

# CURRICULUM VITAE

## TIMOTHY F. WELCH

School of City and Regional Development  
Georgia Institute of Technology  
760 Spring St., Suite 213  
Atlanta, GA 30308  
(404) 385-5114  
tim.welch@design.gatech.edu

### RESEARCH INTERESTS:

Transport economics and forecasting; transportation-land use and environmental interactions; accessibility and equity issues in transportation, public transit systems; integrated travel demand, land use and emissions modelling.

### ACADEMIC POSITIONS:

2013- Present Assistant Professor, School of City and Regional Planning, Georgia Institute of Technology

2013- Present Assistant Director, Center for Quality Growth and Regional Development

2013- Present Faculty Affiliate, National Center for Smart Growth Research and Education

2012- 2013 Faculty Research Associate, University of Maryland, National Center for Smart Growth Research and Education

### EDUCATION

Ph.D. Urban and Regional Planning, University of Maryland, 2013  
Dissertation: *Climate Action Plans – Fact or Fiction? Evidence from Maryland*  
Committee: Gerrit Knaap (co-advisor), Fred Ducca (co-advisor), Hiro Iseki, Lei Zhang and Robert Nelson

M.S.P. Urban and Regional Planning, Florida State University, 2010  
Thesis: *Estimating the Effects of Transportation Infrastructure Proximity Using Multiple Longitudinal Regression Methods: The Case of Atlanta*  
Advisor: Dr. Gregory L. Thompson

J.D. University of Detroit Mercy, 2008

LL.B. Bachelor of Laws, University of Windsor, 2008

B.A. Finance & Business Administration, Washington State University, 2004

## PUBLICATIONS:

### *Refereed Journal Articles:*

**Welch, T.**, Gehrke, S., Widita, A., (In Press) Rideshare Competition: A Trip-level Analysis of Taxi, Bikeshare, and Transit Mode Choice in Washington, DC, *Transportmetrica, Part A*

**Welch, T. F.**, Gehrke, S. R., & Farber, S. (2018). Rail station access and housing market resilience: Case studies of Atlanta, Baltimore and Portland. *Urban Studies*, 0042098018760708.

Fan, W., Ergogan, S., **Welch, T.F.** & Ducca, F. (2017). Use of Statewide Models as a Decision Tool for Zero-Emission Vehicles Deployment. *Transportation Research Record: Journal of the Transportation Research Board*. 2628: 78–86. <http://dx.doi.org/10.3141/2628-09>

Gehrke, S. & **Welch, T. F.** (2017). The built environment determinants of activity participation and walking near the workplace. *Transportation*, 1-16.

**Welch, T.**, Gehrke, S., & Wang, F. (2016). A hedonic spatial panel approach to estimating the impact of network access to bike and public transit facilities on housing prices, *Transport Geography*, 54, 264-272

Wang, Y, **Welch, T. F.**, Bing, W., Ye, X. & Ducca, F. (2016). Impact of transit-oriented development policy scenarios on travel demand measures of mode share, trip distance and highway usage in Maryland. *KSCE Journal of Civil Engineering*. 20(3).

Mishra, S., Kumar, A., Golias, M., **Welch, T. F.**, Taghizad, H. & Haque, K. (2016). Transportation Investment Decision Making for Medium to Large Transportation Networks. *Transportation in Developing Economies* (In press).

Kumar, A., Haque, K., Mishra, S., Golias, M. & **Welch, T.F.** (Accepted). A Multi-Criteria Based Approach to Identify Critical Links in a Transportation Network. *Transportation Research Record: Journal of the Transportation Research Board*.

**Welch, T. F.**, Mishra, S. & Wang, F, (2015). Interrelationship Between Airport Enplanements and Accessibility: Case of Three Airports in Metropolitan Washington, D.C., Region. *Transportation Research Record* (In press).

Mishra, S., **Welch, T. F.**, Torrens, P. M., Fu, C., Zhu, H., & Knaap, E. (2015). A tool for measuring and visualizing connectivity of transit stop, route and transfer center in a multimodal transportation network. *Public Transport*, 1-23.

Cui, Y., Mishra, S., **Welch, T. F.**, (2014). Land use effects on bicycle ridership: a framework for state planning agencies. *Journal of Transport Geography*, 41, 220-228.

**Welch, T. F.**, & Mishra, S. (2014). A Framework for Determining Road Pricing Revenue Use and Its Welfare Effects. *Research in Transportation Economics*. 44, 61-70

**Welch, T. F.**, Mishra, S. (2014) Envisioning an Emission Diet: Application of Travel Demand Mechanisms to Facilitate Policy Decision Making, *Transportation*. 41 (3), 611-631

**Welch, T. F.** (2013). Equity in transport: The distribution of transit access and connectivity among affordable housing units. *Transport Policy*, 30, 283-293. <http://dx.doi.org/10.1016/j.tranpol.2013.09.020>

**Welch, T. F.**, & Mishra, S. (2013). A measure of equity for public transit connectivity. *Journal of Transport Geography*, 33, 29-41. <http://dx.doi.org/10.1016/j.jtrangeo.2013.09.007>

Mishra, S., **Welch, T.F.** & Chakraborty (2013). An Experiment in Mega-Regional Road Pricing Using Advanced Commuter Behavior Analysis. *Journal of Urban Planning and Development*. [http://dx.doi.org/10.1061/\(ASCE\)UP.1943-5444.0000175](http://dx.doi.org/10.1061/(ASCE)UP.1943-5444.0000175)

Erdogan, S., **Welch, T.F.**, Knaap, G & Ducca, F. (2013). What to Expect In 2030: The Impacts of Fuel Prices and Fuel Efficiency on Land Use and Transportation. *Transportation Research Record: Journal of the Transportation Research Board*, 2397(1), 89-98.

Mishra, S., **Welch, T. F.** & Jha, M. K. (2012). Performance Indicators for Public Transit Connectivity in Multi-Modal Transportation Networks. *Transportation Research Part A: Policy and Practice*, 46(7), 1066–1085. doi:10.1016/j.tra.2012.04.006

Mishra, S., **Welch, T.F.** (2012). A Joint Travel Demand and Environmental Model to Incorporate Emission Pricing For Large Transportation Networks. *Transportation Research Record: Journal of the Transportation Research Board* 2302 (December 1): 29–41. doi:10.3141/2302-04.

*Refereed Journal Articles Under Review:*

**Welch, T.F.**, Widita, A., Big data in public transportation: A review of sources and methods. *Transport Reviews*, (Under Review).

**Welch, T.F.**, The Relationship Between Transit Stations and Crime: A Spatial Pattern Analysis of major US transit systems. *Journal of Regional Science*, (Under Review).

Gehrke, S., **Welch, T.F.**, A bikeshare station area typology to forecast the station-level ridership of system expansion, *Computers, Environment and Urban Systems*, (Revise and Resubmit)

Wang, Y., Mishra, S., **Welch, T.F.**, Wu, B., Zou, Y., An Integrated Travel Demand and Accessibility Model to Examine the Impact of New Infrastructures Using Travel Behavior Responses. *Journal of Advanced Transportation*, (Under Review).

**Welch, T.F.**, Kumar, A., Widita, A., Mishra, S., Constructing a Nationally Comparable Measure of Transit Performance Using GTFS Data. *Transportation*, (Under Review).

**Welch, T.F.**, Valuing Access: The long-term property value effects of transit investments, *Transport Policy*, (Under Review)

**Welch, T.F.**, Ma, T., Mishra, S., Public Transit Resilience to Service Disruptions, *Transportation Science*, (Under Review)

### *Book Chapters*

**Welch, T.**, S. Mishra, & M.K. Jha (2012). Transit Service Indicators for Alternative Route Structure Analysis, in *Applied Mathematics in Electrical & Computer Engineering (Jan. 2012)*, M.K. Jha, M. Lazard, and A. Zaharim (eds.), WSEAS Press, 45-50, *proceedings of the 2012 WSEAS International Conference on Computer Engineering and Applications (CEA' 12)*, Harvard University, Boston, MA, Jan. 25-27, 2012.

### *Book Reviews*

**Welch, T.** and Knaap, G. J. (2012), Perverse Cities: Hidden Subsidies, Wonky Policy, and Urban Sprawl by Pamela Blais. *Journal of Regional Science*, 52: 527–528. doi: 10.1111/j.1467-9787.2012.00780\_13.x

### *Peer-Reviewed Conferences and Proceedings*

**Welch, T.**, Gehrke, S., Farber S. & Widita, A., (2017, January). Rail Station Access and Housing Market Resilience: Case Studies of Atlanta, Baltimore, and Portland, *96th Annual Meeting of the Transportation Research Board*, Washington, D.C.

Gehrke, S. and **Welch, T.F.**, (2017, January). A Bikeshare Station Area Typology to Forecast the Station-Level Ridership Activity of System Expansion, *96th Annual Meeting of the Transportation Research Board*, Washington, D.C.

Ross, C., **Welch, T.F.**, Kumar, A., & Hylton, P., (2017, January). Air Quality and Health Impacts of Freight on Small Urban and Rural Areas, *96th Annual Meeting of the Transportation Research Board*, Washington, D.C.

Fan, W., Ergogan, S., **Welch, T.F.** & Ducca, F. (2017, January). Use of Statewide Models as a Decision Tool for Zero-Emission Vehicles Deployment, *96th Annual Meeting of the Transportation Research Board*, Washington, D.C.

Kumar, A., Haque, K., Mishra, S., Golias, M. & **Welch, T.F.** (2017, January). A Multi-Criteria Based Approach to Identify Critical Links in a Transportation Network, *96th Annual Meeting of the Transportation Research Board*, Washington, D.C.

Ross, C., Kumar, A., **Welch, T.F.**, Wang, F., & Hylton, P. (2017, January). Disaggregation of Nationwide Commodity Movement Data to County-to-County and State Level TAZs, *96th Annual Meeting of the Transportation Research Board*, Washington, D.C.

Gehrke, S. and **Welch, T.F.**, (2016, November). A Bikeshare Station Area Typology to Forecast the Station-Level Ridership Activity of System Expansion, *Association of Collegiate Schools of Planning conference*, Portland, OR.

Fan, W., Erdogan, S., **Welch, T. F.**, (2016, January). Assessing HOV to HOT Lane Conversion: Multiscale Analysis in Maryland, *95th Annual Meeting of the Transportation Research Board*, Washington, D.C.

- Mishra, S., Kumar, A., **Welch, T.**, Taghizad, H. & Khademul, H. (2015, December). Transportation Investment Decision Making for Medium to Large Transportation Networks. *Conference of Transportation Research Group of India (CTRG)*. Bangalore, India.
- Welch, T.F.**, Gehrke, S., Wang, F., (2015, November). A hedonic spatial panel approach to estimating the impact of network access to bike and public transit facilities on housing prices, *61st Annual North American Meetings of the Regional Science Association International*, Portland, OR
- Welch, T.F.**, Gehrke, S., Wang, F., (2015, October). A hedonic spatial panel approach to estimating the impact of network access to bike and public transit facilities on housing prices, *Association of Collegiate Schools of Planning conference*, Houston, TX.
- Welch, T. F.**, (2015, January). Long-Term Property Value Effects of Transit Investments: A Comprehensive Multi-method Approach, *94th Annual Meeting of the Transportation Research Board*, Washington, D.C.
- Welch, T.F.**, Gehrke, S., Wang, F., (2015, January). A hedonic spatial panel approach to estimating the impact of network access to bike and public transit facilities on housing prices, *94th Annual Meeting of the Transportation Research Board*, Washington, D.C.
- Welch, T. F.**, Mishra, S. & Wang, F., (2015, January). Interrelationship Between Airport Enplanements and Accessibility: Case of Three Airports in Metropolitan Washington, D.C., Region, *94th Annual Meeting of the Transportation Research Board*, Washington, D.C.
- Cui, Y., Mishra, S., **Welch, T. F.**, (2015, January). Estimating Land Use Effects on Bicycle Ridership, *94th Annual Meeting of the Transportation Research Board*, Washington, D.C.
- Sarker, A., Mishra, S., **Welch, T. F.**, Golias, M., Torrens, P., (2015, January). Model Framework for Analyzing Public Transit Connectivity and Its Application in a Large-Scale Multimodal Transit Network, *94th Annual Meeting of the Transportation Research Board*, Washington, D.C.
- Welch, T.**, (2014, November). Climate Action Plans – Fact or Fiction? Evidence from Maryland. *61st Annual North American Meetings of the Regional Science Association International*, Washington, DC (National)
- Welch, T.**, (2014, October). Climate Action Plans – Fact or Fiction? Evidence from Maryland. . *Association of Collegiate Schools of Planning conference*, Philadelphia, PA (National)
- Mishra, S., **Welch, T.**, Mahapatra, S., (2014, April). A Time Series Approach to Forecast Highway Peak Period Spreading and Its Application in Travel Demand Modeling. *2014 Transportation Research Board Innovations in Travel Modeling*, Baltimore, MD (National)
- Welch, T.**, (2014, April). Climate Action Plans – Fact or Fiction? Evidence from Maryland. *The American Planning Association's 2014 National Planning Conference*, Atlanta, GA (National)

Avin, U., **Welch, T.**, Knaap, G., Ducca, F., Mishra, S., Cui, Y., Erdogan, S., (2014, March). Even Smarter Growth? Land Use, Transportation, and Greenhouse Gas Emissions in Maryland. *2014 Transportation Research Board Transportation Land Use Planning and Air Quality Conference*, Charlotte, NC (National)

Wang, Y., **Welch, T.**, Ducca, F., Bing, W. (2014, January). Impact of Transit-Oriented Development Scenarios on Transportation in Maryland. *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C. (National)

Mishra, S., **Welch, T.**, Torrens, P., Zhu, H., Knaap, E., (2014, January). Locating the Most Connected Transit Stop, Route, and Transfer Center: Tool for Users and Decision Makers. *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C. (National)

Avin, U., **Welch, T.**, Knaap, G., Ducca, F., Mishra, S., Cui, Y., Erdogan, S., (2014, January). Even Smarter Growth? Land Use, Transportation, and Greenhouse Gas Emissions in Maryland. *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C. (National)

Zhu, X., Mishra, S., **Welch, T.** (2014, January). Modeling and Forecasting Household Workers by Occupation in Metropolitan Areas: Mesoscopic Framework. *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C. (National)

Ma, T., Ducca, F., **Welch, T.** (2014, January). Megaregions--The Economic Ties: Case Study of the Chesapeake Mega-Region. *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C. (National)

**Welch, T.**, Mishra, S. (2013, November). A Framework for Determining Road Pricing Revenue Use and Its Welfare Effects. *60th Annual North American Meetings of the Regional Science Association International*. Atlanta, GA (international)

**Welch, T.**, Mishra, S. (2013, January). Modeling Emission Policies Through Travel Demand Mechanisms: An Analysis of the Best Reduction Strategies. *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C. (National)

Mishra, S., **Welch, T.** & M.K. Jha. (2013, January). Graph Theoretic Approach for Public Transit Connectivity in Multimodal Transportation Networks. *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C. (National)

Mishra, S., **Welch, T.** & Chakraborty, A., (2013, January). An Experiment in Mega-Regional Road Pricing Using Advanced Commuter Behavior Analysis. *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C. (National)

Mishra, S., **Welch, T.**, Moeckel, R., Mahapatra, S., Tadayon, M. (2013, January). Development of the Maryland Statewide Transportation Model and its Application in Scenario Planning. *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C. (National)

Erdogan, S., **Welch, T.**, Knaap, G & Ducca, F. (2013, January). What to Expect In 2030: The Impacts of Fuel Prices and Fuel Efficiency on Land Use and Transportation. *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C. (National)

Zhu, X., Mishra, S. & **Welch, T.**, (2013, January). Framework for Modeling and Forecasting Population Age Distribution in Metropolitan Areas at Level of Transportation Analysis Zone. *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C. (National)

Mishra, S., Khasnabis, S., and Swain, S. Udent, F., **Welch, T.** (2012). Evacuation Strategies for an Interdependent Multimodal Transportation Network in Disasters. *29th International Conference on Transportation and Traffic Flow Theory (ISTTT)*, Netherlands, July 2013

**Welch, T.**, Mishra, S. (2012, November). Indicators for Assessing Equity in Public Transport, *59th Annual North American Meetings of the Regional Science Association International*. Ottawa, Ont. Canada (international)

**Welch, T.**, Mishra, S. (2012, November). Planning Policy and Vehicle Emissions Reduction: Do the Results Match the Hype? *Association of Collegiate Schools of Planning conference*. Cincinnati, Ohio (National)

**Welch, T.**, Mishra, S. (2012, November). Analyzing Transit Equity and Connectivity in Multimodal Transportation Networks, *Association of Collegiate Schools of Planning conference*. Cincinnati, Ohio (National)

Erdogan, S., Mishra, S., **Welch, T.F.**, Wang, Y., Knaap, G & Ducca, F. (2012, November). An Integrated Land Use and Transportation Model: Lessons Learned from Maryland Scenario Planning, *Association of Collegiate Schools of Planning conference*. Cincinnati, Ohio (National)

**Welch, T.**, (2012, July). Trends in Mega-Regional Spatial Distribution and Its Implications for Transport and Infrastructure Planning. *Association of European Schools of Planning conference*. Ankara, Turkey (International)

Erdogan, S., **Welch, T.**, Knaap, G & Ducca, F. (2012, July). What to Expect In 2030: The Impacts of Fuel Prices and Fuel Efficiency on Land Use and Transportation. *Association of European Schools of Planning conference*. Ankara, Turkey (International)

Mishra, S., **Welch, T.** (2012, January). A Joint Travel Demand And Environmental Model To Incorporate Emission Pricing For Large Transportation Networks. *91st Annual Meeting of the Transportation Research Board*, Washington, D.C. (National)

**Welch, T.**, Mishra, S. (2012, January). Travel Demand Mechanisms for Emission Reduction Strategies: A Case Study of Montgomery County, Maryland. *91st Annual Meeting of the Transportation Research Board*, Washington, D.C. (National)

Mishra, S., Jha, M., & **Welch, T.** (2011, December). An Analytical Modeling Framework to Determine Optimal Connectivity of a Multimodal Transit Network. *Conference of Transportation Research Group of India (CTRG)*. Bangalore, India.

**Welch, T.** (2011, October). The Value of Access: A Longitudinal Study of Transit Proximity Capitalization in Atlanta. *Association of Collegiate Schools of Planning conference*. Salt Lake City Utah.

### *Refereed Monographs:*

Florida Planning and Development Lab (2005). Taking the High Road: Integrating Hazard Mitigation into Long-Range Transportation Planning, Tallahassee, FL. (*Best Practices manual under contract with the Florida Department of Community Affairs*)

### *Research Reports*

Ducca, F., **Welch, T.**, Ma, T. (2013). Megaregion Economic Influence and Supply Chain Analysis. Prepared for the Maryland State Highway Administration.

Ducca, F., **Welch, T.**, Mishra, S. (2012). Characterizing the Chesapeake Bay Megaregion. Prepared for the Maryland State Highway Administration.

Mishra, S., Xiaoyu, Z., **Welch, T.** & Ducca, F (2012). A Framework for Travel Demand Model Related Household and Person Level Control. Prepared for the Maryland State Highway Administration.

Ducca, F., Erdogan, S., Knaap, G., Mishra, S., Wang, Y & **Welch, T.** (2012). Maryland Scenarios Project Final Report. Prepared for the Maryland Department of Transportation.

### *Invited Presentations:*

**Welch, T.** (2012, April). Planning Policy and Emissions Reduction: Do the Results Match the Hype? *Paper presented to University of Maryland PhD Paper Series*, College Park, MD.

**Welch, T.** (2009, December). To Build or Not To Build: An Examination of the External Benefits and Costs of Transportation Infrastructure. *Paper presented to the Big Bend Institute of Transportation Engineers*, Tallahassee, FL.

### *Editorial Responsibilities:*

Law Review Member, Windsor Review of Legal and Social Issues, University of Windsor, Faculty of Law, 2006-2008

### **GRANTS AND AWARDS:**

“Technical Support for the Maryland Climate Change Commission,” **PI**, \$100,000, June 2016 - June 2017. Town Creek Foundation. (*PI share: \$56,000*)

“Bike-share Location and Origin-destination Count (BikeLOC) Model Prototype – Phase II: Interactive Web Planning Tool,” **PI**, \$11,000, July 2016 - June 2017. Georgia Tech College of Design (enternal). (*PI share: \$11,000*)

“The Integration of Urban/Regional Models into the Georgia Statewide Travel Model,” **Co-PI**, \$295,000, June 2016 - June 2018. Georgia Department of Transportation. (Award announced, awaiting final contract) (*Co-PI share: \$80,000*)



“A Data Driven Approach to State Transportation Investment Decisions: a Transportation Project Investment and Evaluation Resource (T-Pier),” **PI**, \$150,000, November 2013 - October 2015. US Department of Transportation.

“Atlanta Parks Demand Survey Statistical Analysis,” **PI**, \$15,000, July 2014 - June 2015. City of Atlanta.

“Freight Impacts on Small Urban and Rural Areas,” **Co-PI**, \$140,000, November 2013 - October 2014. US Department of Transportation.

“National MAP-21 Implementation and Monitoring,” **Co-PI**, \$100,000, October 2013 - October 2015. US Department of Transportation.

“A Collaborative Model for Healthy Freight Planning,” **Senior Personnel**, \$250,000, November 2014 - January 2017. The Pew Charitable Trusts (Pew).

“Multimodal Planning at the Megaregional Scale,” **Senior Personnel**, \$182,000, January 2016 - January 2017. US Department of Transportation / Federal Highway Administration.

“Developing National County-to-county Freight Flows,” **Senior Personnel**, \$47,000, June 2015 - April 2016. Georgia Department of Transportation.

### **TEACHING**

CP 6321 Transportation Planning Methods and Investment Decisions

CP 6331 / CEE 6624 Transportation and Land Use Interactions

CP 6031 Economic Analysis (core MCRP course)

CP 6542 Transportation and GIS

CP 8022 PhD Foundations Seminar

### **MEMBER OF DOCTORAL DISSERTATION SUPERVISORY COMMITTEES**

Kia Mostaan, Civil Engineering (current)

Stephanie Amoaning-Yankson, Civil Engineering (current)

Yongsung Lee, City and Regional Planning (current)

Mohammad Ilbeigi, Civil Engineering (current)

### **MEMBER OF MASTER’S RESEARCH THESIS/PAPER SUPERVISORY COMMITTEES**

Sean Hashemi, Urban and Regional Planning/Civil Engineering (current)

Spandana Anand, Urban and Regional Planning (current)

Megan Barrow, Urban and Regional Planning (current)

David De Leon, Urban and Regional Planning (current)

Jing Kong, Urban and Regional Planning (current)

Wenhui Yang, Urban and Regional Planning (current)

Tianran Zeng, Urban and Regional Planning (current)

Jeff Ultee, Urban and Regional Planning/Civil Engineering (2016)

Adeline Collot, Urban and Regional Planning (2016)

Joseph Boyd, Urban and Regional Planning (2016)  
Li Yi, Urban and Regional Planning (2016)  
Thomas Hameed, Urban and Regional Planning (2016)  
George Maier, Urban and Regional Planning/Civil Engineering (2016)  
Cary Bearn, Urban and Regional Planning/Civil Engineering (2016)  
Charles Jiang, Urban and Regional Planning (2016)

Corentin Auguin, Urban and Regional Planning (2015)  
Jason Novsam, Urban and Regional Planning/Civil Engineering (2015)  
Charlene Mingus, Urban and Regional Planning/Civil Engineering (2015)  
Carlton Ingram, Urban and Regional Planning (2015)  
Robert Guthart, Urban and Regional Planning (2015)

Ryan Sager, Urban and Regional Planning/Civil Engineering (2014)  
Sean McTague, Urban and Regional Planning (2014)

Landon Reed, Urban and Regional Planning/Civil Engineering (2013)

#### **CONSULTING:**

2014 – Present Principal, PEER Group, LLC.

2010 Consultant, Citilabs (CUBE) & Florida Department of Transportation, Systems Planning Office

#### **ACADEMIC HONORS, FELLOWSHIPS AND SCHOLARSHIPS**

##### **University of Maryland**

- Eno Leadership Development Conference Fellow, 2013
- Jacob K. Goldhaber Travel Award, University of Maryland, 2011
- Dean's Fellowship, University of Maryland, 2010-2011, 2011-2012
- Golden Key Honour Society, University of Maryland, 2010-2012

##### **Florida State University**

- Institute of Transportation Engineers, Scholarship Recipient, 2009
- McClure Award for Academic Achievement, 2010
- Dean's List, Florida State University, 2008-2009, 2009-2010
- Golden Key Honour Society, Florida State University, 2008-2009, 2009-2010

##### **University of Detroit**

- American Inns of Court, Pupil, 2007-2008
- Mennen Williams Moot Court Competition, Quarter Finalist, 2006

##### **University of Windsor**

- Law Review, 2006-2008
- Law Review Business Management Committee, 2006 – 2008

#### **SERVICE TO THE ACADEMY:**

- Georgia Tech Faculty Senate, Member (2013 – 2016)

- Transportation Research Board (TRB), Transportation and Air Quality Committee, Member (2014–2017)
  - Annual Meeting Paper Review Coordinator, 2004 - 2016
- Transportation Research Board (TRB), Freight Economics and Regulation Committee, Member (2014–2017)

*Referee/Reviewer*

Scholarly Journals:

1. *Urban Studies*, 2012, 2013, 2014, 2015, 2016
2. *Transportation Research Part D*, 2015, 2016
3. *Journal of the American Planning Association*, 2015
4. *Journal of Transport Geography*, 2013, 2014
5. *Transportation*, 2013, 2014, 2016
6. *Journal of Regional Science*, 2011
7. *International Journal of Sustainable Transportation*, 2015
8. *Travel Behaviour and Society*, 2013
9. *Transportation Research Board*, 2012, 2013, 2014, 2015
10. *Computers, Environment and Urban Systems*, 2011
11. *Journal of Transportation and Society*, 2013
12. *Journal of Planning Literature*; 2010, 2015, 2016
13. *Journal of Housing and the Built Environment*, 2010
14. *Journal of Environmental Planning and Management*, 2011
15. *Journal of Planning Education and Research*, 2013, 2014, 2015, 2016
16. *Cities*, 2016

Subject Matter Expert Reviewer for the International Governmental Panel on Climate Change, Fifth Assessment Report (IPCC AR5)

**PROFESSIONAL MEMBERSHIPS:**

- Transportation Research Board, Member, 2013 – present
- North American Regional Science Council, Member, 2012 – present
- American Planning Association, Member, 2013 – present
- Georgia Planning Association, Member, 2013 – present
- Georgia Urban and Regional Information Systems Association, 2014 – present