

ERIC DUMBAUGH, Ph.D

Department of Urban and Regional Planning
Florida Atlantic University
777 Glades Road, SO 284C
Boca Raton, FL 33431
eric.dumbaugh@fau.edu

EDUCATION

Ph.D., Civil and Environmental Engineering, 2005

Georgia Institute of Technology
Dissertation: *Safe Streets, Livable Streets: A Positive Approach to Urban Roadside Design*

Master of City and Regional Planning, 2002

Georgia Institute of Technology
Master's Paper: *Highest and Best Transit Use: Rethinking the Role of Transit Authorities in Encouraging Transit-Oriented Development*

Master of Science, 2002

School of Civil and Environmental Engineering
Georgia Institute of Technology

Bachelor of Arts, English, 1996

Florida State University

EMPLOYMENT HISTORY

Professor, Department of Urban and Regional Planning, Florida Atlantic University. 2020-present

Associate Director, Collaborative Sciences Center for Road Safety. 2016-present.

Founding Director, FAU Placemaking and Civic Engagement Program, 2012-2016

Program Coordinator, Master of Urban Planning Program. School of Urban and Regional Planning, Florida Atlantic University. 2011-2012; 2014-2016.

Interim Director, School of Urban and Regional Planning. Florida Atlantic University. 2012-2015.

Associate Professor, School of Urban and Regional Planning, Florida Atlantic University. 2011-2020.

Founding Program Coordinator, Graduate Certificate Program in Transportation Planning, Texas A&M University, 2007-2011.

Assistant Research Scientist, Texas Transportation Institute. Texas A&M University. 2007-2011.

Assistant Professor, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2006–2011.

Instructor, Department of Civil and Environmental Engineering, Georgia Institute of Technology, 2005.

Instructor, Department of City and Regional Planning, Georgia Institute of Technology, 2004.

REFEREED SCHOLARSHIP, RESEARCH, AND CREATIVE ACTIVITY

Refereed Journal Articles

1. **Dumbaugh, E.** and J. Stiles. “Social Vulnerability: A Review of the Literature on Pedestrian Crash Risk in Lower-Income and Minority Communities in the United States.” *Journal of Transportation and Land use*. Accepted January 8, 2025.
2. Haule, H. and **E. Dumbaugh**. Examining Factors Contributing to Motorcycle Collisions with Left-turning Vehicles at Urban Intersection Locations. *Transportation Research Record: Journal of the Transportation Research Board*. (Accepted for Publication February 8, 2024)
3. **Dumbaugh, E.** J. Stiles, D. Mitsova, and D. Saha (2023). “The Most Vulnerable User: Considering the Role of Income, Race, and the Built Environment on Pedestrian Crashes, Injuries, and Deaths.” *Transportation Research Record: Journal of the Transportation Research Board*, 26 (2): 743-752
4. **Dumbaugh, E.** Y. Li, D. Saha, and W. Marshall. (2022) “Why do Lower-Income Areas Experience Worse Road Safety Outcomes? Examining the Role of the Built Environment in Orange County, Florida.” *Transportation Research Interdisciplinary Perspectives*. Vol 16. <https://doi.org/10.1016/j.trip.2022.100696>
5. Dong, X, S. Hamidi, and **E. Dumbaugh**. (2022) “Investigating safety in numbers in cycling after the entry of dock-based bikeshare programs in three U.S. cities.” *Transportation Research Record: Journal of the Transportation Research Board*. Volume 3677, No. 3. <https://doi.org/10.1177/03611981221123803>
6. **Dumbaugh, E.** and D. Saha. (2021). The Traffic Safety Impacts of Transit Service on Freight Corridors: A Comparative Examination of Orlando SunRail and Charlotte Lynx. *Case Studies in Transport Policy*, 9(3): 1399-1406.

7. Saha, D. and **E. Dumbaugh**. (2021). "Use of a Model-based Gradient Boosting Framework to Assess Spatial and Non-linear Effects of Variables on Pedestrian Crash Frequency at Macro-level." *Journal of Transportation Safety and Security*, 14(8): 1419-1450.
8. Wali, B. N. Ahmad, A. Khattak, and **E. Dumbaugh**. (2021). "Built Environment, Driving Errors and Violations, and Crashes in Naturalistic Driving Environment." *Accident Analysis and Prevention* 157, July.
9. Wali, B. N. Ahmad, A. Khattak, and **E. Dumbaugh**. (2021). "A Taxonomy of Driving Errors and Violations: Evidence from the Naturalistic Driving Study." *Accident Analysis and Prevention*, 151. March. Impact Factor: 3.655; SJR H-Index: 125
10. Saha, D., **E. Dumbaugh**, and L. Merlin (2020). "A Conceptual Framework to Understand the Role of Built Environment on Traffic Safety." *Journal of Safety Research*, 75: 41-50. Impact Factor: 2.861; SJR H-Index: 76
11. **Dumbaugh, E.**, D. Saha, and L. Merlin (2020). "Towards Safe Systems: Traffic Safety, Cognition, and the Built Environment." *Journal of Planning Education and Research*. 44(1). <https://journals.sagepub.com/doi/10.1177/0739456X20931915> Impact Factor: 3.1; SJR H-Index: 63.
12. Merlin, L. A. Mohamedi-Hazaveh, **E. Dumbaugh**, and C, Cherry. (2020). Residential Accessibility's Relationships with Crash Rates per Capita. *Journal of Transport and Land Use*, 13(1): 113-128. Impact Factor: 2.330; SJR H-Index: 17
13. Saha, D. P. Alluri, **E. Dumbaugh**, and A. Gan. (2020). Application of the Poisson-Tweedie Distribution in Analyzing Crash Frequency Data. *Accident Analysis and Prevention*, 137: 1-17. Impact Factor: 3.655; SJR H-Index: 125
14. L. Merlin, E. Guerra, and **E. Dumbaugh**. (2020). Crash Risk, Crash Exposure, and the Built Environment: A Conceptual Review. *Accident Analysis and Prevention*, 134: 1-9. Impact Factor: 3.655; SJR H-Index: 125.
15. **Dumbaugh, E.**, & King, M. (2018). Engineering Livable Streets: A Thematic Review of Advancements in Urban Street Design. *Journal of Planning Literature*, 33(4), 451-465. Impact Factor: 3.15; SJR H-Index: 45.
16. J. Saginor and **E. Dumbaugh**. (2018). South Florida's Brightline: The Public Costs of Private Rail: *ITE Journal*, September: 33-39. Impact Factor: 0.430; SJR H-Index: 20.
17. Marshall, W., and **E. Dumbaugh**. (2018). "Revisiting the Relationship between Traffic Congestion and the Economy: A Longitudinal Examination of U.S. Metropolitan Areas." *Transportation*, 47(1): 275-314. Impact Factor: 3.151; SJR H-Index: 64.
18. **Dumbaugh, E.** and W. Marshall. (2018). The Future of Urban Transportation: A Roadmap to the 21st Century. *Research in Transportation Business and Management*, 29: 4-13 Impact Factor: 0.776; SJR H-Index: 16.

19. **Dumbaugh, E.**, J. Tumlin, and W. Marshall. (2014). Decisions, Data, and Values: Understanding Bias in Transportation Performance Measures. *ITE Journal*, August: 20-25. Impact Factor 0.430; SJR H-Index: 20.
20. **Dumbaugh, E.**, W. Li,* and K. Joh. (2013). The Built Environment and the Incidence of Pedestrian and Cyclist Crashes. *Urban Design International* 18(3): 217–228. Impact Factor: 0.595; SJR H-Index: 22.
21. **Dumbaugh, E.** and Y. Zhang.* (2013). Urban Form and the Incidence of Crashes Involving Older Drivers and Pedestrians. *Journal of Planning Education and Research* 33(1): 83-95. Impact Factor: 2.328; SJR H-Index: 58.
22. Sperry, B,* M. Burris and **E. Dumbaugh.** (2012). A Case Study of Induced Trips at Mixed Use Developments. *Environment and Planning B: Urban Analytics and City Science*, 39: 698-712. Impact Factor: 0.653; SJR H-Index: 74.
23. **Dumbaugh, E.** and W. Li.* (2011). Designing for the Safety of Pedestrians, Cyclists, and Motorists in Urban Environments. *Journal of the American Planning Association*, 77(1): 69-88. Impact Factor: 2.041; SJR H-Index: 79.
24. **Dumbaugh, E.**, R. Rae* and D. Wunneburger. (2011). Using GIS to Develop a Performance-Based Framework for Evaluating Urban Design and Crash Incidence. *Urban Design International*, 16(1): 63-71 Impact Factor: 0.595; SJR H-Index: 22
25. **Dumbaugh, E.** and R. Rae.* (2009). Safe Urban Form: Revisiting the Relationship between Community Design and Traffic Safety. *Journal of the American Planning Association*. 75(3): 309-329. Impact Factor: 2.041; SJR H-Index: 79. ****Recipient of 2009 Best Paper Award****
26. Ewing, R. and **E. Dumbaugh.** (2009). The Built Environment and Traffic Safety: A Review of Empirical Evidence. *Journal of Planning Literature*. 23(4): 347-367. Impact Factor: 3.15; SJR H-Index: 45.
27. **Dumbaugh E.** (2008). Designing Communities to Enhance the Safety and Mobility of Older Adults: A Universal Approach. *Journal of Planning Literature*, 23(1): 17-36. Impact Factor 3.15; SJR H-Index: 45
28. **Dumbaugh, E.** and L.D. Frank. (2007). Traffic Safety and Safe Routes to Schools: Synthesizing the Empirical Evidence. *Transportation Research Record: Journal of the Transportation Research Board 2009*: 89-97. Impact Factor: 0.954; SJR H-Index: 86.
29. **Dumbaugh, E.** (2006). The Design of Safe Urban Roadsides: An Empirical Analysis *Transportation Research Record: Journal of the Transportation Research Board 1961*: 74-82. Impact Factor: 0.954. ****Recipient of 2006 Award for Outstanding Paper in Geometric Design****
30. **Dumbaugh, E.** (2005). Safe Streets, Livable Streets. *Journal of the American Planning Association* 71(3): 283-298. Impact Factor: 2.041; SJR H-Index: 79.

31. Mitra, S., S. Washington, **E. Dumbaugh**, M. Meyer, and A. Chang (2005). Relationships between Governor's Highway Safety Associations and Transportation Planning. *Journal of Transportation Statistics* 8(1): 57-74. Impact Factor: 0.5
32. Meyer, M. and **E. Dumbaugh**. (2004). Institutional and Regulatory Factors Related to Non-Motorized Travel and Walkable Communities. *TRB Special Report 282: Does the Built Environment Influence Physical Activity?* Report solicited by the Transportation Research Board of the National Academies of Science
33. **Dumbaugh, E.** (2004). Overcoming Financial and Institutional Barriers to Transit-Oriented Development *Journal of Public Transportation* 7(3): 43-69. Impact Factor: 0.710; SJR H-Index: 12.
34. Ewing, R., **E. Dumbaugh**, and M. Brown. (2001). Internalizing Travel by Mixing Land Uses: A Study of Master-Planned Communities in South Florida. *Transportation Research Record* 1780: 115-120. Impact Factor: 0.954; SJR H-Index: 86.

* Denotes student co-author

Articles Under Review

LeJeunesse, S., J. Saginor, T. Combs, W. Kumfer, and E. Dumbaugh. "Recurrent Patterns in the Application of Traffic Impact Analyses: Safety First or Last?" *Transportation Research Interdisciplinary Perspectives*. Revise and Resubmit, April 16, 2024.

E. Dumbaugh and Stiles, J. "Death Zones: The Role of Land Use on Pedestrian and Bicyclist Death and Injury." Paper Submitted for Presentation at the Association of Collegiate Schools of Planning Conference, 2024. Submitted April 9, 2024. Accepted May 31, 2024.

E. Dumbaugh, J. Stiles, and D. Mitsova. "The Most Vulnerable User: Understanding the Role of Race, Income, and Social Vulnerability on Traffic-Related Deaths and Injuries." Paper accepted for Presentation at the 2nd Conference on Advancing Transportation Equity (CATE), July 15-18, Baltimore, Maryland, 2024. Accepted, April 25, 2024.

E. Dumbaugh and J. Stiles. Social Vulnerability: Understanding Pedestrian Crash Risk in Lower-Income and Minority Communities. *Journal of Transport and Land Use*. Submitted June 20, 2024.

Book Chapters

1. Tingvall, C., J. Michael, P. Larsson, A. Lie, M. Segui-Gomez, S.V. Wong, O. Kobusingye, M. Khayesi, **E. Dumbaugh**, S. Cockfield, and A. Furas. (2022). "Saving Lives Beyond 2020: The Next Steps." *Vision Zero Handbook: Theory, Technology, and Management for a Zero Casualty Policy*. New York: Springer

2. **Dumbaugh, E.** and R. Rae. (2013). Safe Urban Form: Revisiting the Relationship between Community Design and Traffic Safety. *Dialogues in Urban and Regional Planning* 5. Routledge., pp. 235-263.
3. **Dumbaugh, E.** (2013). A Positive Approach to Urban Road Safety. *Safety, Sustainability, and Future Urban Transport*. Eicher Goodearth, pp. 141-161.

Book Reviews

1. **Dumbaugh, E.** (2019). Review of “Beyond Mobility: Planning Cities for People and Places,” *Journal of the American Planning Association*, DOI: 10.1080/01944363.2018.1560833
2. **Dumbaugh, E.** (2015). Review of “Bridges: Their Engineering and Planning.” *Journal of Planning Literature*.
3. **Dumbaugh, E.** (2010). Review of “Sustainable Transportation: Problems and Solutions.” *Journal of the American Planning Association*, 77(1): 92-93.

Sponsored Research Monographs (Refereed)

1. S. Lopez, V. John, D.P. Barbosa, V. Perdomo, J. Vega, J Kisner, **E. Dumbaugh**, V Vijayarangan, A Jakovcevic, C Adriazola-Stiel, ad H. Kemp. (2024) Motorized Two-Wheelers’ Safety and Infrastructure: Urban Road Design and Planning Recommendations for Reducing Motorcycle Deaths and Injuries in Low- and Middle- Income Countries. Washington DC: Work Resources Institute.
2. **Dumbaugh, E.** and J. Stiles. (2023). Refining C3 Context-Classification Criteria for Low-Income and Minority Populations. Final Report BED27 977-02. Tallahassee: Florida Department of Transportation.
3. T. Combs, W. Kumfer, S. LeJeunesse, J. Saginor and **E. Dumbaugh**. (2022). *Using Safe Systems Approach to Assess Traffic Impact and Land Development*. U.S. Department of Transportation, University Transportation Centers Program, Collaborative Sciences Center for Road Safety. Submitted August 2, 2022.
4. D. Mitsova, **E. Dumbaugh**, and D. Saha (2021). *Crash Risk for Low-Income and Minority Populations: An Examination of At-risk Population Segments and Underlying Risk Factors*. U.S. Department of Transportation, University Transportation Centers Program, Collaborative Sciences Center for Road Safety.
5. I. Augustin, J. De Leon, M. Viciado, & **E. Dumbaugh** (2021). *Applying Civic Innovation Methods to Advance Safety Education: A Pilot Program*. U.S. Department of

Transportation, University Transportation Centers Program, Collaborative Sciences Center for Road Safety.

6. **E. Dumbaugh**, D. Saha, C. Brakewood, and A. Ziedan. (2020). *Examining the Traffic Safety Effects of Urban Rail Transit: A Review of the National Transit Database and a Before-After Analysis of the Orlando SunRail and Charlotte Lynx Systems*. U.S. Department of Transportation, University Transportation Centers Program, Collaborative Sciences Center for Road Safety.
7. **E. Dumbaugh**, Y. Li, D. Saha, and L. Merlin. (2020) *The Influence of the Built Environment on Crash Risk in Lower-Income and Higher-income Communities*. U.S. Department of Transportation, University Transportation Centers Program, Collaborative Sciences Center for Road Safety.
8. Khattak, A., N. Ahmad, B. Wali, & **E. Dumbaugh**. (2019). *Developing a Taxonomy of Human Errors that Lead to Crashes*. U.S. Department of Transportation, University Transportation Centers Program, Collaborative Sciences Center for Road Safety.
9. **Dumbaugh, E.**, D. Saha, L. Merlin, and J. Saginor (2018). *Identifying the Traffic Safety Needs of US Cities: Survey and Focus Group Results*. U.S. Department of Transportation, University Transportation Centers Program, Collaborative Sciences Center for Road Safety.
10. **Cherry, C.**, A.M. Hazaveh, N. Noltenius, A. Khattak, **E. Dumbaugh**, and L. Sandt. *Completing the Picture of Traffic Injuries: Understanding Data Needs and Opportunities*. University Transportation Centers Program, Collaborative Sciences Center for Road Safety.
11. **Dumbaugh E.**, K. Signor, W. Kumfer, S. LeJeunesse, and D. Carter (2018). *Safe Systems: Guiding Principles and International Applications*. U.S. Department of Transportation, University Transportation Centers Program, Collaborative Sciences Center for Road Safety.
12. **Dumbaugh, E.** (2016). *Urban Street Design Guidance: A Review*. Washington DC: Institute of Transportation Engineers.
13. **Dumbaugh, E.**, W. Li,* & K. Joh. (2012). *Examining the Design and Developmental Factors Associated with Crashes Involving Pedestrians, Cyclists, and Motorists in Urban Environments*. Final Report. U.S. Department of Transportation, University Transportation Centers Program, Southwest University Transportation Center.
14. **Dumbaugh, E.**, Y. Zhang,* and W. Li.* (2012). *Community Design and the Incidence of Crashes Involving Pedestrians and Motorists Aged 75 and Older*. Final Report. U.S. Department of Transportation, University Transportation Centers Program, University Transportation Center for Mobility.
15. Edrington, S.* and **E. Dumbaugh**. (2011). *Rural Transit Livability Performance Measures: A Literature Review*. Report to the Federal Transit Administration, United States Department of Transportation.

16. Saginor, J., **E. Dumbaugh**, D. Ellis, and M. Xu.* (2011). *Leveraging Land Development Returns to Finance Transportation Infrastructure*. Final Report. U.S. Department of Transportation, University Transportation Centers Program, University Transportation Center for Mobility.
17. Ndubisi, F.N. and **E. Dumbaugh**. (2010). *Developing an Interdisciplinary Certificate Program in Transportation Planning*. Final Report. U.S. Department of Transportation, University Transportation Centers Program, University Transportation Center for Mobility.
18. **Dumbaugh, E.**, R.D. Rae,* and D. Wunneburger. (2009). *Examining the Relationship between Community Design and Crash Incidence*. Final Report, U.S. Department of Transportation, University Transportation Centers Program, Southwest Region University Transportation Center.
19. **Dumbaugh, E.** (2007). *Recommendations for Examining the Emergency Response Effects of Smart Growth Streets*. Washington DC: United States Environmental Protection Agency and the Congress for the New Urbanism.
20. **Dumbaugh, E.** and L.D. Frank. (2006). *School and Community Design Factors Influencing Children's Travel Behavior and Physical Activity*. Washington DC: United States Environmental Protection Agency.
21. Washington, S., M. Meyer, I. van Schalwyk, **E. Dumbaugh**, S. Mitra, and M. Zoll. (2006). Incorporating Safety into the Long-Range Transportation Planning Process. *NCHRP Report 546*. Transportation Research Board, National Research Council, Washington DC.
22. **Dumbaugh, E.**, L.D. Frank, and A. King. (2005). *Designing Communities for the Health, Safety and Mobility of Older Adults*. Washington DC: National Institutes of Health.
23. Dixon, K., **E. Dumbaugh**, and M. Meyer. (2004). *Urban Roadside Safety: Current Practice and Emerging Issues*. Washington DC: National Cooperative Highway Research Program, Transportation Research Board, National Research Council.
24. Chang, A., **E. Dumbaugh**, M. Hickman, M. Meyer, Sudeshna Mitra, Simon Washington and Matthew Zoll. (2003). *Incorporating Safety into Long Range Transportation Planning*. Washington DC: National Cooperative Highway Research Program, Transportation Research Board, National Research Council.

* Denotes student co-author

REFEREED PRESENTATIONS AND PROCEEDINGS

Refereed Conference Proceedings

1. Saha, D. P. Alluri, **E. Dumbaugh**, and A. Gan. (2020). Application of the Poisson-Tweedie Distribution in Analyzing Crash Frequency Data. Proceedings of the 99th Annual Meeting of the Transportation Research Board, January
2. Merlin, L. C. Cherry, A.M. Hazeveh, and **E. Dumbaugh** (2019). Residential Accessibility's Relationship with Crashes Per Capita. Proceedings of the 98th Annual Meeting of the Transportation Research Board. January.
3. **Dumbaugh, E.** (2012). A Positive Approach to Traffic Safety on Urban Streets. International Workshop on Safety, Sustainability, and the Future of Urban Transport. Indian Institute of Technology, Delhi.
4. **Dumbaugh, E.**, W. Li, and K. Joh. (2012). The Built Environment and the Incidence of Pedestrian and Cyclist Crashes. Transportation Research Board 91st Annual Conference Proceedings. January, 2012.
5. Sperry, B.,* M. Burris, and **E. Dumbaugh**. (2010) A Case Study of Induced Travel at Mixed-Use Developments. *Transportation Research Record: Journal of the Transportation Research Board*. Transportation Research Board 89th Annual Conference Proceedings. January, 2010.
6. **Dumbaugh, E.** and L.D. Frank. (2007). "Traffic Safety and Safe Routes to Schools: Synthesizing the Empirical Evidence." Transportation Research Board 86th Annual Conference Proceedings [CD-ROM]. January.
7. **Dumbaugh, E.** (2006). "The Design of Safe Urban Roadsides: An Empirical Analysis." Transportation Research Board 85th Annual Conference Proceedings.
8. **Dumbaugh, E.**, M. Meyer and S. Washington. (2004). "Incorporating Highway Safety Agencies into Safety-Conscious Planning Processes." Transportation Research Board 83rd Annual Conference Proceedings.
9. **Dumbaugh, E.** and M. Meyer. (2003). "Exploring the Relationship between Agency Performance Measures and Operations Investments in a Metropolitan Area." Transportation Research Board 82nd Annual Conference Proceedings.
10. **Dumbaugh, E.**, R. Ewing, and M. Brown. (2001). "A Study of Internal Capture Rates for Mixed Use Developments in South Florida." Transportation Research Board 80th Annual Conference Proceedings.

Refereed Conference Presentations

National

1. H. Haule and E. Dumbaugh. Examining Factors Contributing to Motorcycle Collisions with Left-turning Vehicles at Urban Intersection Locations." Accepted for Presentation at the 103rd Annual Meeting of the Transportation Research Board. 2024.
2. E. Dumbaugh, J. Stiles, D. Mitsova, and D. Saha. "The Most Vulnerable User: Examining the Role of Income, Race, and the Built Environment on Pedestrian Injuries and Deaths." 102nd Annual Meeting of the Transportation Research Board. January 11, 2023.
3. E. Dumbaugh, J. Stiles, and D. Mitsova. "The Most Vulnerable User: Considering the Role of Income, Race, and the Built Environment on Pedestrian Crashes, Injuries, and Death." Association of Collegiate Schools of Planning 61st Annual Conference. Toronto, CA. November 4, 2022
4. Saginor, J., S. LaJeunesse, T. Combs, E. Dumbaugh, and W. Kumfer. "Beyond Congestion: Using Systems Archetypes to Explore Safety Implications of Conventional Traffic Impact Analyses." Association of Collegiate Schools of Planning 61st Annual Conference. Toronto, CA. November 4, 2022.
5. E. Dumbaugh. "Safe Roads and Safe People: Understanding Pedestrian and Bicyclist Crash Risk in Low-income and Minority Areas." Road Safety on 5 Continents. Grapevine, Texas, October 10, 2022.
6. Dong, X., S. Hamidi, and E. Dumbaugh. Investigating safety in numbers in cycling after the entry of dock-based bikeshare programs in three U.S. cities." 101st Annual Meeting of the Transportation Research Board, January, 2022
7. Assessment of Non-Linear Associations between Area-Level Variables and Pedestrian Crash Frequency using a Model-based Gradient Boosting Framework. 99th Annual Meeting of the Transportation Research Board. (with D. Saha). Online Conference, January, 2021
8. "The Influence of the Built Environment on Crash Risk in Lower-income and Higher-income Communities." ACSP 60th Annual Conference. November 7, 2020 (with Y. Li, D. Saha, and L. Merlin).
9. "Income Disparity, Crash Risk, and the Built Environment." Bridging Transportation Researchers (BTR) Online Conference (with Y. Li, L. Saha, D., and L. Merlin). August 12, 2020.
10. "Application of the Poisson-Tweedie Distribution in Analyzing Crash Frequency Data." 99th Annual Meeting of the Transportation Research Board. (with D. Saha, P. Alluri, and A. Gan). Washington DC: January, 2020
11. "Accessibility's Relationship with Crashes Per Capita." 98th Annual Meeting of the Transportation Research Board. (with L. Merlin, C. Cherry, and A.M. Hazaveh). Washington DC: January 14, 2019.

12. "Achieving Vision Zero: Applying the Lessons of Systems Engineering to Land Use & Transportation Planning." ACSP 58th Annual Conference. Buffalo, NY, October 26, 2018.
13. "Residential Perceptions of a Proposed High-Speed Rail Project in Florida." ACSP 58th Annual Conference. Buffalo, NY, October 26, 2018.
14. "Integrating "Safe Systems" into Land Use Planning: Examining the Role of Land Use Codes and Development Regulations on the Incidence and Severity of Traffic-related Death and Injury." 5th Annual University Transportation Centers Conference for the Southeastern Region. Gainesville, Florida, November 16, 2017.
15. The Future of Urban Transportation: A Roadmap to the 21st Century. ACSP 57th Annual Conference. Denver, Colorado, October 12-15, 2017
16. "Cities and the Future of Urban Transportation." 25th Congress for the New Urbanism. May 6, 2017
17. "Livability and the Future of Urban Transportation." Transportation Research Board 4th Urban Street Symposium. Chicago, IL. June 24, 2012.
18. "Beyond Bike Lanes: Building a Culture of Bicycle Safety." 20th Congress for the New Urbanism. West Palm Beach, Florida, May 12, 2012.
http://www.youtube.com/watch?v=5cC3eRPA_wQ&feature=plcp
19. "How Did We Stop Walking and How Can We Start Again: the Dawn of the Motor Age in the American City." 20th Annual Congress for the New Urbanism. West Palm Beach, Florida, May 10, 2012.
<http://www.youtube.com/watch?v=IdYcx3n4Xq8&feature=plcp>
20. "Traffic Safety and Urban Design." 20th Annual Congress for the New Urbanism. West Palm Beach, Florida, May 9, 2012
21. "The Built Environment and the Incidence of Pedestrian and Cyclist Crashes." Transportation Research Board 91st Annual Meeting. Washington DC. January, 2012.
22. "Designing Communities for the Safety of Older Pedestrians and Motorists." ACSP 52nd Annual Conference. Salt Lake City Utah. October 13, 2011.
23. "On a Collision Course: Smart Growth and Traffic Safety." 10th Annual New Partners for Smart Growth Conference, Charlotte. February 3, 2011.
24. "Urban Design Strategies for Linking Safety and Livability." Transportation Research Board Transportation for Livability Communities Conference. Washington DC. October 18, 2010.

25. "Urban Form and the Incidence of Pedestrian, Cyclist, and Motorist Crashes." Association of Collegiate Schools of Planning 51st Annual Conference. Minneapolis, MN. October 9, 2010
26. "Safety for Everyone: Urban Form and the Incidence of Crashes involving Pedestrians, Bicyclists, and Motorists." Congress for the New Urbanism 18. Atlanta, GA. May, 2010.
27. "Safe Urban Form: Revisiting the Relationship between Community Design and Traffic Safety." Association of Collegiate Schools of Planning 50th Anniversary Conference. Crystal City, VA. September, 2009.
28. "Putting the Arterial in Context." Congress for the New Urbanism 17. Denver, CO. June 11, 2009.
29. "Narrow Streets and the Fire Truck: Speed, Traffic Safety and Street Design." Congress for the New Urbanism XVI, Austin, TX. April 4, 2008.
30. "Enabling Great Streets." Congress for the New Urbanism 16. Austin, TX. April 3, 2008.
31. "Narrow Streets and Traffic Safety. EPA/CNU Workshop on Smart Growth Streets and Emergency Response." Austin, TX, April 1, 2008.
32. "Context Matters: Re-Examining the Role of the Built Environment on Traffic Safety." Third Urban Street Symposium. Seattle, WA. June 25, 2007.
33. "Putting Traffic in its Place: Using the New CNU/ITE Manual." Congress for the New Urbanism 15. Philadelphia, PA. May 17, 2007.
34. "Traffic Safety and Safe Routes to Schools: Synthesizing the Empirical Evidence." Transportation Research Board 86th Annual Conference. Washington DC: January, 2007.
35. "The Design of Safe Urban Roadsides." Transportation Research Board 85th Annual Conference. Washington DC. January, 2006.
36. "The Built Environment and Traffic Safety." Association of Collegiate Schools of Planning 46th Annual Conference. Kansas City, MO. October, 2005
37. "Safe and Livable Urban Streets: An Empirical Analysis." American Collegiate Schools of Planning 46th Annual Conference. Kansas City, MO. October 2005.
38. "Incorporating Highway Safety Agencies into Safety-Conscious Planning Processes." 83rd Annual Meeting of the Transportation Research Board. Washington DC. January, 2004 (with Michael Meyer and Simon Washington)
39. "Exploring the Relationship between Agency Performance Measures and Operations Investments in a Metropolitan Area." 82nd Annual Meeting of the Transportation Research Board. Washington DC. January, 2003.

40. “Highest and Best Transit Use: Rethinking the Role of Transit Authorities in Encouraging Transit-Oriented Development.” Paper presented at the 2002 National Conference of the American Planning Association. Chicago, IL. April, 2002.
41. “The Freedom Parkway: Visionary Politics in Atlanta.” Paper presented at the 9th Biennial Conference on Planning History. Philadelphia, PA. November, 2001.
42. “A Study of Internal Capture Rates for Mixed Use Developments in South Florida.” 80th Annual Meeting of the Transportation Research Board. Washington DC. January, 2001.

State/Regional/Local

43. “Achieving Vision Zero: Designing Safe Systems for All Road Users.” Safe Streets Summit. Fort Lauderdale, FL. February 7, 2020.
44. “Achieving Vision Zero: A Safe Systems Approach to Transportation Planning and Design.” Annual Meeting of the Florida Section of the Institute of Transportation Engineers. Coral Springs, FL, October 31, 2018.
45. “South Florida’s Brightline: The Public Costs of Private Rail” (with Jesse Saginor). Annual Meeting of the Florida Section of the Institute of Transportation Engineers. Coral Springs, FL, October 31, 2018.
46. “Storytelling! A Technique to Create Vibrant, Equitable and Livable Communities.” Annual Conference of the Florida Chapter of the American Planning Association. Hollywood. September 10, 2015 (Session Organizer).
47. “Tactical Urbanism, Social Media, and the Future of Urban Placemaking.” Annual Conference of the Florida Chapter of the American Planning Association. Orlando. September 12, 2013 (Session Organizer).
48. “6 Practical Community Design Solutions for Addressing the Safety and Mobility of Seniors.” International Conference on Sustainable Urbanism. College Station, TX. April, 2007.

NON-REFEREED PUBLICATIONS, PRESENTATIONS, AND PROCEEDINGS

Sponsored Research Monographs (Non-refereed)

1. **Dumbaugh, E.** and N. Estevez* (2013). *Creating a Vibrant, Livable South Florida: Report to the John D. and Catherine T. MacArthur Foundation.* September.
2. Dumbaugh, E and A. McMaster* (2012). *Placemaking and Civic Engagement: Report to the John D. and Catherine T. MacArthur Foundation.* September.

3. Ndubisi, F.N. and **E. Dumbaugh**. (2010). *Developing an Interdisciplinary Certificate Program in Transportation Planning*. Final Report. U.S. Department of Transportation, University Transportation Centers Program, University Transportation Center for Mobility. August.
4. **Dumbaugh, E.** (2006). *Access Management Planning Assistance Program: Enhancing the Safety of Arterial Roadways in the Atlanta Metropolitan Region*. Atlanta: Atlanta Regional Commission.
5. Amekudzi, A, **E. Dumbaugh**, R. Eger, G. Kingsley, S. Lee, M. Meyer, and A. Wilsker. (2005). *Feasibility Study on Comprehensive Maintenance Contracts in GDOT*. Atlanta: Georgia Department of Transportation.
6. Frank, L.D., **E. Dumbaugh**, and L. Leary. (2002). *Assessing Land Use, Transportation, Air Quality, and Health Relationships in King County WA*. King County, WA: King County Department of Transportation.
7. **Dumbaugh, E.** (2001). *Flexibility in Transportation Financing: An Overview of State Experiences Using GARVEE Bond Financing*. Atlanta: Atlanta Regional Commission.
8. **Dumbaugh, E.** (2001). *Recommendations for Performance Measure Enhancements*. Atlanta: Atlanta Regional Commission.
9. **Dumbaugh, E.** (2001). *Engineering Roadways for Pedestrians: Roadway Design Standards and Tort Liability*. Atlanta: Alternative Street Designs Task Force, Georgia Regional Transportation Authority.

* Denotes student co-author

Other Publications (Non-refereed)

1. Dumbaugh, E. “The Most Vulnerable User: Examining the Role of Income, Race, and the Built Environment on Pedestrian Injuries and Deaths.” June 9, 2023. <https://perspectivesblog.sagepub.com/blog/research/the-most-vulnerable-user-examining-the-role-of-income-race-and-the-built-environment-on-pedestrian-injuries-and-deaths>
2. Dumbaugh, E., “Worst Practices: How Urban Planning Fails Vision Zero.” Streetsblog USA. October 14, 2020. <https://usa.streetsblog.org/2020/10/14/worst-practices-how-urban-planning-fails-vision-zero/>
3. Dumbaugh, E. (2020). “An Urban Planning Problem: Defenses-in-Depth and the Need to Reconsider the Role of Urban Planning on Vision Zero.” *Vision Zero Cities: International Journal of Safety Innovation*. October.

4. *Saving Lives Beyond 2020: The Next Steps*. (2019). Recommendations of the Academic Expert Group for the United Nation's Third Ministerial Conference on Road Safety. Report Commissioned by the World Health Organization and the Swedish Transport Administration. October. (Contributing author)
5. Dumbaugh, E. (2012) "Rethinking the Economics of Traffic Congestion." *The Atlantic Cities*. June 1. <http://www.theatlanticcities.com/commute/2012/06/defense-congestion/2118/>
6. CNU Project for Transportation Reform (2012). *Sustainable Street Network Principles*. Chicago: Congress for the New Urbanism. Available online at: <http://www.cnu.org/cnu-news/2012/01/cnus-sustainable-street-network-principles>. (Contributing author)
7. Institute of Transportation Engineers (2011) *Fact Sheet 9: Designing Safe Urban Thoroughfares*, Washington DC: Institute of Transportation Engineers. Available online at: <http://ite.org/css/FactSheet9.pdf>. (Contributing author).

Invited Lectures/Keynote Speaker

International

1. "Safe And Efficient Public Transportation." XVII Road Safety Week, Bogota, Colombia. October 1, 2024.
2. "Design for Major Arterial Thoroughfares." Fortaleza Road Safety Training Programme. Sao Paulo, Brazil. July 30, 2019
3. "Safe System Approach and Impact on Road Safety Policy, Management and Mobility Systems." Road Safety Training Programme. Sao Paulo, Brazil. July 29, 2019
4. "Integrating Safety into Transportation Planning and Project Development Processes." Road Safety Training Programme. Sao Paulo, Brazil. July 29, 2019
5. "Design for Major Arterial Thoroughfares." Fortaleza Road Safety Training Programme. Fortaleza, Brazil. July 23, 2019
6. "Safe System Approach and Impact on Road Safety Policy, Management and Mobility Systems." Road Safety Training Programme. Fortaleza, Brazil. July 22, 2019
7. "Integrating Safety into Transportation Planning and Project Development Processes." Road Safety Training Programme. Fortaleza, Brazil. July 22, 2019

8. “Cognition, Behavior, and Traffic Crashes: Understanding the Role of Urban Design in the Creation of Safe Systems” Colloque Annuel du Réseau de Recherche en Sécurité Routière. Quebec City, Canada. May 24, 2019. [Keynote Speaker]
9. “Integrating Safe Systems into the UN’s Sustainable Development Goals.” World Health Organization Expert Panel Meeting. Paris, France. February 28, 2019
10. “Urban Development and Traffic Safety in the Developing World.” WRI Ross Center for Sustainable Cities. Washington DC. January 18, 2016.
11. “Designing Our Cities to Achieve the World Bank’s Sustainable Development Goals (SDGs).” Transforming Transport 2016. World Bank, Washington DC. January 15, 2016.
12. “What is Successful Urban Development and How Do We Measure It?” Transforming Transport 2013. World Bank. Washington DC, January 18, 2013.
13. “Community Design and Traffic Safety.” EMBARQ Workshop on Urban Development and Road Safety. Mexico City, Mexico. November 2, 2012
14. “Transportation Design Strategies for Sector Planning in India.” World Resources Institute Workshop on Urban Development and Road Safety. Rio de Janeiro, Brazil September 13, 2012
15. “Traffic Safety in the Developing World.” World Resources Institute Workshop on Urban Development and Road Safety. Rio de Janeiro, Brazil. September 12, 2012
16. “A Positive Approach to Traffic Safety on Urban Streets.” International Workshop on Safety, Sustainability, and the Future of Urban Transport. Indian Institute of Technology, Delhi, India. March 11, 2012.

National

17. “Safe System: Current State & Future Outlook.” AAA Foundation Safe Mobility Conference. Chapel Hill, NC. March 26, 2024.
18. “10 Pitfalls of Safety Planning and How to Overcome Them.” Louisiana State Highway Safety Program Regional Safety Coalition. March 22, 2023.
19. “Urban Roadway Design: Time for a New Paradigm?” 102nd Annual Meeting for the Transportation Research Board. January 8, 2023.
20. “How to Get Safe Systems Wrong AND Right, Part II: Responding to your Questions.” CSCRS Research Bytes Webinar. December 14, 2022

21. “How to Get Safe Systems Wrong ... and How to Get it Right.” CSCRS Research Bytes Webinar. November 17, 2022. <https://www.youtube.com/watch?v=5-SYT-RsizA>
22. “Land Use, Environmental Design, and Road Safety.” North Carolina Vision Zero Institute. June 28, 2022.
23. “Creative Placemaking Techniques to Advance Traffic Safety.” Collaborative Science Center for Road Safety Research to Practice Webinar. April 28, 2022. <https://www.youtube.com/watch?v=aELdP918ZQ8>
24. “Acting with Urgency: What does ‘Safer People’ mean?” Webinar sponsored by the Vision Zero Network. April 12, 2022. <https://visionzeronetwork.org/acting-with-urgency-what-does-safer-people-mean/>
25. “The Safety Impacts of Introducing Passenger Transit on Urban Freight Rail Systems.” Tran-Set Webinar Series: Improving Safety and Reliability of Rails. December 9, 2021.
26. “What Lies Beneath ‘Human Error?’” Collaborative Sciences Center for Road Safety Summer Learning Series, July 27, 2021
27. “CSCRS Webinar: Crash Risk for Low-Income and Minority Populations: Identifying At-risk Cohorts and Underlying Risk Factors.” February 24, 2021. <https://www.youtube.com/watch?v=nMb8Lk36nns>
28. Understanding the Safety Effects of At-grade Rail Systems on Existing Tracks in Urban Environments.” Collaborative Sciences Center for Road Safety Research Webinar. March 11, 2020.
29. “Safe Systems: What Does it Mean for Vision Zero?” Webinar sponsored by the Vision Zero Network. August 20, 2018. <https://visionzeronetwork.org/webinar-recap-safe-systems-what-does-it-mean-for-vision-zero/>
30. “A Model for the Provision of Safe Systems in Urban Environments.” Webinar sponsored by the Collaborative Sciences Center for Road Safety. November 29, 2017
31. “Principles for Livable Transportation.” Mayors Institute of City Design, National Endowment for the Arts. Miami, FL. September 22, 2016.
32. “Achieving Vision Zero.” Transportation and Communities Summit. Portland, OR. September 8, 2016.
33. “Fixing Your Traffic Problems with Updated Approaches to Roads, Transit, and Parking.” The Citybuilding Exchange. New Orleans, LA. March 10, 2016.
34. “Urban Highways and Social Justice.” Invited Lecture to the Ford Foundation and the Congress for the New Urbanism. New York, NY. October 2, 2014.

35. "Highways to Boulevards: Network-Based Solutions." Webinar sponsored by the Ford Foundation and hosted by the Congress for the New Urbanism. June 12, 2014. <https://www.cnu.org/our-projects/highways-boulevards/webinars>.
36. "Data Collection for Safe, Livable Streets." Designing Cities: Annual Meeting of National Association of City Transportation Officials. Phoenix, AZ. October 29, 2013.
37. "Local Street Networks and the Future of Claiborne Avenue." Event hosted by the Congress for the New Urbanism and the Claiborne Avenue Improvement Coalition. Louisiana Humanities Center. December 6, 2011 New Orleans. [Keynote Speaker] <http://www.youtube.com/watch?v=KT6iqD6HxVo>
38. "Looking Beyond the Street: The Critical Role of Land Use in Urban Traffic Safety." University of Connecticut Transportation Seminar. Storrs, Connecticut. October 24, 2011.
39. "Safety and Urban Form." Heartland Active Transportation Summit. Omaha, NE. Sept 30, 2011.
40. "Perceptual Engineering." 2010 Annual Traffic Safety Forum. Rutgers Center for Advanced Infrastructure and Transportation. New Brunswick, NJ. October 20, 2010.
41. "Transportation, Traffic Safety, and Community Design." Georgia Urban Forest Council 2009 Annual Conference. Stockbridge, GA, November 5, 2009.
42. "Urban Trees and Traffic Safety: Why Urban Trees Aren't the Threat the Traffic Engineer Thinks They Are!" Georgia Urban Forest Council 2009 Annual Conference. Stockbridge, GA, November 4, 2009. [Keynote Speaker]
43. "Urban Form and Traffic Safety: Examining the Design and Developmental Factors that Influence Crash Incidence." Oregon Transportation Research Educational Consortium [OTREC]/Portland State University Transportation Center. Portland, OR. October 16, 2009. <http://echo360.pdx.edu/ess/echo/presentation/df5e02ff-01a0-460d-951f-991d94eeabab>
44. "Design for Context: Addressing Safety and Mobility through Urban Design." Portland Metro. Portland, OR. October 15, 2009.
45. "Balancing Traffic Safety and Livability on Urban Streets." North Carolina Chapter of the Institute of Transportation Engineers. Charlotte, NC. June 13th, 2008
46. "On the Horizon: Future Directions in the Use of Traffic Safety Data." 30th Annual Traffic Records Safety Forum. Nashville, TN. July, 2004.
47. "Integrating Safety into the Transportation Planning Process." Federal Highway Administration Safety-Conscious Planning Forum, Baton Rouge, LA. April, 2004. [Keynote Speaker]

State/Regional/Local

48. Keynote Lecture District 4 Safety Team Workshop. April 2, 2024.
49. “Urban Design: The Secret of Great Streets!” A.D. Henderson Career Day. February 9, 2024.
50. “Land Use and Transportation.” Florida Department of Transportation Fundamentals of Transportation Training Program. March 22, 2022.
51. “Safe Roads: A Shared Responsibility.” FDOT TransPlex Webinar. October 15, 2021.
52. “A Safe Systems Approach to Pedestrian and Bicycle Safety.” Broward County Complete Streets Task Force. April 22, 2021.
53. “A Safe Systems Approach to Pedestrian and Bicycle Safety.” Broward County Transportation Oversight Board. March 19, 2021.
54. “A Safe Systems Approach to Addressing Pedestrian and Bicycle Crashes in Lower-Income Areas.” Broward County Bicycle and Pedestrian Advocacy Committee. March 8, 2021.
55. “Crash Risk for Low-Income and Minority Populations: Environmental Risk Factors.” Florida Pedestrian and Bicycle Safety Coalition. February 5, 2021.
56. “Crash Risk for Low-Income and Minority Populations: At-risk Population Segments. Florida Pedestrian and Bicyclist Safety Coalition. October 20, 2020.
57. “Applying Lessons from Organizational Systems to Transportation Systems Planning and Design” Institute of Transportation Engineers Student Chapter at Florida International University. February 15, 2019.
58. “National Best Practices for Safe and Complete Streets.” Community Forum. City of West Palm Beach, July 19, 2016.
59. “The Future of Urban Transportation.” Lynn University. Sustainability Lecture Series. Boca Raton, Fl. March 24, 2016.
60. “Engineering Livable Communities: The Role of Design Manuals and State DOTs in Creating Livable Communities.” Town Hall Lecture Series, Delray Beach, FL, February 25, 2015
61. “Creative Placemaking.” C’est La Via Kick-off Meeting. West Palm Beach FL, February 27, 2014.

62. "Urban Design and the Safety and Mobility of Older Adults." Nova Southeastern University Occupational Therapy Program. Davie, FL. March 7, 2013.
63. "Designing for the Safety and Mobility of Older Adults." Florida Department of Elder Affairs 2012 Regional Housing Forum. Davie, FL. October 25, 2012.
64. "Livability and the Future of Urban Transportation." Texas A&M University Department of Landscape Architecture and Urban Planning. College Station, TX. September 26, 2012
65. "Tactical Urbanism." Purple Line Kick-off Meeting. Miami, Florida, August 24, 2012.
66. "Complete Streets." City of Fort Lauderdale Transportation Summit. Fort Lauderdale Florida, May 9, 2012.
67. "Complete Streets." San Antonio Traffic Safety Forum. San Antonio, TX. October 12, 2010.
68. "How Urbanism Advances Mobility and Safety Goals... While Building Healthier, More Livable Communities at the Same Time!" Houston Tomorrow/Congress for the New Urbanism. Houston, TX. March 31, 2010.
<http://www.youtube.com/watch?v=eWMhvu2pjAk>
69. "Designing for Context: Addressing Safety and Mobility through Urban Design." Aggie Workshop. College Station, TX. February 29, 2009.
70. "Enhancing TxDOT Business Practices through an Integrated Approach to Transportation and Urban Design." TxDOT Urban Thoroughfares Committee. Austin, TX. March 5, 2008.
71. "Designing for Context: Addressing Safety and Mobility through Urban Design." University Transportation Center for Mobility Colloquium. College Station, TX. November 12, 2007.
72. "Incorporating Safety into Long-Range Planning Efforts." San Antonio Traffic Safety Forum. San Antonio, TX. July 31, 2007. [Keynote]
73. "Safe Streets, Livable Streets." Winter Meeting of the Texas Institute of Transportation Engineers. Houston, TX. February, 2007.
74. "Designing the Public Realm: Considering the Role of Context-Sensitive Solutions in the Design of Livable Streets." Urban Land Institute Committee on Smart Growth. Atlanta, GA. May, 2004.
75. "Rethinking the Role of Transit Authorities in Encouraging Transit-Oriented Development." Wilbur Smith and Associates 50th Anniversary Conference. Atlanta, GA. May, 2002.

76. “Engineering Roadways for Pedestrians: Roadway Design Standards and Tort Liability.”
Alternative Street Designs Task Force of the Georgia Regional Transportation Authority.
Atlanta, GA. March, 2001.

EXTERNAL GRANTS

Submitted

Guide for Self-Explaining Roads in the Context of the Safe System Approach, NCHRP Project 07-36. Co-PI (John Ivan, University of Connecticut, PI). \$600,000. Submitted January 30, 2024

Awarded

Project Title	Sponsor	Role	Dates	Amount
Refining C3 Context-Classification Criteria for Low-Income and Minority Populations	Florida Department of Transportation	PI	2022-2023	\$80,861.52
Crash Risk for Low-Income and Minority Populations: A Descriptive Identification of At-risk Population Segments and Underlying Risk Factors	Florida Department of Transportation	PI	2019-2020	\$83,116
Collaborative Sciences Center for Road Safety (National UTC)	USDOT Office of the Secretary – Research and Technology	PI (UNC Chapel Hill, consortium lead, Duke, UC Berkeley, and UT Knoxville)	2016-2024	\$15 million (FAU Share: \$1,617,997)
Sistrunk Urban Intervention	Fort Lauderdale Community Redevelopment Agency	PI	2015-2016	\$60,000
Evaluating the Property Value Impacts of All Aboard Florida	Martin County Property Appraiser	Co-PI (with J. Saginor)	2015	\$60,000
Performance Measures for Transit Livability	Federal Transit Administration	Co-PI (with L. Cherrington)	2011-2012	\$94,000
Designing Communities to Provide Safe Mobility Options for Older Adults	University Transportation Center for Mobility	PI	2010-2012	\$22,985

Safety and Urban Form Phase 2: Linking Safety and Livability	Southwest University Transportation Center	PI	2010-2012	\$45,000
Developing an e-Certificate in Transportation Planning	University Transportation Center for Mobility	Co-PI (with F. Ndubisi)	2010-2011	\$62,000
Graduate Certificate in Transportation Planning, Phase 2	University Transportation Center for Mobility	Co-PI (with F. Ndubisi)	2010-2011	\$58,000
Leveraging Land Development Returns to Finance Transportation Infrastructure	University Transportation Center for Mobility	Co-PI (with J. Saginor and D. Ellis)	2009-2010	\$100,000
Challenges, Opportunities, and Best Practices for Addressing Rural Mobility and Economic Development	University Transportation Center for Mobility	Co-PI (with J. Martin and C. Giusti)	2008-2010	\$100,000
Safety and Urban Form Phase 1: Design and Developmental Factors that Influence the Incidence of Urban Traffic Crashes	Southwest University Transportation Center	PI	2007-2009	\$45,000
Interdisciplinary Certificate in Transportation Planning	University Transportation Center for Mobility	Co-PI (with F. Ndubisi)	2007-2008	\$147,697
Urban Access Management: Strategies and Applications	Atlanta Regional Commission	PI	2006	\$25,000
			TOTAL	\$2,601,656

COURSES TAUGHT AT FAU

Graduate:

URP 6101: History and Theory of Planning

URP 6873 Site Planning

URP 6711: Introduction to Transportation Planning

URP 6930: Creative Placemaking

Undergraduate

URP 2051: Designing the City

URP 4930: Creative Placemaking

URP 4120: Plan Implementation Strategies

URP 4930: Urban Transportation Planning

URP 4870: Site Planning

COURSES TAUGHT AT TEXAS A&M

Graduate:

Plan 604: Planning Methods

Plan 612: Transport in City Planning

Plan 670: Public Transportation

Plan 673: Sustainable Transportation

Plan 674: Transportation Systems Analysis

Doctoral Committees (Member)

Mauricio Micolta, Transportation Systems, Department of Civil Engineering, Florida Atlantic University.

Esther Bayiga. An Analysis of the Pattern of Pedestrian Injuries and Deaths in Relation to Land Use, Transport, and Socioeconomic Factors in Kampala City, Uganda. Opponent. Makerere University, Uganda. October, 2024.

April Watson. Neo-localism and activating the urban landscape: economics, social networks and creation of place. August, 2016. (Geosciences, Maria Fadiman, Chair).

SERVICE AND PROFESSIONAL DEVELOPMENT

Service to the Institution (FAU Only)

School Service

- **Interim Coordinator**, MURP Program, Fall, 2024
- **Chair**, DURP Policy Committee, 2022-present
- **Chair**, SURP Relocation Committee, 2019-2020
- **Member**, Committee on Diversity and Inclusion, April, 2018-present
- **Interim Director**, School of Urban and Regional Planning, July, 2012—December, 2014. Assumed leadership of the School during a period of major transition. Accomplishments during my tenure include:
 - SURP increasing its ranking to the 7th best planning program in the Southeastern US.
 - 50% increase in MURP enrollment.
 - Relocation of the School's facilities and operations from the Fort Lauderdale to Boca Raton campus.
 - Overseeing the program's re-authorization by the Florida Board of Governors.
 - Development of SURP's first collaborative strategic plan.
 - Authoring the Self-study Report for re-accreditation of the Master of Urban and Regional Planning Program.
 - Initiating the FAU Placemaking and Civic Engagement program, engaging students in the design and implementation of placemaking interventions.
 - Re-activation of the Center for Urban and Environmental Solutions (CUES).
- **Graduate Coordinator**, School of Urban and Regional Planning. August, 2011—December, 2012; May, 2013—May, 2016.
- **Author**, Self-Study Report for the Planning Accreditation Board. July—October, 2014.
- **Author**, Program Self-Study Report for the Florida Board of Governors. Florida Atlantic University. June—December, 2013.
- **Chair**, SURP Facilities Planning Team, June, 2012—June, 2014. Oversaw the acquisition, planning, design, and construction of the SURP facilities on the Boca Raton campus, including the office suite, Visual Planning Technology Classroom, Production Studio, and graduate research suites.
- **Faculty Search Committee Chair**, 2012-2013, 2022-2023

College Service

- **Member**, College of Science Promotion and Tenure Committee. 2021-present.
- **Senator**, FAU Faculty Senate, 2021-present
- **Inaugural Co-Chair**, CDSI Faculty Assembly Steering Committee. December, 2015-June, 2016.
- **Member**, Graduate Committee. August 2014-2018
- **School Representative**, Fort Lauderdale Campus Relocation Working Group, July, 2012—December, 2013.

University Service

- **Senator**, FAU Faculty Senate. Elected AY 2022-2024
 - **Member**, Policy and Procedures Committee, AY 2023-2025
- **Senator**, United Faculty of Florida-FAU. Elected: AY 2018-2019, 2019-2020, 2021-2022, 2022-2023
 - **Contract Enforcement Committee**, 2020-2022
 - **College of Science Faculty Liaison**, 2020-present
 - **CDSI Faculty Liaison**, 2019-2020
- **Graduate Programs Committee**. CDSI Representative.
- **Member**, Healthy Campus 2020. 2014-2016
- **Member**, Healthy Campus 2020 Healthy Lifestyles Subcommittee. 2014-2016

Professional Service

Editorial

Associate Editor, *Journal of the American Planning Association*, 2014-present

- **Best Paper Award Committee**, *Journal of the American Planning Association*, 2016-2020.
- **Open Access Subcommittee**, *Journal of the American Planning Association*, 2019-2020

Expert Panelist/Technical Advisory Group Member

- **Member, Academic Expert Group**, United Nation's 4th Ministerial Conference on Road Safety
- **Member**, World Health Organization Powered Two-Wheeler Technical Advisory Committee. 2024-Present
- **Invited Panel Member**, Transportation Research Board of the National Academies of Science, NCHRP 17-118: Understanding the Impacts of Operational Changes on Safety Performance. Fall, 2022-Present
- **Advisor**, World Resources Institute Ross Center Prize for Cities. 2021-Present
- **Transportation Safety Council**, Institute of Transportation Engineers, 2020-present
- **Vision Zero Standing Committee**, Institute of Transportation Engineers, 2020-present
- **Complete Streets Council**, Institute of Transportation Engineers, 2020-present
- **Technical Advisor**, Motorcycle Safety in Bogota, Colombia. World Resources Institute, 2020-2024
- **Expert Team Member**, World Health Organization Update to the United Nation's Decade for Action in Road Safety Program. 2017-2020.
- **Expert Team Member**, Gowanus Greenway Project, New York City DOT. 2016.
- **Technical Advisory Group Member**, Walkable Urban Thoroughfares Manual, 2nd Edition. Institute of Transportation Engineers, 2016.
- **Expert Team Member**, Mayor's Institute of City Design, National Endowment for the Arts. 2016.
- **Technical Advisory Committee Member**, Integration of Safety in the Project Development Process: A Context-Sensitive Approach and Beyond. Institute of Transportation Engineers. 2013-2015. <https://www.ite.org/pub/?id=e4edb88b-bafd-b6c9-6a19-22e98fedc8a9>.
- **Expert Team Member**. Traffic Safety in the Developing World. World Resources Institute, Ross Center for Sustainable Cities. 2012-2013. Responsible for conducting training on urban design and traffic safety in Rio De Janeiro and Mexico City, and advising the development of the design manual *Cities Safer by Design*. <https://www.wri.org/publication/cities-safer-design>. Effort sponsored by Bloomberg Philanthropies.

- **Technical Advisory Committee Member**, Broward County Complete Street Program, 2012-2015
- **Invited Panelist/Author**. International Workshop on Safety, Sustainability and the Future of Urban Transport. March 9-12, Dehli, India. Event sponsored by the Volvo Research and Education Foundation. <https://www.environmentandurbanization.org/safety-sustainability-and-future-urban-transport>.
- **Technical Advisory Group Member**, Institute of Transportation Engineers, the Nexus between Context Sensitive Solutions (CSS) and Highway Safety. 2011-2013
- **Expert Panel Member**, Federal Highway Administration, Developing Performance Measures for Achieving Context Sensitive Solutions, 2010-2012
- **Advisory Board Member**, University Transportation Center for Mobility, Texas Transportation Institute, 2007-2011
- **Project Advisor**. US Environmental Protection Agency/Congress for the New Urbanism. “Smart Growth Streets and Emergency Response.” 2007-2009
- **Technical Advisory Group Member**. CalTrans/Berkeley Traffic Safety Center. “The Effects of Transportation Corridors' Features on Driver and Pedestrian Behavior and on Community Vitality.” 2007-2009
- **Technical Advisor**, San Antonio Metropolitan Planning Organization, Safety-Conscious Planning Forum, 2007

Service to the Community/Public

- **Host Committee Conference Planning Committee**, Association of Collegiate Schools of Planning, 2020-present
- **Instructor**, World Resources Institute Road Safety Audit Programme. Sao Paulo, Brazil. July 22-26, 2019. Effort sponsored by Bloomberg Initiative for Global Road Safety
- **Instructor**, World Resources Institute Road Safety Audit Programme. Fortaleza, Brazil. July 29-August 2, 2019. Effort sponsored by Bloomberg Initiative for Global Road Safety
- **Co-organizer**. Safe Systems Summit. Responsible for the development of a two-day, international conference on Safe Systems sponsored by the Collaborative Sciences Center for Road Safety. April 23-34, 2019. Full conference materials available at: <https://www.roadsafety.unc.edu/summit/>
- **Organizer**, Safe Streets Lecture Series. Lectures Included:
 - DeWayne Carver. “Complete Streets in Florida.” October 12, 2020.

- Peter Furth. “Systematic Safety: The Principles behind Vision Zero.” February 7, 2020.
 - Peter Norton, Ph.D. “Data Don’t Drive: Values History, and Urban Mobility.” March 22nd, 2018
 - Michael D. Meyer, Ph.D., PE. “Integrating Safety into Transportation Planning: Challenges and Opportunities.” November 8th, 2018.
- **Conference Planning Team/Speaker/Moderator/Mobile Workshop Leader**, South Florida Safe Streets Summit. January 26-27, 2017.
<https://www.safestreetssummit.org/static/sitefiles/images/Program-SafeStreets2017-PRINT.pdf>
 - **Organizer/Facilitator**, Okeechobee Boulevard Redesign Stakeholders Meeting. December 16, 2016.
 - **Founding Director**, FAU Placemaking and Community Engagement Program (2012-2016). Oversaw the development and execution of an ongoing series of “urban interventions,” led by FAU students, aimed at enhancing the livability of South Florida’s cities. Events included:
 - **The Megaphone/Share Sistrunk**. August 29, 2015. This effort focused on highlighting and celebrating an historic African-American community in Fort Lauderdale. This effort transformed a shipping container into an open-access community “stage” intended to “amplify” the voice of community residents, culminating in the “Share Sistrunk” event, where residents came together to share stories of the neighborhood’s history and celebrate the accomplishments of its residents (<https://fortlauderdalecra.com/amplifying-the-voice-of-the-sistrunk-community/>). At the completion of the event, the “megaphone” container was deeded to the community, and continues to host events planned and programmed by the local residents (<https://northwestgardens.net/megaphone>)
 - **C’est La Via: Rethinking the Alleyways**. April 12, 2014. This event engaged the residents of West Palm Beach to transform the city’s alleys into pedestrian “vias.” Enthusiasm surrounding the event resulted in the West Palm Beach Downtown Development Agency to create the position of “Director of Public Life,” hiring the event co-organizer to serve in this capacity (<http://alleystovias.weebly.com/>)
 - **Park(ing) Day 2013**. September 20, 2013. This effort transformed 5 on-street parking spaces in downtown West Palm Beach into parklets. The positive response to the event by both local businesses and local officials has led to the adoption of a formal parklet program in downtown West Palm Beach.
 - **Purple Line Miami**. March 8-9, 2013. This event transformed a highway underpass into a “pop-up” transit station. In advance of the opening of the Brightline commuter rail station, the event was designed to highlight the role of transit plays in connecting diverse segments of Miami-Dade County’s population,

to create a forum for advocating for future transit investments in South Florida, and to identify barriers, such as bicycle and pedestrian access, that hinder the effective use of transit. The event was attended by more than 3,000 people and was heavily featured in both local and national press (<http://purplelinemiami.blogspot.com/>).

- **Park(ing) Day 2012.** September 21, 2012. This event transformed 3 parking spaces in downtown Fort Lauderdale into urban parklets. Installations included a street café, a pop-up transit station and information kiosk, and an urban garden. Following the demonstration, the City of Fort Lauderdale adopted a policy allowing local businesses to transforming parking spaces to parklets.
- **Better Block Fort Lauderdale.** June 16, 2012. Transformed the 600 block of NW 1st avenue into a livable street, demonstrating the applicability of “shared space” traffic calming devices in South Florida. The project resulted in the establishment of an ongoing community advocacy group focused on the development and promotion of the Flagler Village Arts district (<http://cadence-living.com/projects/better-block-fl/>)
- **Co-Organizer,** Delray Beach Town Hall Lecture Series, Part 2. January 2015-April, 2015. Lectures included:
 - Eric Dumbaugh, John Norquist, and Billy Hattaway. “Engineering Livable Communities: The Role of Design Manuals and State DOTs in Creating Livable Communities.” February 23, 2015
 - Fred Kent. CEO, Project for Public Spaces. “A Quiet Revolution to Transform Delray Beach.” February 25, 2015
 - Chuck Marohn and Joe Minicozzi. “The Wealth of Cities: Using Urbanism to Create Vibrant, Economically Viable Cities and Regions.” April 7, 2015.
- **Co-Organizer,** Delray Beach Town Hall Lecture Series. October, 2013-May, 2014. Lectures included:
 - Andres Duany. “A Century for Cities: Yesterday, Today, and Tomorrow.” December 2, 2013
 - Victor Dover. “Street Design: The Secret of Great Cities and Towns. January 8, 2014
 - Leigh Gallagher. “Where the American Dream is Moving: The Importance of Cities in the 21st Century. February 17, 2014
 - Todd Zimmerman. “City Housing for the New Millennium.” March 19, 2014
 - Donald Shoup. “The High Cost of Free Parking.” April 24, 2014.
 - Robert Gibbs. “Principles of Successful Urban Retail.” May 7, 2014.

- **Planning Committee Member**, Palm Beach Planning Congress Annual Ethics Conference, 2013-2014.
- **Host Committee Conference Planning Committee**, 20th Annual Congress for the New Urbanism. 2011-2012.

Organizational Memberships

- **Member**, Institute of Transportation Engineers Safety Council, 2021-present.
- **Member**, Institute of Transportation Engineers Complete Streets Council, 2021-present.
- **Friend of the Committee**, Transportation Research Board AME10: Standing Committee on Equity in Transportation. 2022-present.
- **Friend of the Committee**, Transportation Research Board AME 40: Transportation in Developing Countries. 2022-present.
- **Working Group Member**, Project for Transportation Reform. Congress for the New Urbanism, 2007-2016, 2022-present.
- **Board Member**, Abacoa Partnership for Community. 2012-2015.
- **Friend of the Committee**, Transportation Research Board of the National Academies Committee on Transportation Issues in Major U.S. Cities (ABE30). 2012-2019.
- **University Representative to the Executive Committee**. Florida Chapter of the American Planning Association, 2012-2014.
- **Chair**, Texas Transportation Commission, Context-Sensitive Solutions Training Subcommittee, 2008-2009.
- **Charter Member**, Texas Transportation Commission, Urban Thoroughfares Committee, 2007-2009.

*Research Proposal Reviews**

Center for Transformative Infrastructure Preservation and Sustainability, 2024

Collaborative Sciences Center for Road Safety, 2018 (2), 2019 (2), 2020 (2), 2021 (3)

Land Transport Authority of Singapore, Urban Mobility Grand Challenge Programme, 2017

Mountain-Plains Consortium, 2015, 2017, 2019, 2020, 2021

Oregon Transportation Research and Education Consortium, 2008, 2010(3)

Swiss National Science Foundation, 2011

University of California Davis Sustainable Transportation Center, 2010

University of California Los Angeles Institute of Transportation Studies, 2018.

* When multiple articles were reviewed during a single year, the number of articles is indicated in parentheses.

Book Manuscript Reviews

Elsevier, 2015

Island Press, 2009, 2010, 2015

Palgrave MacMillan, 2015

Ad-hoc Manuscript Reviews*

American Journal of Preventive Medicine, 2013

Annals of the American Association of Geographers, 2016

Cities, 2018, 2023

Cityscape, 2009

European Journal of Transport and Infrastructure Research, 2012

Findings, 2024

International Journal of Environmental Research and Public Health, 2016

International Symposium on Highway Geometric Design, 2022

Journal of the American Planning Association, 2006, 2008, 2009(3), 2010(3), 2013, 2014, 2015(3), 2016(2), 2017(2), 2018(3), 2019(3), 2020(4), 2021(4), 2022(3), 2024 (2)

Journal of Planning Education and Research, 2006, 2008, 2011, 2013(3), 2014(2), 2015, 2016, 2017, 2018(2), 2019, 2020(3), 2021(2), 2022(2), 2024 (3)

Journal of Planning Literature, 2010, 2014, 2019, 2021

Journal of Road Safety, 2024

Journal of Urban Design, 2020(2), 2021(3)

Journal of Urbanism, 2009, 2012(2), 2013(3), 2016, 2017

Transportation Research Record: The Journal of the Transportation Research Board, 2009, 2010, 2012(3), 2013, 2014, 2015(2), 2016(4), 2017, 2018, 2021, 2022(2), 2023, 2024 (3)

Journal of Safety Research 2023

Journal of Transport and Health, 2018(3), 2023, 2024

Journal of Transport Geography, 2013, 2021, 2022(2)

Professional Geographer, 2013

Safety, 2015, 2016

Transportation Research Part A, 2014

Transport Policy, 2017, 2021, 2023

Transport Reviews, 2018, 2019(2)

Urban, Planning and Transport Research, 2021

Urban Studies, 2014, 2015(2), 2017

* When multiple articles were reviewed during a single year, the number of articles is indicated in parentheses.

HONORS AND AWARDS

- **Finalist, FAU Researcher of the Year Award.** Florida Atlantic University. 2019.
- **Top Reviewer.** Journal of Planning Education and Research. Award for excellence in scholarly manuscript review. 2013.
- **Student-Recognition Award for Teaching Excellence (SRATE).** University-wide award for excellence in teaching, based on student nominations. Texas A&M University. 2011.
- **Montague Teaching Scholar Award.** University-wide award for excellence in teaching by a tenure-track faculty member, based on faculty nominations. Texas A&M Center for Teaching Excellence, 2010.
- **Best Paper of 2009,** *Journal of the American Planning Association.* Received for Safe Urban Form: Revisiting the Relationship between Community Design and Traffic Safety. *Journal of the American Planning Association.* 75(3): 309-329.
- **Student-Led Award for Teaching Excellence (SLATE),** Texas A&M University. University-wide award for excellence in teaching, based on student nominations, 2009.
- **2006 Award for Outstanding Paper in Geometric Design.** Transportation Research Board, Received for “Design of Safe Urban Roadsides: An Empirical Analysis” published in *Transportation Research Record: Journal of the Transportation Research Board*, 1961, pp. 74-82.
- **Honorable Mention,** Atlanta Regional Commission’s Create Communities Program. Henry County Comprehensive Transportation Plan, 2006.
- **Outstanding Graduate Teaching Assistant Award,** College of Architecture, Georgia Institute of Technology, 2004
- **Eno Transportation Leadership Fellow,** Eno Foundation, 2003
- **FHWA Transportation Scholarship,** Georgia Institute of Technology, 2003
- **President’s Fellowship,** Georgia Institute of Technology, 2002-2003, 2003-2004, 2004-2005

- **Best Paper.** Wilbur Smith and Associates 50th Anniversary Conference, 2002. Received for the paper entitled “Highest and Best Transit Use: Rethinking the Role of Transit Authorities in Encouraging Transit-Oriented Development.”
- **First Union/New Jersey Department of Community Affairs Housing Fellow,** 2000
- **Daniel “Chappie” James Memorial Fellowship.** College scholarship for academic excellence. 1992.
- **Phi Theta Kappa Scholarship for Academic Excellence.** Scholarship for high-school students entering a 2-year post-secondary college. 1992.