavior Researchers, Kyoto, Japan, Aug. 16-22, 2006.

95. Clifton, KJ, Akar, G, & Doherty, ST. "An Analysis of In-Home & Out-Of-Home Activities & The Influence of Activity Attributes in Activity Location Choice," Presented at the International Association of Travel Behavior Researchers, Kyoto, Japan, Aug. 16-22, 2006.
96. Zhang, Feng; Clifton, Kelly J.; Shen, Qing. "Reexamining ICT Impact on Travel Patterns: A Case Study of the Baltimore Metropolitan Area," Presented at the Symposium on Societies & Cities in the Age of Instant Access, University of Utah, Salt Lake City, Utah, Nov. 10 - 12, 2005.
97. Clifton, Kelly J. "Travel Model Education Roundtable," Presented at the Annual Meeting of the Association of Collegiate Schools of Planning, Kansas City, KS, Oct. 27-30, 2005.
98. Livi, Andrea, & Clifton, Kelly J. "Walking Activity & the Role of Subjective & Objective Measure of the Built Environment," Presented at the Annual Meeting of the Association of Collegiate Schools of Planning, Kansas City, KS, Oct. 27-30, 2005.
99. Burnier, Carolina, & Clifton, Kelly J. "Pedestrian-Vehicular Crashes: The Influence of Personal & Environmental Factors," Presented at the Annual Meeting of the Association of Collegiate Schools of Planning, Kansas City, KS, Oct. 27-30, 2005.
100. Zhang, Feng; Clifton, Kelly J.; Shen, Qing. "Reexamining ICT Impact on Travel Patterns: A Case Study Of The Baltimore Metropolitan Area," Presented at the Annual Meeting of the Association of Collegiate Schools of Planning, Kansas City, KS, Oct. 27-30, 2005.
101. Livi, Andrea; Clifton, Kelly J., & Rodriguez, Daniel. "Improving Environmental Audit Reliability: The Importance of Training Materials," Presented at Walking for Health, Measurement & Research Issues & Challenges, American College of Sports Medicine, Urbana-Champaign, IL, Oct. 13-15, 2005.
102. Targa, Felipe & Clifton, Kelly J. "The Built Environment & Trip Generation for Non-Motorized Travel," Presented at National Household Travel Survey Conference: Data for Understanding Our Nation's Travel, Washington, D.C., Nov. 1-2, 2004.
103. Clifton, Kelly J. & Krizek, Kevin J. "The Utility of the National Household Travel Survey for Understanding Bicycle & Pedestrian Travel," Presented at National Household Travel Survey Conference: Data for Understanding Our Nation's Travel, Washington, DC, Nov. 1-2, 2004.
104. Marco, Scuderi, & Clifton, Kelly J. "Bayesian Approaches to Learning from Data: Using NHTS Data for the Analysis of Land Use & Transportation," Presented at National Household Travel Survey Conference: Data for Understanding Our Nation's Travel, Washington, D.C., Nov. 1-2, 2004.
105. Clifton, Kelly J. & Livi, Andréa D. "The Development & Testing of an Audit for The Pedestrian Environment," Presented at the Annual Meeting of the Association of Collegiate Schools of Planning, Portland, OR, Oct. 21-24, 2004.
106. Clifton, Kelly J., Livi, Andréa D., Harrell, Rodney. "*Healthy Urban Design: Maryland's Smart Codes & The Pedestrian Environment*," Presented at Incentives, Regulations & Plans, Annapolis, MD, Sept./Oct. 2004.
107. Voorhees, CC; Clifton, KJ; Livi, A; Whitt, K, & Young, DR. "Influence of Travel Patterns & Community Environment On Daily Walking in Urban High School Girls," Presented at the Robert Wood Johnson Foundation Active Living Research Annual Meeting, Del Mar, CA. Jan. 29-31, 2004.
108. Clifton, Kelly J. "Examining Travel Choices of Low-income Populations: Issues, Methods, & New Approaches," Presented at the 10th International Conference on Travel Behaviour Research, Lucerne, Switzerland, Aug. 2003.

109. Clifton, Kelly J. "Mobility Enhancing Strategies & Welfare Reform: An Evaluation of a Car Ownership Program in Iowa," Presented at the Annual Meeting of the Association of Collegiate Schools of Planning, Baltimore, MD, Nov. 2002.
110. Clifton, Kelly J. "Non-work Travel Patterns of Low-income Households in Austin, TX," Presented at the Annual Meeting of the Transportation Research Board, Washington, DC, Jan. 2002.
111. Clifton, Kelly J. & Handy, Susan L. "Qualitative Methods in Transportation Research," Presented at the International Conference on Survey Quality & Innovation, Kruger National Park, South Africa, Aug. 2001.
112. Clifton, Kelly J. "Provisioning & Mobility Strategies of Low-income Households," Presented at the Annual Meeting of the Association of Collegiate Schools of Planning, Atlanta, GA, Nov. 2000.
113. Clifton, Kelly J. "Household Provisioning Trips & Trip Linking," Presented at the Journey to Work: UCLA Symposium on Welfare Reform & Transportation, University of California, Los Angeles, Apr. 6 -7, 2000.
114. Clifton, Kelly J. & Handy, Susan L. "Evaluating Neighborhood Accessibility: Issues & Methods Using Geographic Information Systems," Presented at the Annual Conference of the Association of Collegiate Schools of Planning, Pasadena, CA, Nov., 1998.
115. Handy Susan L. & Clifton, Kelly J. "Local Shopping Choices in Six Austin Neighborhoods," Presented at the Annual Meeting of the Association of Collegiate Schools of Planning, Ft. Lauderdale, FL, Nov. 1997.

### **Invited Talks, Webinars, & Workshops**

1. "Planning for pedestrians in an automated and connected future", Distinguished Transport Lecture Series 2018, Institute of Transport Studies, The University of Hong Kong, October 23, 2018. <https://www.hkuits.hku.hk/dtls-2018.html#d20181023>
2. "Trip generation data and methods for affordable housing developments", Planning Horizons Presentation and Webinar, Caltrans, Sacramento, CA, September 13, 2018.
3. "Planning for pedestrians in an automated and connected future", Technical University of Munich-Institute for Advanced Study General Assembly, Munich, Germany, June5-6, 2018.
4. "Assessing the transportation impacts of affordable housing: What can we learn from California", University of Arizona, April 30, 2018.
5. "The true story of women in STEM", panel discussion, Portland State University, February 15, 2018.
6. "A Framework For Incorporating Pedestrians into Integrated Land Use-Transport Models", Urban Planning and Transportation Research Symposium, Portland State University-Yokohama National University, February 9, 2018.
7. "A Framework for Integrating Pedestrians into Travel Demand Models", Intersections Seminar, University of Toronto, September 22, 2017.
8. "A Framework for Integrating Pedestrians into Travel Demand Models", Monash University, Department of Civil Engineering, Friday Seminar, July 14, 2017.
9. Leon, Christine; Clifton, Kelly J.; and Breiland, Kendra, "City of Portland: Transportation System Development Charges", Oregon Institute of Transportation Engineers Winter Workshop, Portland, OR, February 27, 2017.

10. "A framework for integrating pedestrians", presented at the Symposium for the Integration of Land-Use and Transport Models, Technical University of Munich Study and Science Center in Raitenhaslach, Germany, November 2 - 4, 2016.  
<https://www.msm.bgu.tum.de/symposium/>.
11. "Coordinating land development and transportation: New approaches for transportation impact studies" presented at the Urban Sustainability Accelerator, Portland, Oregon, September 21-22, 2016.
12. Clifton, Kelly J. and Currans, Kristina M. "Transforming transportation impact analysis: A new vision for coordinating transportation and land development", Transportation and Communities Summit, Portland, Oregon, September 8-9, 2016.
13. "Representing pedestrian activity in travel demand models: Framework & application," Royal Institute of Technology in Stockholm, Sweden, June 3, 2016.
14. "Representing pedestrian activity in travel demand models: Framework & application," University of Leeds, Leeds, UK, April 20, 2016
15. "Representing pedestrian activity in travel demand models: Framework & application," Pontificia Universidad Católica de Chile, Santiago, Chile, November 9, 2015
16. "Representing the built environment in surveys: A validation exercise," Pontificia Universidad Católica de Chile, Santiago, Chile, November 12, 2015.
17. "Development of a pedestrian demand estimation tool: A destination choice model," Muhs, C. D., Singleton, P. A., Clifton, K. J., & Schneider, R. J. Presented at the Portland State University (PSU) Transportation Research & Education Center (TREC) Transportation Seminar Series, Portland, OR. May 15, 2015. Retrieved from <http://trec.pdx.edu/events/archive>.
18. "The next generation of trip generation," Oregon Institute of Transportation Engineers Luncheon, April 2, 2015.
19. Round Table & Closing Plenary, 10<sup>th</sup> International Conference on Travel Survey Methods, International Steering Committee on Travel Survey Conferences, Leura, Australia, November 16-21, 2014.
20. "Do Local Businesses Cash in from Green Transportation?" Dan & Carole Burack President's Distinguished Lecture Series, University of Vermont, November 2014.
21. Let's Be Fearless: Big Ideas for Our Transportation Future, Transportation Research Education Consortium, Portland State University, October 27, 2014.
22. "Modeling Pedestrian Demand," China Railway Engineering Corporation, Chengdu, China, August 14, 2014.
23. "Pedestrians in Regional Travel Demand Forecasting Models: State-of-the-Practice,": with Patrick Singleton, Presented at the PSU Center for Transportation Studies Winter 2013 Transportation Seminar Series, Portland, Oregon, February 2013. Archived stream can be accessed at: <http://www.cts.pdx.edu/seminars/index.php>
24. "Consumer Behavior & Travel Choices", presented at the Portland State University Transportation Seminar, Portland, OR, February 15, 2013, Archived stream can be accessed at: <http://www.cts.pdx.edu/seminars/index.php>
25. "Consumer Behavior & Travel Choices: The Impacts of Cyclists," Lectern presentation to The Ohio State University. Columbus, Ohio. October 31, 2012.
26. "Consumer Behavior & Travel Choices: The Impact of Cyclists," Presented at the Portland Business Alliance, Portland, OR, Nov. 13, 2012.
27. "Consumer Behavior & Travel Choices: Examining the Links", Ohio State University, Oct. 31, 2012

28. "Pedestrian Streetscape Audits", US-China Sustainable Urban Development Symposium, University of Oregon, Eugene, OR, Oct. 4, 2012.
29. "Consumer Behavior & Travel Choices: The Impact of Cyclists," Presented at the PBOT Bicycle Brown Bag, Portland, OR, Sept. 2012.
30. "The Challenge of Integrating Transportation & Land Use: The Development of Analytical Tools", presented at: Chengdu Institute of Planning & Design, Chengdu, China, Aug. 24, 2012.
31. "The Challenge of Integrating Transportation & Land Use: The Development of Analytical Tools", presented at: The China Academy of Urban Planning & Design, Beijing, China, Aug. 22, 2012.
32. "Pedestrians & Bicyclists as Consumers: Connecting Travel Choices & Spending", Oregon Transportation Summit, Portland Oregon, Sept. 9, 2012.
33. "New Techniques in Data Collection," Presented at the Oregon Institute of Transportation Engineers Technical Workshop, Portland, OR, Feb. 2012.
34. "Development of Analytical Tools for Climate Change," Presented at the Oregon Transportation Summit, Portland, OR, Sept. 2011.
35. "Bridging the Gap in Transportation Planning & Engineering," University of Oregon Live Move, Nov. 2010.
36. "Where do we go from here? Changing the State of the Practice of Pedestrian Demand Modeling," Transportation Seminar Series, Portland State University, Feb. 2010.
37. "DC Builds: The Purple Line: A Rail Solution?," National Building Museum, Washington, DC, Jul. 2009.
38. "The Built Environment, Physical Activity & Health," Presented as part of The Principles & Practice of Cancer Prevention & Control Course, National Cancer Institute, National Institute of Health, Rockville, MD, Jul. 2009.
39. "Activity & Travel Choice Models - Extensions for Evaluating Energy Consumption, Institute for Transportation Studies," Weekly Seminar Series, University of California Davis, May 2009.
40. "Pedestrian Demand Estimation: Introduction to MoPeD (Model of Pedestrian Demand)," Department of City & Regional Planning & the Center for Urban & Regional Studies at the University of North Carolina at Chapel Hill, Mar. 2009.
41. "Activity & Travel Choice Models - Extensions for Evaluating Energy Consumption," Brownbag Seminar Series sponsored by the Carolina Transportation Program (CTP), Department of City & Regional Planning & the Center for Urban & Regional Studies at the University of North Carolina at Chapel Hill, Mar. 2009.
42. "Pedestrian Demand Estimation: Introduction to MoPeD (Model of Pedestrian Demand)," Washington Metropolitan Area Transit Authority, Mar. 2009.
43. "Roundtable on Walkable Communities," Healthy Communities Workshop, National Governor's Association, Philadelphia, PA, Apr. 2007.
44. "A Word or Two about Transportation," Mayors Institute on City Design, Washington, D.C., Nov. 15-17, 2006.
45. "A Meso-Scale Model of Pedestrian Demand," Presented at the Pedestrian & Bicycle Workshop, Washington Metropolitan Area Transit Authority, Washington, D.C., Jul. 2006.
46. "Roundtable on Handheld Devices for Pedestrian Data Collection," Active Living Research Conference, San Diego, CA, Feb. 2006.
47. "Walking & the Pedestrian Environment in Minority Communities: A Case Study in Maryland Communities," Presented at Harvard Civil Rights Project, Brookings Institution, Washington, D.C., Jan. 2005.



48. "Transportation & Public Health, an Overview," Smart Growth Leadership Program, Linthicum, MD, Nov. 2003.
49. "Response Paper to "The Implementation of Walking & Cycling Policies," STAR/STELLA Next Gen Colloquium, McGill University, Montreal, Canada, Mar. 2003.

*Sponsored Research Grants*

Year	Project Title	Sponsor	Role	Amount
2017-2018	Driver Demographics and Carbon Impacts Study	City of Portland, Institute for Sustainable Solutions	Co-PI	\$81,859
2016-2018	Transferability & Forecasting of the Pedestrian Index Environment (PIE) for Modeling Applications	National Institute for Transportation & Communities	PI	\$137,267
2015-2017	Incorporate Emerging Travel Modes in the Regional Strategic Planning Model (RSPM) Tool	National Institute for Transportation & Communities	Co-PI	\$127,217
2015-2016	Developing Transportation System Development Charges	Portland Bureau of Transportation	PI	\$25,029
2015-2018	Multimodal Trip Generation, Vehicle Ownership and Use: Characterizing the Travel Patterns of Residents of Multifamily Housing	National Institute for Transportation & Communities	PI	\$149,470
2015-2018	Affordable Housing Trip Generation Strategies & Rates	Caltrans	PI	\$400,000
2014-2015	Development of a Pedestrian Demand Estimation Tool	National Institute for Transportation & Communities	PI	\$121,276
2014-2015	Trip Generation Methodologies	National Institute for Transportation & Communities	PI	\$75,000
2013	Bike & Pedestrian Plan Update Quantitative Case Studies	Oregon Department of Transportation	PI	\$5,000
2013	Developing a Framework for Incorporating Mitigation Effectiveness into the Transportation Planning Rule Process	Oregon Department of Transportation	PI	\$56,050
2012-2014	Understanding Future Market Segments for Current & Future Residential & Travel Choices	National Institute for Transportation & Communities	PI	\$159,088

2012-2014	GreenLane Project	National Institute for Transportation & Communities	Co-PI	\$159,951
2011-2013	Wider Dissemination of Household Travel Survey Data Using Geographical Perturbation Methods	OTREC	PI	\$128,710
2011-2012	Understanding Residential Location Choices for Climate Change & Transportation Decision Making	Oregon Department of Transportation	PI	\$212,000
2011-2012	Improving the Representation of the Pedestrian Environment in Travel Demand Models	OTREC in Partnership with Metro	PI	\$255,376
2010-2012	The Oregon Modeling Collaborative	OTREC in Partnership with Oregon Department of Transportation	PI	\$475,650
2010-2011	Contextual Influences on Trip Generation	OTREC in Partnership with Metro	PI	\$311,960
2010-2011	The Economic Impacts of Cycling	OTREC in Partnership with Portland Development Commission, City of Portland, Bikes Belong & Travel Oregon	PI	\$296,736
2010-2011	Refining GreenSTEP	Oregon Department of Transportation	PI	\$37,558
2011	Study of Workforce Housing, Transportation & Employment Decisions: Implications for Siting Future Federal Facilities	US General Services Administration	PI	\$85,000
2010	Complete Streets Policies & Institutional Change: Lessons from U.S. Case Studies	Active Living Research	PI	\$15,000
2009	Modeling Car Ownership in Maryland	Center for Integrated Transport Systems Management, University of Maryland	PI (co-PI Cirillo):	\$170,000
2009	Transportation Research Policy Group	Maryland Department of Transportation & University of Maryland	PI	\$300,000
2009	Development of a Statewide Sketch Level Transportation Demand Model for Maryland	Maryland State Highway Administration, Maryland Department of Transportation	PI (co-PI Knaap):	\$887,779

2008	Evaluating Pedestrian Exposures in Maryland Communities	Maryland State Highway Administration, Maryland Department of Transportation	PI	\$100,000
2008	Adolescent Physical Activity in an Urban Environment	Active Living Research, Robert Wood Johnson Foundation	SR	\$450,000
2007	Determining Automobile Levels of Service in Transit Oriented Developments	Metropolitan Washington Council of Governments	PI	\$20,000
2007	Testing Associations between Physical Activity & the Built Environment	Active Living Research, Robert Wood Johnson Foundation	PI	\$101,660
2005	Pedestrian Safety Modeling: Forecasting Pedestrian Volumes	Maryland State Highway Administration, Maryland Department of Transportation	PI	\$90,000
2005	Smart Codes	Healthy People, Robert Wood Johnson Foundation	PI	\$150,000
2005	Minta Martin Award	Clark College of Engineering, University of Maryland	PI	\$50,000
2004	Modeling Pedestrian Route Choices: The Influence of Environmental Factors	Research Internships in Science & Engineering, NSF	PI	\$47,817
2004	Economic Impact of the Intercounty Connector	Maryland State Highway Administration, Maryland Department of Transportation	PI	\$298,580
2002	Activity Demands of Teenagers & Their Effect on Household Travel	Spelman Rockefeller Grant, Obermann Center for Advanced Studies, University of Iowa	PI	\$5,001

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### *Fellowships, Awards & Honors*

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- Hans Fischer Senior Fellowship, Technical University of Munich, 2017-2020.
- Faculty Enhancement Grant, Portland State University, 2015-2017
- Fulbright Scholar, Portugal, 2015-2016
- Researcher of the year, Oregon Transportation Research & Education Consortium, 2014.
- Weston Award for Pedestrian Research, Oregon Walks, 2014
- NSF Pan-American Advance Studies Institute, Toluca & Querétaro, Mexico, 2005
- STELLA/STAR (Sustainable Transport in Europe & Links & Liaisons with America/Sustainable Transportation Analysis & Research), Montreal, CA - 2003; Lisbon, Portugal - 2005.

- Outstanding Dissertation Award, School of Architecture, University of Texas at Austin, Austin, TX, 2001.
- Award of Excellence in Urban Policy Scholarship, Association of Collegiate Schools of Planning, US Department of Housing & Urban Development, 2000.
- Continuing Education Graduate Fellowship, University of Texas at Austin, \$15,000, 1999.
- Doctoral Dissertation Research Grant, US Department of Housing & Urban Development, \$15,000, 1999.
- Eisenhower Dissertation Research Fellowship, U.S. Department of Transportation, Federal Highways Administration, \$75,000, 1996 – 1999.

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### *Teaching, Mentoring, & Advising Outreach Achievements*

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#### **Portland State University, Graduate Courses**

- Transportation & Health
- Travel Data Survey Analysis
- Transportation Research & Practice
- Transportation & Land Use
- Theories & Methods of Travel Behavior

#### **Portland State University, Undergraduate**

- Applied Statistics for Civil Engineers
- Introduction to Transportation Engineering

#### **University of Maryland, Graduate Courses**

- Non-motorized Transportation Modes
- Transportation Policy & Decision Making
- Intro to Transportation Demand Modeling
- Neighborhood Transportation Planning

#### **University of Maryland, Undergraduate Courses**

- Intro to Urban Transportation Engineering Planning
- International Perspectives on Transport & Society

#### **University of Iowa, Graduate Courses**

- Neighborhood Transportation Planning
- Social Equity in Planning
- Field Problems I
- Field Problems II

#### **Postdoctoral Supervision**

- Roger Chen, PhD – Portland State University (2010-2014)
- Nebahat Noyan, PhD – Portland State University (2010-2011)
- Xin Ye, PhD – University of Maryland (2009-2010)

#### **Ph.D. Dissertation Adviser/Chair**

- Ryan Dann, degree anticipated 2019, Urban Studies and Planning, Portland State University
- Cat Silva, degree anticipated 2020, Civil, Geo and Environmental Engineering, Technical University of Munich, co-adviser
- Qin Zhang, degree anticipated 2020, Civil, Geo and Environmental Engineering, Technical University of Munich, co-adviser

- Jaime Orrego, degree anticipated 2020, Civil & Environmental Engineering, Portland State University
- Rosa Felix, degree expected 2019, Civil Engineering, Instituto Superior Técnico, Lisbon Portugal, co-adviser
- Patrick Singleton, "Exploring the positive utility of travel and mode choice.", Civil & Environmental Engineering, Portland State University, 2017
- Kristina Marie Currans, "Data and methodological issues in assessing transportation impacts of urban development", Civil & Environmental Engineering, Portland State University, 2017
- Steven Gehrke, "Land use mix and pedestrian travel behavior: Advancements in conceptualization and measurement.", Civil & Environmental Engineering, Portland State University, 2017
- Gulsah Akar, PhD "Analysis of activity choice: The role of activity attributes & individual schedules", Civil & Environmental Engineering, University of Maryland, 2009
- Andrea Livi Smith, PhD, "The relationship between neighborhood environment & walking behavior: The influence of perceptions", Urban Studies & Planning, University of Maryland, 2008
- Marco Scuderi, PhD "Deriving a theory of the relationship between land use & transportation through the use of knowledge discovery techniques", Urban Studies & Planning, University of Maryland 2005

#### **Ph.D. Dissertation Committee Member or Examiner**

- Christopher Standen, Institute for Transport and Logistic Studies, University of Sydney, 2018 (examiner)
- Farhana Ahmed, Civil & Engineering, Monash University, 2018 (examiner)
- Chawalit Tipagornwong, Civil & Environmental Engineering, Portland State University, *in progress*
- Yi Wang, Civil & Environmental Engineering, Portland State University, *in progress*
- James Powell, Physics, Portland State University, *in progress*.
- Tara Goddard, Urban Studies, Portland State University, 2017.
- Sun Moon Kwon, Urban Studies, Portland State University, 2017
- Christine Kendrick, Environmental Science, Portland State University, 2016
- Chengxi Liu, Royal Institute of Technology in Sweden, 2016 (examiner)
- John Pritchard, Transportation, Instituto Superior Técnico, Lisboa, Portugal, October 2015 (examiner)
- Joseph Broach, Urban Studies, Portland State University, November 2015
- Lorelei Schmitt, Monash University, Melbourne, Australia, February 2015 (examiner)
- Claudine Moutou, Institute of Transport & Logistic Studies, University of Sydney, 2014 (examiner)
- Sirisha Kothuri, Civil & Environmental Engineering, Portland State University, 2014
- Oliver Smith, Urban Studies, Portland State University, 2014
- Liang Ma, Urban Studies, Portland State University, 2014
- Arlie Adkins, Urban Studies, Portland State University, 2014
- Kristian Larson, Geography & Urban Planning, University of Toronto, 2013 (examiner)
- Alexa Delbosc, Institute of Transport Studies, Monash University, 2013 (examiner)

- Rahul Nair, Civil & Environmental Engineering, University of Maryland, 2010
- Roger Chen, Civil & Environmental Engineering, University of Maryland, 2007
- Min-Wook Kang, Civil & Environmental Engineering, University of Maryland, 2008
- Arnab Chakraborty, Urban Studies & Planning, University of Maryland, 2008

### **Thesis, Project or Paper Advisor**

- Over 25 masters students in urban planning & engineering
- 2 undergraduate honors theses

### **Mentoring (Placements)**

- Graduate doctoral advisees have been placed in tenure-track programs at: University of Mary Washington, Fredericksburg, VA; Ohio State University, Columbus, OH; University of Arizona, Tucson, AZ; Utah State University, Logan, Utah.
- Graduate advisees have been placed in doctoral programs at: Portland State University, Portland, OR; University of Maryland, College Park, MD; Delft University of Technology, Delft, the Netherlands; Royal Institute of Technology, Stockholm, Sweden; Pennsylvania State University, University Park, PA
- Undergraduate advisees have been placed in graduate programs at: University of Texas at Austin, Austin, TX; University of California at Berkeley, Berkeley, CA; University of Pennsylvania, Philadelphia, PA; University of Maryland, College Park, MD

### **Mentoring (Other)**

- McNair Scholars University of Maryland
- John Glenn Washington Academic Internship, University of Maryland
- NSF RISE program, University of Maryland

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## *Outreach Achievements*

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### **Community Outreach**

- Portland City Club – advising on bicycle research
- Patterson Park Neighborhood Association Transportation Chair, Baltimore, MD
- Task Force on Traffic Calming & Pedestrian Safety, City of Baltimore, Baltimore, MD, 2007.
- Pedestrian Safety Task Force, Maryland Office of Highway Safety, Maryland Department of Transportation, 2004-present.
- Advisory board member, Goodwill Wheels to Work Program, Iowa City, IA, 2001-2003
- Mayor’s Mobility Task Force, appointed by Austin Mayor Kirk Watson, Austin, Texas, 1997

### **Media Outreach**

- Stuart Tomlinson. "Free parking in Portland will be increasingly harder to find, expert predicts", KATU News, Portland, OR, May 11, 2017. <http://katu.com/news/local/free-parking-in-portland-will-be-increasingly-harder-to-find-expert-predicts>
- Theen, Andrew. "Portland street fee: How Oregon became the nation's biggest user of street fees." *Oregonian*, June 23, 2014.
- Theen, Andrew. "Portland street fee: Is the obscure formula that determines what you pay 'imperfect,' or plain unfair?," *Oregonian*, June 23, 2013.
- Rose, Joseph. "'Driving light' in Oregon: Readers, traffic experts respond," *Oregonian*, September 16, 2013.
- Rose, Joseph. "Bicyclists, pedestrians & TriMet riders outspend drivers at small businesses: Portland State University study." *Oregonian*, December 14, 2012
- Badger, Emily. "Cyclists & Pedestrians Can End Up Spending More Each Month Than Drivers," From *The Atlantic: CityLab*, Dec 5, 2012
- DiBenedetto, Bill. "Biking + Walking = More Money Spent at Local Businesses." *Triple Pundit (online)*. October 8, 2012.
- Kaye, Leon. "How Bicycling Creates Economic Impact: A Tale of Two Cities." *Triple Pundit (online)*. October 4, 2012.
- Mirk, Sara. "Do Cyclists Make Better Customers?" *The Portland Mercury (online)*. September 21, 2012.
- Maus, Jonathan. "PSU research makes connection between bike-friendly & bottom line." *Bike Portland (online)*. September 20, 2012.
- Maus, Jonathan. "Study shows biking customers spend more." *Bike Portland (online)*. July 6, 2012.
- Clifton, Kelly; Morrissey, Sara; Ritter, Choe. "Business Cycles: Catering to the Bicycling Market." *TR News*, May-June 2012.
- Maus, Jonathan. "Researchers look into connection between bicycling, consumer behavior." *Bike Portland (online)*. June 14, 2011.
- Maryland Morning, WYPR, Baltimore MD, February 25, 2009
- Byrne, Michael. "Waiting for a Ride: The Red Line Gathers Steam." *Baltimore City Paper*, Volume 32, No. 45, November 12, 2008. pp. 17.
- Edelson, Mat. "The Tao of Transit." *Urbanite Magazine*. September, 2007
- Kates, Rebecca. Broadcast, WBFF, Baltimore, MD. January 24, 2006.
- Dresser, Michael. "Baltimore Geography Has Edge Over Houston's." *The Baltimore Sun*. September 25, 2005.
- Merrell, Gerald. "Zoning Decision May Cast Shadow." *The Baltimore Sun*. May 29, 2005.
- Otto, Mary. "Columbia Brings Nature a Step Closer." *The Washington Post*. July 14, 2005.
- Rosen, Jill. "Rethinking Life without the JFX." *The Baltimore Sun*. March 9, 2005
- Ryan, Jennifer. "Could Where You Live Make You Fatter." WUSA-TV9, Washington, DC. Broadcast: November 16, 2005.
- Wheeler, Timothy B. "Is Suburbia Harmful to Your Health." *The Baltimore Sun*. November 25, 2005.
- Wheeler, Timothy B. "Is Suburbia Harmful to Your Health." *Chicago Tribune*. Dec. 4, 2005.
- Seigel, Eric. "Some Shun Horsepower for Foot Power." *The Baltimore Sun*. Jun 4, 2004.

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***Governance & Other Service for the University, College, & Department***

- Graduate Admissions Committee, Department of Civil & Environmental Engineering, Portland State University, 2018-present.
- President's Academic Advisory Council, Portland State University, 2018.
- Diversity Action Committee, Portland State University, 2017.
- Chair, Visioning Committee, Department of Civil & Environmental Engineering, Portland State University, 2016-present.
- Chair, Promotion & Tenure Committee (department), Department of Civil & Environmental Engineering, Portland State University, 2015 to 2018.
- Promotion & Tenure Committee (college), Maseeh College of Engineering & Computer Science, Portland State University, 2014 to 2016.
- Research, Strategic Planning Advisory Committee, Maseeh College of Engineering & Computer Science, Portland State University, 2014 to 2015.
- Scholarship Committee, Department of Civil & Environmental Engineering, Portland State University 2013 to 2014.
- Executive Committee, National Institute for Transportation & Communities, Portland State University, 2012-2014.
- Admissions Committee for Urban Studies & Planning, University of Maryland
- Best Thesis Awards Committee Chair, National Center for Smart Growth Research & Education, University of Maryland, 2007-2009.
- Promotion & Tenure committee, Department of Architecture, Portland State University, 2012.
- P&T Committee, School of Architecture, University of Maryland, 2008-2009.
- Institute of Transportation Engineers, faculty advisor, University of Maryland, 2003-2009.

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### *Professional Service*

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#### **Committee, Board, & Professional Organization Membership**

- Conference Chair, World Symposium on Transport and Land Use Research, 2017 to 2020.
- Chair, World Society for Transport & Land Use Research, 2011-2014
- Board Member, World Society for Transport & Land Use Research, 2011- present
- Editorial Advisory Panel, *Institute of Civil Engineers Engineering Sustainability*, 2014 to 2017
- Treasurer, International Steering Committee on Travel Survey Conferences, 2011 to present
- Editorial Board, *Journal of Transport & Land Use*, June 2007 – present
- Transportation Track Chair, Association of Collegiate Schools of Planning/ Association of European Schools of Planning, 2010-2013
- Member, International Association of Travel Behaviour Researchers, 2001 to present.
- Board Member, International Steering Committee for Travel Survey Conferences, 2008 – present
- Oregon Department of Transportation Statewide Transportation Policy Committee 2010-2012
- Oregon Department of Land Conservation & Development Transportation Rulemaking Advisory Committee 2010-2012
- Bicycle Urbanism International Program Committee 2012-2013



- Member of the National Academies, Transportation Research Board Committee on Travel Behavior & Values (ADB10), 2002 – 2011
- Member, Campus Research Council, University of Maryland, 2008-2009
- Member, Campus Bicycle Advisory Committee, Campus Department of Transportation, University of Maryland, 2007-2009
- Member, Campus Facilities Master Planning Transportation Subcommittee, University of Maryland, 2003 – 2009
- Pedestrian Safety Task Force, Maryland Office of Highway Safety, Maryland Department of Transportation, 2004-2009
- Chair, Transportation Committee, Patterson Park Neighborhood Association, Baltimore, MD, 2007-2009
- Chair, National Center for Smart Growth Research & Education, Best Thesis Award 2006-2009
- Faculty Advisor, Institute of Transportation Engineers Student Organization, University of Maryland, 2003 - 2007
- Task Force on Traffic Calming & Pedestrian Safety, City of Baltimore, Baltimore, MD, 2000
- Chair of the National Academies of Science, Transportation Research Board Subcommittee on Behavioral Processes & Qualitative Methods, Travel Behavior & Values (ADB10), 2002 – 2006