

## **ERIC DUMBAUGH, Ph.D**

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### **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

### **ACADEMIC APPOINTMENTS**

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

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

**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-present.

**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.

**Research Assistant**, Department of Civil and Environmental Engineering, Georgia Institute of Technology, 2002-2005.

**Research Assistant**, Department of City and Regional Planning, Georgia Institute of Technology, 2001-2002.

**Research Assistant**, Strategies for Metropolitan Atlanta’s Transportation and Air Quality (SMARTRAQ), Georgia Tech, 2000-2001.

**Research Associate**, Bloustein School of Planning and Policy Development/Voorhees Transportation Center, Rutgers University, 1999-2000.

## **SCHOLARSHIP, RESEARCH, AND CREATIVE ACTIVITY**

### **Refereed Journal Articles**

1. J. Saginor and **E. Dumbaugh**. 2018. South Florida’s Brightline: The Public Costs of Private Rail: *ITE Journal*, September, pp. 33-39.
2. **Dumbaugh, E.** and M. King. 2018. Engineering Walkable Streets: A Thematic Review of Engineering Guidance and Recommendations for Practice. *Journal of the Planning Literature*. Accepted May 24, 2018. <https://doi.org/10.1177%2F0885412218783471>
3. Marshall, W., and **E. Dumbaugh**. 2018. “Revisiting the Relationship between Traffic Congestion and the Economy: A Longitudinal Examination of U.S. Metropolitan Areas.” *Transportation*. Accepted April 9, 2018. <https://doi.org/10.1007/s11116-018-9884-5>
4. **Dumbaugh, E.** and W. Marshall. 2017. The Future of Urban Transportation: A Roadmap to the 21<sup>st</sup> Century. *Research in Transportation Business and Management*. <https://doi.org/10.1016/j.rtbm.2017.09.001>
5. **Dumbaugh, E.**, J. Tumlin, and W. Marshall. 2014. Decisions, Data, and Values: Understanding Bias in Transportation Performance Measures. *ITE Journal*, August, pp. 20-25.

6. **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
7. **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.
8. Sperry, B,\* M. Burris and **E. Dumbaugh**. 2012. A Case Study of Induced Trips at Mixed Use Developments. *Environment and Planning B*, 39: 698-712.
9. **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.
10. **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
11. **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. **\*\*Recipient of 2009 Best Paper Award\*\***
12. 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.
13. **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.
14. **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.
15. **Dumbaugh, E.** 2006. The Design of Safe Urban Roadsides: An Empirical Analysis *Transportation Research Record: Journal of the Transportation Research Board* 1961: 74-82. **\*\*Recipient of 2006 Award for Outstanding Paper in Geometric Design\*\***
16. **Dumbaugh, E.** 2005. Safe Streets, Livable Streets. *Journal of the American Planning Association* 71(3): 283-298.
17. Mitra, S., S. Washington, **E. Dumbaugh**, M. Meyer, and Ashley Chang. 2005. Relationships between Governor's Highway Safety Associations and Transportation Planning. *Journal of Transportation Statistics* 8(1): 57-74.
18. 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?* 2005. Transportation Research Board, National Research Council, Washington DC.

19. **Dumbaugh, E.** 2004. Overcoming Financial and Institutional Barriers to Transit-Oriented Development *Journal of Public Transportation* 7(3): 43-69.
20. 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.

\* Denotes student co-author

### **Book Chapters**

1. **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.
2. **Dumbaugh, E.** (2013). A Positive Approach to Urban Road Safety. *Safety, Sustainability, and Future Urban Transport*. Eicher Goodearth, pp. 141-161.

### **Works Currently Under Review**

1. **E. Dumbaugh**, L. Merlin, and D. Saha. Towards Safe Systems: An Examination into the Nature of Traffic Crashes in Urban Environments. *Journal of the American Planning Association*. Submitted June 11, 2018.
2. Saha, D. **E. Dumbaugh**, and L. Merlin. Macroscopic Crash Risk Factors on Urban Streets: An Examination of Environmental Correlates and Modelling Approaches. *Transportation Research Record: Journal of the Transportation Research Board*. Submitted July 25, 2018.
3. Merlin, L. A. Mohamedi, C. Cherry, and **E. Dumbaugh**. Residential Accessibility's Relationship with Crash Rates per Capita. *Transportation Research Record: Journal of the Transportation Research Board*. Submitted July 31, 2018.

### **Research Monographs**

1. **Dumbaugh, E.** (2016). *Urban Street Design Guidance: A Review*. Report prepared for the Institute of Transportation Engineers. November 17.
2. **Dumbaugh, E.** and N. Estevez\* (2013). *Creating a Vibrant, Livable South Florida*: Report to the John D. and Catherine T. MacArthur Foundation. September.
3. Dumbaugh, E and A. McMaster\* (2012). *Placemaking and Civic Engagement*: Report to the John D. and Catherine T. MacArthur Foundation. September.

4. **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. June.
5. **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. May.
6. 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. July.
7. 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. March.
8. 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.
9. **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. July.
10. **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.
11. **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.
12. **Dumbaugh, E.** (2006). *Access Management Planning Assistance Program: Enhancing the Safety of Arterial Roadways in the Atlanta Metropolitan Region*. Atlanta: Atlanta Regional Commission.
13. 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.
14. **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.

15. 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.
16. 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.
17. 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.
18. 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.
19. **Dumbaugh, E.** (2001). *Flexibility in Transportation Financing: An Overview of State Experiences Using GARVEE Bond Financing*. Atlanta: Atlanta Regional Commission.
20. **Dumbaugh, E.** (2001). *Recommendations for Performance Measure Enhancements*. Atlanta: Atlanta Regional Commission.
21. **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

### **Book Reviews**

1. **Dumbaugh, E.** (2018). Review of Beyond Mobility: Planning Cities for People and Places. *Journal of the American Planning Association*.
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.

### Refereed Conference Proceedings

1. **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.
2. **Dumbaugh, E.,** W. Li, and K. Joh. (2012). The Built Environment and the Incidence of Pedestrian and Cyclist Crashes. Transportation Research Board 91<sup>st</sup> Annual Conference Proceedings. January, 2012.
3. 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 89<sup>th</sup> Annual Conference Proceedings. January, 2010.
4. **Dumbaugh, E.** and L.D. Frank. (2007). “Traffic Safety and Safe Routes to Schools: Synthesizing the Empirical Evidence.” Transportation Research Board 86<sup>th</sup> Annual Conference Proceedings [CD-ROM]. January, 2007.
5. **Dumbaugh, E.** (2006). “The Design of Safe Urban Roadways: An Empirical Analysis.” Transportation Research Board 85<sup>th</sup> Annual Conference Proceedings.
6. **Dumbaugh, E.,** M. Meyer and S. Washington. (2004). “Incorporating Highway Safety Agencies into Safety-Conscious Planning Processes.” Transportation Research Board 83<sup>rd</sup> Annual Conference Proceedings.
7. **Dumbaugh, E.** and M. Meyer. (2003). “Exploring the Relationship between Agency Performance Measures and Operations Investments in a Metropolitan Area.” Transportation Research Board 82<sup>nd</sup> Annual Conference Proceedings.
8. **Dumbaugh, E.,** R. Ewing, and M. Brown. (2001). “A Study of Internal Capture Rates for Mixed Use Developments in South Florida.” Transportation Research Board 80<sup>th</sup> Annual Conference Proceedings.

### Refereed Conference Presentations

#### **National**

“Achieving Vision Zero Applying the Lessons of Systems Engineering to Land Use & Transportation Planning.” ACSP 58<sup>th</sup> Annual Conference. Buffalo, NY, October 26, 2018.

“Residential Perceptions of a Proposed High-Speed Rail Project in Florida.” ACSP 58<sup>th</sup> Annual Conference. Buffalo, NY, October 26, 2018.

“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.

The Future of Urban Transportation: A Roadmap to the 21st Century. ACSP 57th Annual Conference. Denver, Colorado, October 12-15, 2017

“Cities and the Future of Urban Transportation.” 25<sup>th</sup> Congress for the New Urbanism. May 6, 2017

“Livability and the Future of Urban Transportation.” Transportation Research Board 4<sup>th</sup> Urban Street Symposium. Chicago, IL. June 24, 2012.

“Beyond Bike Lanes: Building a Culture of Bicycle Safety.” 20<sup>th</sup> Congress for the New Urbanism. West Palm Beach, Florida, May 12, 2012.

[http://www.youtube.com/watch?v=5cC3eRPA\\_wQ&feature=plcp](http://www.youtube.com/watch?v=5cC3eRPA_wQ&feature=plcp)

“How Did We Stop Walking and How Can We Start Again: the Dawn of the Motor Age in the American City.” 20<sup>th</sup> Annual Congress for the New Urbanism. West Palm Beach, Florida, May 10, 2012. <http://www.youtube.com/watch?v=IdYcx3n4Xq8&feature=plcp>

“Traffic Safety and Urban Design.” 20<sup>th</sup> Annual Congress for the New Urbanism. West Palm Beach, Florida, May 9, 2012

“The Built Environment and the Incidence of Pedestrian and Cyclist Crashes.” Transportation Research Board 91st Annual Meeting. Washington DC. January, 2012.

“Designing Communities for the Safety of Older Pedestrians and Motorists.” ACSP 52<sup>nd</sup> Annual Conference. Salt Lake City Utah. October 13, 2011.

“On a Collision Course: Smart Growth and Traffic Safety.” 10<sup>th</sup> Annual New Partners for Smart Growth Conference, Charlotte. February 3, 2011.

“Urban Design Strategies for Linking Safety and Livability.” Transportation Research Board Transportation for Livability Communities Conference. Washington DC. October 18, 2010.

“Urban Form and the Incidence of Pedestrian, Cyclist, and Motorist Crashes.” Association of Collegiate Schools of Planning 51<sup>st</sup> Annual Conference. Minneapolis, MN. October 9, 2010

“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.

“Safe Urban Form: Revisiting the Relationship between Community Design and Traffic Safety.” Association of Collegiate Schools of Planning 50<sup>th</sup> Anniversary Conference. Crystal City, VA. September, 2009.



“Putting the Arterial in Context.” Congress for the New Urbanism 17. Denver, CO. June 11, 2009.

“Narrow Streets and the Fire Truck: Speed, Traffic Safety and Street Design.” Congress for the New Urbanism XVI, Austin, TX. April 4, 2008.

“Enabling Great Streets.” Congress for the New Urbanism 16. Austin, TX. April 3, 2008.

“Narrow Streets and Traffic Safety. EPA/CNU Workshop on Smart Growth Streets and Emergency Response.” Austin, TX, April 1, 2008

“Context Matters: Re-Examining the Role of the Built Environment on Traffic Safety.” Third Urban Street Symposium. Seattle, WA. June 25, 2007.

“Putting Traffic in its Place: Using the New CNU/ITE Manual.” Congress for the New Urbanism 15. Philadelphia, PA. May 17, 2007.

“Traffic Safety and Safe Routes to Schools: Synthesizing the Empirical Evidence.” Transportation Research Board 86<sup>th</sup> Annual Conference. Washington DC: January, 2007.

“The Design of Safe Urban Roadsides.” Transportation Research Board 85<sup>th</sup> Annual Conference. Washington DC. January, 2006.

“The Built Environment and Traffic Safety.” Association of Collegiate Schools of Planning 46<sup>th</sup> Annual Conference. Kansas City, MO. October, 2005

“Safe and Livable Urban Streets: An Empirical Analysis.” American Collegiate Schools of Planning 46<sup>th</sup> Annual Conference. Kansas City, MO. October 2005.

“Incorporating Highway Safety Agencies into Safety-Conscious Planning Processes.” 83<sup>rd</sup> Annual Meeting of the Transportation Research Board. Washington DC. January, 2004 (with Michael Meyer and Simon Washington)

“Exploring the Relationship between Agency Performance Measures and Operations Investments in a Metropolitan Area.” 82<sup>nd</sup> Annual Meeting of the Transportation Research Board. Washington DC. January, 2003.

“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.

“The Freedom Parkway: Visionary Politics in Atlanta.” Paper presented at the 9th Biennial Conference on Planning History. Philadelphia, PA. November, 2001.

“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**

“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.

“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.

“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).

“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).

“6 Practical Community Design Solutions for Addressing the Safety and Mobility of Seniors.” International Conference on Sustainable Urbanism. College Station, TX. April, 2007.

## **Other Works**

Dumbaugh, E., L. Merlin, and J. Renne. “Planners seek to create options, not remove them. Opinion Article. *Sun-Sentinel*. November 1, 2016.

Dumbaugh, E. (2012) “Rethinking the Economics of Traffic Congestion.” *The Atlantic Cities*. June 1. <http://www.theatlanticcities.com/commute/2012/06/defense-congestion/2118/>

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)

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).

Dumbaugh, E. “Safety Trade Offs on Upper Kirby” *Houston Chronicle*. June 23, 2008.

## **Invited Presentations**

### **International**

“Urban Development and Traffic Safety in the Developing World.” WRI Ross Center for Sustainable Cities. January 18, 2016.

“Designing Our Cities to Achieve the World Bank’s Sustainable Development Goals (SDGs).” Transforming Transport 2016. World Bank, Washington DC. January 15, 2016.

“What is Successful Urban Development and How Do We Measure It?” Transforming Transportation. World Bank. Washington DC, January 18, 2013.

“Community Design and Traffic Safety.” EMBARQ Workshop on Urban Development and Road Safety. Mexico City. November 2, 2012

“Transportation Design Strategies for Sector Planning in India.” EMBARQ Workshop on Urban Development and Road Safety. Rio de Janeiro. September 13, 2012

“Traffic Safety in the Developing World.” EMBARQ Workshop on Urban Development and Road Safety. Rio de Janeiro. September 12, 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. March 11, 2012.

## **National**

“Safe Systems: What Does it Mean for Vision Zero?” Webinar sponsored by the Vision Zero Network. August 20, 2018

“A Model for the Provision of Safe Systems in Urban Environments.” Webinar sponsored by the Collaborative Sciences Center for Road Safety. November 29, 2017

“Principles for Livable Transportation.” Mayors Institute of City Design, National Endowment for the Arts. Miami, FL. September 22, 2016.

“Achieving Vision Zero.” Transportation and Communities Summit. Portland, OR. September 8, 2016.

“Fixing Your Traffic Problems with Updated Approaches to Roads, Transit, and Parking.” The Citybuilding Exchange. New Orleans, LA. March 10, 2016.

“Urban Highways and Social Justice.” Invited Lecture to the Ford Foundation and the Congress for the New Urbanism. New York, NY. October 2, 2014.

“Highways to Boulevards: Network-Based Solutions.” Webinar sponsored by the Ford Foundation and hosted by the Congress for the New Urbanism. June 12, 2014.

“Data Collection for Safe, Livable Streets.” Designing Cities: Annual Meeting of National Association of City Transportation Officials. Phoenix, AZ. October 29, 2013.

“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>

“Looking Beyond the Street: The Critical Role of Land Use in Urban Traffic Safety.” University of Connecticut Transportation Seminar. Storrs, Connecticut. October 24, 2011.

“Safety and Urban Form.” Heartland Active Transportation Summit. Omaha, NE. Sept 30, 2011.

“Perceptual Engineering.” 2010 Annual Traffic Safety Forum. Rutgers Center for Advanced Infrastructure and Transportation. New Brunswick, NJ. October 20, 2010.

“Transportation, Traffic Safety, and Community Design.” Georgia Urban Forest Council 2009 Annual Conference. Stockbridge, GA, November 5, 2009.

“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]**

“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>

“Design for Context: Addressing Safety and Mobility through Urban Design.” Portland Metro. Portland, OR. October 15, 2009.

“Balancing Traffic Safety and Livability on Urban Streets.” North Carolina Chapter of the Institute of Transportation Engineers. Charlotte, NC. June 13<sup>th</sup>, 2008

“On the Horizon: Future Directions in the Use of Traffic Safety Data.” 30th Annual Traffic Records Safety Forum. Nashville, TN. July, 2004.

“Integrating Safety into the Transportation Planning Process.” Federal Highway Administration Safety-Conscious Planning Forum, Baton Rouge, LA. April, 2004. **[Keynote Speaker]**

### ***State/Regional/Local***

“National Best Practices for Safe and Complete Streets.” Community Forum. City of West Palm Beach, July 19, 2016.

“The Future of Urban Transportation.” Lynn University. Sustainability Lecture Series. Boca Raton, Fl. March 24, 2016.

“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

“Creative Placemaking.” C’est La Via Kick-off Meeting. West Palm Beach FL, February 27, 2014.

“Urban Design and the Safety and Mobility of Older Adults.” Nova Southeastern University Occupational Therapy Program. Davie, FL. March 7, 2013.

“Designing for the Safety and Mobility of Older Adults.” Florida Department of Elder Affairs 2012 Regional Housing Forum. Davie, FL. October 25, 2012.

“Livability and the Future of Urban Transportation.” Texas A&M University Department of Landscape Architecture and Urban Planning. College Station, TX. September 26, 2012

“Tactical Urbanism.” Purple Line Kick-off Meeting. Miami, Florida, August 24, 2012.

“Complete Streets.” City of Fort Lauderdale Transportation Summit. Fort Lauderdale Florida, May 9, 2012.

“Complete Streets.” San Antonio Traffic Safety Forum. San Antonio, TX. October 12, 2010.

“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>

“Designing for Context: Addressing Safety and Mobility through Urban Design.” Aggie Workshop. College Station, TX. February 29, 2009.

“Enhancing TxDOT Business Practices through an Integrated Approach to Transportation and Urban Design.” TxDOT Urban Thoroughfares Committee. Austin, TX. March 5, 2008.

“Designing for Context: Addressing Safety and Mobility through Urban Design.” University Transportation Center for Mobility Colloquium. College Station, TX. November 12, 2007.

“Incorporating Safety into Long-Range Planning Efforts.” San Antonio Traffic Safety Forum. San Antonio, TX. July 31, 2007. [**Keynote**]

“Safe Streets, Livable Streets.” Winter Meeting of the Texas Institute of Transportation Engineers. Houston, TX. February, 2007.

“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.

“Rethinking the Role of Transit Authorities in Encouraging Transit-Oriented Development.” Wilbur Smith and Associates 50<sup>th</sup> Anniversary Conference. Atlanta, GA. May, 2002.

“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.

**Creative Activities**

**C’est La Via: Rethinking the Alleyways.** April 12, 2014. As part of the Spring 2014 course on Creative Placemaking, co-taught with Sherryl Muriente, I helped lead a community visioning and tactical urbanism project in the City of West Palm Beach that sought to transform urban alleys into pedestrian “vias.”

**Park(ing) Day 2013.** September 20, 2013. Sponsor and participant of an interdisciplinary team of students, faculty, and local stakeholders to transform 5 on-street parking spaces in West Palm Beach into parklets. The positive response to the event by both local businesses and local officials has let to city undertake a longer-term pilot installation using the modular parklet created by Sherryl Muriente and LeJobart for the event.

**Purple Line Miami.** March 8-9, 2013. Sponsor of coordinator of a tactical urbanism project that transformed a highway underpass in Miami 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 the population, create a forum for advocating for future transit investments in South Florida, and to identify barriers, such as bicycle and pedestrian safety, that hinder the effective use of transit. The event was attended by more than 3,000 people and was heavily featured in the local press.

**Park(ing) Day 2012.** September 21, 2012. Organized student teams in the transformation of three parking spaces in downtown Fort Lauderdale into urban parklets. Installations included a street café, pop-up transit station and information kiosk, and an urban garden. The event sought to generate public enthusiasm surrounding Fort Lauderdale’s forthcoming streetcar project, the Wave and to encourage the reclamation of parking spaces for public use. Following the demonstration, the City of Fort Lauderdale adopted a policy for allowing local businesses to transforming parking spaces to parklets.

**Better Block Fort Lauderdale.** June 16, 2012. Organizer of a tactical urbanism project that transformed the 600 block of NW 1<sup>st</sup> avenue into a livable street, demonstrating the applicability of “shared space” traffic calming devices in South Florida. The project resulted in the establishment of a network of advocates focused on the development and promotion of the FAT Village Arts district, including the establishment of the Flagler Village Community Garden.

**EXTERNAL GRANTS**

<b>Project Title</b>	<b>Sponsor</b>	<b>Role</b>	<b>Dates</b>	<b>Amount</b>
Collaborative Sciences Center for Road Safety (National UTC)	USDOT Office of the Secretary – Research and Technology	PI (with UNC Chapel Hill)	2016-2022	\$1,500,000

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
			<b>TOTAL</b>	<b>\$2,319,682</b>

### COURSES TAUGHT AT FAU

Semester	Course #	Course Title	SPOT 20	SPOT 21
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Fall 2011	URP 6101	Planning Process and Skills	1.71	2.18
Spring 2012	URP 4120	Plan Implementation Strategies	1.46	1.41
Spring 2012	URP 4930	Urban Transportation Planning	1.44	1.78
Summer 2012	URP 4870	Site Planning	1.67	2.00
Summer 2012	URP 6873	Site Planning	1.30	1.40
Fall 2012	URP 6101	Planning Process and Skills	1.88	1.88
Spring 2013	URP 6979	Planning Project	NA	NA
Fall 2013	URP 6101	Planning Process and Skills	1.65	1.82
Spring 2014	URP 4930	Intro to Transportation Planning	1.80	1.40
Spring 2014	URP 6711	Intro to Transportation Planning	1.50	1.27
Spring 2014	URP 4930	Creative Placemaking	1.71	2.00
Spring 2014	URP 6930	Creative Placemaking	1.67	1.67
Fall 2014	URP 6101	History and Theory of Planning	1.58	1.37
Spring 2015	6711/4930	Intro to Transportation	1.46	1.54
		<b>Mean</b>	<b>1.60</b>	<b>1.67</b>
				<b>SPOT 6</b>
Fall 2015	URP 2051	Designing the City		1.23
Fall 2015	URP 6101	History and Theory of Planning		1.08
Spring 2016	URP 6711/4930	Intro to Transportation		2.25
Spring 2016	URP 2051	Designing the City		2.00
Summer 2016	URP 2051	Designing the City		1.46



Fall 2016	URP 6101	History and Theory of Planning		1.55
Fall 2016	URP 2051	Designing the City		1.43
Spring 2017	URP 2051	Designing the City		1.45
Spring 2017	URP 2051	Designing the City		1.40
Fall 2017	URP 6101	History and Theory of Planning		1.50
Spring 2018	URP 2051	Designing the City		1.31
		<b>Mean</b>		<b>1.51</b>

### **Doctoral Committees (Member)**

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**

### **Department/School Service**

#### *Florida Atlantic University*

**Member**, Committee on Faculty Diversity, April, 2018-Present

**Interim Director**, School of Urban and Regional Planning, July, 2012—December, 2014. Assumed leadership of the School during a period of change. Accomplishments during my tenure include:

- SURP increasing its ranking to the 7<sup>th</sup> 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 SURP Placemaking and Civic Engagement program, engaging students in the design and implementation of placemaking interventions in partnership with the cities of Fort Lauderdale and West Palm Beach.

- Re-activation of the Catanese Center for Urban and Environmental Solutions (CUES), including:
  - Securing the MacArthur Endowment Fund to support CUES operations, including support for a full-time staff person and 4 graduate assistants.

**Graduate Coordinator**, School of Urban and Regional Planning. August, 2011—December, 2012; May, 2014—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

**Faculty Search Committee Member**, 2014

### College Service

**Inaugural Co-Chair**, CDSI Faculty Assembly Steering Committee. December, 2015-June, 2016.

**Member**, Graduate Committee. August 2014-present.

**School Representative**, Fort Lauderdale Campus Relocation Working Group, July, 2012—December, 2013.

### University Service

**Member**, University Graduate Programs Committee, March 2018-present

**Senator**, United Faculty of Florida-FAU. Elected for 2018-2019 academic year.

- **Member**, Recruitment Task Force. April 2018-present

**Graduate Programs Committee**. CDSI Representative. February, 2018-present.

**Member**, Healthy Campus 2020. 2014-2016

**Member**, Healthy Campus 2020 Healthy Lifestyles Subcommittee. 2014-2016

## **Texas A&M University (2006-2011)**

**Inaugural Program Coordinator**, Graduate Certificate in Transportation Planning, 2007-2011

**Chair**, Graduate Certificate in Transportation Planning Advisory Committee, 2008-2011

**Chair**, Transportation Faculty Search Committee, Landscape Architecture and Urban Planning, 2009-2010.

**Member**, Master of Urban Planning Degree Advisory Committee, Landscape Architecture and Urban Planning, 2006 -2011

**Member**, B.S. in Urban and Regional Science Advisory Committee, Landscape Architecture and Urban Planning, 2007-2011.

**Member**, Transportation Faculty Search Committee, Landscape Architecture and Urban Planning, 2007-2008.

**Member**, Land Development Faculty Search Committee Landscape Architecture and Urban Planning, 2007-2008.

**Member**, Community Outreach Committee, Landscape Architecture and Urban Planning, 2006-2007.

## **Professional Service**

### ***Editorial***

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

- **Best Paper Award Committee**, *Journal of the American Planning Association*, 2016-present

### ***Scientific Reviews/Expert Panelist***

**Expert Panelist**, Gowanus Greenway Project, New York City DOT. 2016.

**Technical Advisory Group Member**, Walkable Urban Thoroughfares Manual, 2<sup>nd</sup> Edition. Institute of Transportation Engineers, 2016.

**Technical Advisory Group Member**, Safety in the Project Development Process: A Context-Sensitive Approach. Institute of Transportation Engineers. 2013-2015

**Technical Advisory Committee Member**, Broward County Complete Street Program, 2012-2015

**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

### *Events*

**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 21<sup>st</sup> 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 Member**, 20<sup>th</sup> Annual Congress for the New Urbanism. 2011-2012.

### ***Organizational Memberships***

**Working Group Member**, Project for Transportation Reform. Congress for the New Urbanism, 2007-2016.

**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-Present

**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.

### ***Proposal Reviews\****

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

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

Mountain-Plains Consortium, 2015, 2017

Swiss National Science Foundation, 2011

University of California Davis Sustainable Transportation Center, 2010

Oregon Transportation Research and Education Consortium, 2010(3)

University California Transportation Center, 2010

Oregon Transportation Research and Education Consortium, 2008

*\* 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

*Cityscape*, 2009

*International Journal of Environmental Research and Public Health*, 2016

*Journal of the American Planning Association*, 2006, 2008, 2009(3), 2010(3), 2013, 2014, 2015(3), 2016(2), 2017(2), 2018(3)

*Journal of Planning Education and Research*, 2006, 2008, 2011, 2013(3), 2014(2), 2015, 2016, 2017

*Journal of Planning Literature*, 2010, 2014

*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

*Journal of Transport and Health*, 2018 (2)

*European Journal of Transport and Infrastructure Research*, 2012

*Journal of Transport Geography*, 2013

*Professional Geographer*, 2013

*Safety*, 2015, 2016

*Transportation Research Part A*, 2014

*Transport Policy*, 2017

*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**

**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, Texas A&M University. 2011.

**Montague Teaching Scholar Award.** University-wide award for excellence in teaching by a tenure-track faculty member. 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, 2009.

**2006 Award for Outstanding Paper in Geometric Design.** Transportation Research Board, Received for “Design of Safe Urban Roadways: 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

**Chappie James Memorial Fellowship,** 1992

**Phi Theta Kappa Scholarship for Academic Excellence,** 1992