

Wei Li, Ph.D.

Department of Landscape Architecture and Urban Planning,
Texas A&M University, 3137 TAMU, College Station, TX 77843-3137
Phone: (979) 845-2608; E-mail: wli@tamu.edu

Updated on 03/07/2022

EDUCATION

- PhD in Planning, Policy, and Design** 2011
University of California, Irvine (Irvine, California, USA)
Dissertation: *Assessing Benefits and Costs of Urban Environmental Attributes in a Hedonic Framework: Three Southern California Case Studies*
Dissertation Committee: Dr. Jean-Daniel Saphores (Chair), Dr. Marlon Boarnet, Dr. Kristen Day, and Dr. Kerry Vandell
- Master of Arts in Planning** 2006
University of Waterloo (Waterloo, Ontario, Canada)
Thesis: *Managing and Facilitating Eco-industrial Development in Industrial Parks: A Case Study of Dalian DD Port (China)*
- Bachelor of Business Administration** 2003
Renmin University of China (Beijing, China)

ACADEMIC APPOINTMENTS

- Associate Professor, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2018 – present
- Founding Director, ENDEAVR Institute (www.endeavr.city), a 501 (c)(3) public charity dedicated to empowering small, underserved communities with emerging technologies.
- Program Coordinator, Master of Urban Planning, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2016 – 2021.
- Executive Associate Director, Center for Housing and Urban Development, Texas A&M University, 2018 – present
- Program Coordinator, Graduate Certificate in Transportation Planning, Texas A&M University, 2016 – present
- Assistant Professor, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2012 – 2018
- Assistant Research Scientist, Texas A&M Transportation Institute (TTI), 2012 – 2018.
- Post-Doctoral Researcher, Department of Planning, Policy and Design, University of California, Irvine, 2011 – 2012.

Graduate Student Researcher / Teaching Assistant, Department of Planning Policy and Design, Department of Civil and Environmental Engineering and Department of Physical Sciences, University of California, Irvine, 2007 – 2011.

Research/Teaching Assistant, School of Planning, University of Waterloo, 2003 – 2006.

FUNDED RESEARCH

Extramural Grants

Project Title: **Exploring the Safety Impacts of the Older Population's Access to Autonomous Vehicles and Telemedicine: A Real-World Experiment in a Small and Rural Community**

Role: Principal Investigator
Amount: \$494,855
Period: 2020-2022
Funding Source: U.S. Department of Transportation

Project Title: **Social Carpooling-based Road Congestion Mitigation: A Three-Level Analysis**
Role: Co-Principal Investigator
Amount: US \$64,993
Period: 2021-2023
Funding Source: The National Institute for Congestion Reduction

Project Title: **Fighting Obesity by Reinventing Public Transportation: A Natural Experiment**
Role: Principal Investigator (Multi-PI Structure with Dr. Chanam Lee and Dr. Marcia Ory)
Amount: US \$2,600,000
Period: 2018-2023
Funding Source: National Institutes of Health (NIH), Award#: 1R01CA228921-01

Project Title: **Diversity Supplement**
Role: Principal Investigator (Multi-PI Structure with Dr. Chanam Lee and Dr. Marcia Ory)
Amount: US \$207,335
Period: 2021-2022
Funding Source: National Institutes of Health (NIH), Award#: 3R01CA228921-04S1

Project Title: **ENDEAVR: An Interdisciplinary Project-Based Learning Experience in Smart and Connected Communities**
Role: Principal Investigator
Amount: US \$300,000
Period: 2018-2021
Funding Source: W.M. Keck Foundation

Project Title: **Exploring Behavioral Impact of Public Transportation Infrastructure: A Longitudinal Quasi-Experimental Study in the United States**
Role: Principal Investigator

Amount: US \$176,355
Period: 2015-2018
Funding Source: National Science Foundation (NSF), Award #: 1461766

Project Title: **Research Experience for Undergraduates (REU) Supplement Grant**
Role: Principal Investigator
Amount: US \$7,250
Period: 2015-2017
Funding Source: National Science Foundation, supplement to Award #1461766

Project Title: **Breaking the Barrier of Riding Buses for Visually Impaired Persons Using Bluetooth Beacons and Smartphones**
Role: Principal Investigator
Amount: US \$50,000
Period: 2016-2017
Funding Source: Google Inc.

Project Title: **Assessing the Economic Value of Walkability: A Case Study in Austin, Texas**
Role: Principal Investigator
Amount: US \$31,170
Period: 2012-2013
Funding Source: Texas Department of Transportation

Project Title: **Assessing the Impacts of Truck Traffic on Residential Property Values: A Southern California Case Study**
Role: Principal Investigator
Amount: US \$20,000
Period: 2009-2011
Funding Source: Doctoral Dissertation Grant, University of California Transportation Center

Project Title: **Managing and Facilitating Eco-Industrial Development of an Industrial Park: A Case Study of Dalian DD Port, China**
Role: Principal Investigator
Amount: CA \$8,000
Period: 2004-2005
Funding Source: Graduate Student Research Grant, Canadian International Development Agency

Intramural Grants

Project Title: **Reducing Emission By Using Connected Automated Vehicles In Large Urban Areas**
Role: Co-Principal Investigator
Amount: US \$30,000
Period: 2021-2023
Funding Source: Texas A&M University T3 Program.

Project Title: **Impacts of Inlet Protection Measures On Road Flooding Caused By Tropical Storms And Hurricanes**
Role: Co-Principal Investigator (PI: Dr. Manish Dixit)
Amount: US \$30,000

Period: 2018-2019
Funding Source: Texas A&M University T3 Program

Project Title: **ENDEAVR: An Interdisciplinary Project-Based Learning Experience in Smart and Connected Communities**
Role: Principal Investigator
Amount: US \$207,806
Period: 2018-2021
Funding Source: Texas A&M University, matching funds

Project Title: **Assessing the Impact of Public Transit on Physical Activity: A Natural Experimental Study in El Paso, Texas**
Role: Principal Investigator (Multi-PI with Dr. Chanam Lee and Dr. Macia Ory)
Amount: US \$50,000
Period: 2016-2019
Funding Source: Texas A&M University Office of the Vice President for Research

Project Title: **Reinventing Public Transportation Programs to Fight Obesity Epidemic: A Pilot Study in El Paso, Texas**
Role: Principal Investigator
Amount: US \$25,000
Period: 2016-2017
Funding Source: Texas A&M University PESCA Program

Project Title: **High-Impact Interdisciplinary Service Learning Experiment in Sustainable Transportation and Healthy Cities**
Role: Co-Principal Investigator (PI: Dr. Galen Newman)
Amount: US \$15,000
Period: 2013-2014
Funding Source: College of Architecture, Texas A&M University

Project Title: **Proposal Development Grant: Exploring Behavioral Impact of Transportation Infrastructure**
Role: Principal Investigator
Amount: US \$4,850
Period: 2013
Funding Source: Texas Census Research Data Center

Project Title: **El Paso Socio-Economic-Health Data Assessment**
Role: Co-Principal Investigator (PI: Dr. David Bierling)
Amount: US \$9,551
Period: 2013
Funding Source: The Center for International Intelligent Transportation Research, Texas A&M Transportation Institute

Project Title: **Understanding the Intangible Benefits and Costs of Environmental Attributes Using the Hedonic Pricing (HP) Method**
Role: Principal Investigator
Amount: US \$4,500
Period: 2009-2011

Funding Source: Doctoral Dissertation Fellowship from School of Social Ecology, University of California, Irvine

Other Funded Research

Project Title: **Development of a Texas A&M University Campus Transformational Mobility Plan**

Role: Assistant Research Scientist

Amount: US \$500,000

Period: 2016-2017

Funding Source: TTI Environment and Planning

Project Title: **Air Quality and Conformity Interagency Contract**

Role: Assistant Research Scientist

Amount: US \$875,000

Period: 2013-2015

Funding Source: Texas Department of Transportation

Project Title: **Transportation, Air Quality, and Health Impacts – Pilot Study Using Wearable Monitoring Devices**

Role: Assistant Research Scientist

Amount: US \$40,000

Period: 2013-2014

Funding Source: TTI Strategic Research Program

Project Title: **Evaluation of Emissions Control Strategies for the El Paso Region**

Role: Assistant Research Scientist

Amount: US \$150,000

Period: 2012-2013

Funding Source: Rider 8 Grant with the Texas Commission on Environmental Quality

AWARDS

- 2021 W.K. Kellogg Award Ceremony for Exemplary Community Engagement, The Association of Public and Land Grant Universities.
- 2021 Smart 50 Award, *ENDEAVRide: Taxi + Telemedicine for Vulnerable Populations In Small and Rural Communities*, Nolanville, Texas, Smart Cities Connect Foundation.
- Distinguished Achievement Award, University-Level, The Association of Former Students of Texas A&M, 2019
- Distinguished Achievement Award, College-Level, The Association of Former Students of Texas A&M, 2018
- Excellent Paper Award, World Transport Convention, 2018
- Outstanding Instructor Award, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2017
- Google IoT (Internet of Things) Technology Research Award, 2016
- Flip Your Course Award, Texas A&M University, 2013
- Social Ecology Alumni Fellowship, UC Irvine, 2011

- Martha Newkirk Excellence in Research Award, UC Irvine, 2010
- Graduate Mentor Award, School of Social Ecology, UC Irvine, 2009
- Dean's PhD Dissertation Fellowship, School of Social Ecology, UC Irvine, 2009
- Chew-Liang China Rural Development Fellowship, Chew-Liang China Rural Development Foundation, 2009
- Planning, Policy and Design PhD Fellowship, UC Irvine, 2006
- International Student Scholarship, University of Waterloo, 2003-2005
- Academic Excellence Scholarship, Renmin University of China, 2000-2003
- Distinguished Graduate Honor, Renmin University of China, 2003
- Distinguished Charitable Service Award, Renmin University of China, 2002
- Student Excellent Research Paper Award, Renmin University of China, 2000

PEER-REVIEWED JOURNAL ARTICLES

(* denotes students)

Bian, J.*, **Li, W.**, Zhong, S., Lee, C., Foster, M., & Ye, X. (2021). The end-user benefits of smartphone transit apps: a systematic literature review. *Transport Reviews*, 1-20.
<https://doi.org/10.1080/01441647.2021.1950864>

Jourdan, D., Lee, C., **Li, W.**, Newman, G., & Van Zandt, S. (2021). Planning the Allocation and Reallocation of Urban Space. *Journal of Planning Education and Research* 41 (2).
<https://doi.org/10.1177/0739456X211008510>

Newman, G., Lee, C., Jourdan, D., **Li, W.**, & Van Zandt, S. (2021). Planning the Allocation and Reallocation of Urban Space. *Journal of Planning Education and Research* 41 (3).
<https://doi.org/10.1177/0739456X211022680>

Zhong, H.*, **Li, W.**, Boarnet, M. (2021). A two-dimensional propensity score matching method for longitudinal quasi-experimental studies: A focus on travel behavior and the built environment? *Environment and Planning B: Urban Analytics and City Science* 48 (7)

Hwang, J.*, **Li, W.**, Stough, L. M., Lee, C., & Turnbull, K. (2021). People with disabilities' perceptions of autonomous vehicles as a viable transportation option to improve mobility: An exploratory study using mixed methods. *International Journal of Sustainable Transportation*, 1-19. <https://doi.org/10.1080/15568318.2020.1833115>

Van Zandt, S., Jourdan, D., Lee, C., **Li, W.**, Newman, G., & (2020). Planning the Allocation and Reallocation of Urban Space. *Journal of Planning Education and Research* 40 (4).
<https://doi.org/10.1177/0739456X20960224>

Zhong, H.*, **Li, W.**, Burris, M., Talebpour, A., and Sinha K. (2020). Will Autonomous Vehicles Change Auto Commuters' Value of Travel Time? *Transportation Research Part D: Transport and Environment*, 83, 102303.

- Hwang, J. *, **Li, W.**, Stough, L., Lee, C., and Turnbull, K. (2020) A focus group study on the potential of autonomous vehicles as a viable transportation option: Perspectives from people with disabilities and public transit agencies. *Transportation research part F: traffic psychology and behaviour*, 70, 260-274.
- Newman, G., Lee, R. J., Gu, D., Park, Y., Saginor, J., Van Zandt, S., & **Li, W.** (2019). Evaluating drivers of housing vacancy: a longitudinal analysis of large US cities from 1960 to 2010. *Journal of Housing and the Built Environment*, 34(3), 807-827.
- Li, W.**, Houston, D., Boarnet, M.G., and Park, H. (2018). Intrapersonal Day-to-Day Travel Variability, Transit Accessibility and Duration of Household Travel Surveys. *Journal of Transport and Land Use*, 11(1), 1125-1145. <https://www.jtlu.org/index.php/jtlu/article/view/984>
- Kim, H.W., Kim, J.H., Yang, P., **Li, W.**, and Cao, Y. (2017). Exploring the impact of green space health on runoff reduction using NDVI. *Urban Forestry & Urban Greening*, 28, 81-87. <https://doi.org/10.1016/j.ufug.2017.10.010>
- Won, J. *, Lee, C., and **Li, W.** (2017). Are walkable neighborhoods more resilient to the foreclosure spillover effects? *Journal of Planning Education and Research*. Published online before print. DOI: [10.1177/0739456X17702443](https://doi.org/10.1177/0739456X17702443)
- Sindhu, J., Choi, K., Lavy, S., **Li, W.**, and Rybkowski, Z. (2017). Effects of front-end planning under fast-tracked project delivery systems for industrial projects. *International Journal of Construction Education and Research*. Published online before print. <http://dx.doi.org/10.1080/15578771.2017.1280100>
- Li, W.** and Joh, K. (2016). Exploring the synergistic economic benefit of enhancing neighborhood bikeability and transit accessibility based on real estate sale transactions. *Urban Studies*. Published online before print. <https://doi.org/10.1177/0042098016680147>
- Zhong, H. *, and **Li, W.** (2016). Rail transit investment and property values: An old tale retold. *Transport Policy*, 51, 33-28. <http://dx.doi.org/10.1016/j.tranpol.2016.05.007>
- Kim, J.H., **Li, W.**, Newman, G., Kil, S.H., and Park, S.Y. * (2016). The influence of urban landscape spatial patterns on single-family housing prices. *Environment and Planning B: Planning and Design*. Published online before print, DOI: [10.1177/0265813516663932](https://doi.org/10.1177/0265813516663932)
- Hu, M., **Li, W.**, Li, L., Houston, D., and Wu, J. (2016). Refining time-activity classification of human subjects using the Global Positioning System. *PLOS ONE*. <http://dx.doi.org/10.1371/journal.pone.0148875>
- Newman, G., Dongwan, G. *, Kim, J.H., Bowman, A.O.M., and **Li, W.** (2016). Elasticity and urban vacancy: A longitudinal comparison of U.S. cities. *Cities*, 58, 143-151. DOI: [10.1016/j.cities.2016.05.018](https://doi.org/10.1016/j.cities.2016.05.018)
- Li, W.**, Joh, K., Lee, C., Kim, J.H., Park, H. *, and Woo, A. * (2015). Assessing benefits of walkability to single family property values: A spatial hedonic study in Austin, Texas. *Journal of Planning Education and Research*, 35(4), 471-488. DOI: [10.1177/0739456X15591055](https://doi.org/10.1177/0739456X15591055)

- Li, W.**, Saphores, J.-D., and Gillespie, T.W. (2015). A comparison of the economic benefits of urban green spaces estimated with NDVI and with high-resolution land cover data. *Landscape and Urban Planning*, 133, 105-117. DOI: [10.1016/j.landurbplan.2014.09.013](https://doi.org/10.1016/j.landurbplan.2014.09.013)
- Li, W.**, Joh, K., Lee, C., Kim, J.H., Park, H.*, and Woo, A.* (2014). From car-dependent neighborhoods to Walkers' Paradise: Estimating walkability premiums in the condominium housing market. *Transportation Research Record: Journal of the Transportation Research Board*, 2453, 162-170. DOI: [10.3141/2453-20](https://doi.org/10.3141/2453-20)
- Houston, D., **Li, W.**, and Wu, J. (2014). Disparities in exposure to automobile and truck traffic and vehicle emissions near the Los Angeles–Long Beach Port Complex. *American Journal of Public Health*, 104(1), 156-164. DOI: [10.2105/AJPH.2012.301120](https://doi.org/10.2105/AJPH.2012.301120)
- Li, W.** and Saphores, J.-D. (2012). Assessing the impacts of truck traffic on residential property values: A Southern California case study. *Transportation Research Record: Journal of the Transportation Research Board*, 2288, 48-56. DOI: [10.3141/2288-06](https://doi.org/10.3141/2288-06)
- Li, W.** and Saphores, J.-D. (2012). A spatial hedonic analysis of the value of urban land cover in the multifamily housing market in Los Angeles, CA. *Urban Studies*, 49(12), 2597-2615. DOI: [10.1177/0042098011429486](https://doi.org/10.1177/0042098011429486)
- Saphores, J.-D. and **Li, W.** (2012). Estimating the value of urban green areas: A hedonic pricing analysis of the single family housing market in Los Angeles, CA. *Landscape and Urban Planning*, 104(3-4), 373-387. DOI: [10.1016/j.landurbplan.2011.11.012](https://doi.org/10.1016/j.landurbplan.2011.11.012)

TECHNICAL REPORTS

- Li, W.** (2017). *Embracing Resilience in Transportation Policy and Planning*. White paper prepared for the Texas Department of Transportation.
- Li, W.** (2016). *Reinventing Transportation Planning to Promote Public Health Outcomes in Texas: A Potential Framework for the Texas Department of Transportation to Integrate Health Considerations into Planning Activities*. Technical report prepared for the Texas Department of Transportation.
- Li, W.** (2016). *Embracing New Technologies for Household Travel Surveys: A Synopsis of Data Collection Methods in Household Travel Surveys*. Technical report prepared for the Texas Department of Transportation.
- Dvorak, B., **Li, W.**, Newman G., Zhan, X., Zhao, J., and Zhu, X. (2015). *Multimodal Transportation Systems and Transit Oriented Development: Concepts for Bryan-College Station, Texas and Texas A&M University*. eBook published on Blurb.
- Li, W.** (2014). *Recycling the "Digital Breadcrumbs": Utilizing Mobile Phone Data for Travel and Behavioral Research*. Report of literature review prepared for transportation planning research team at Texas A&M Transportation Institute.
- Li, W.**, Ramani, T. and K. Warsow (2014). *Addressing Emissions-Related Health Issues in Transportation Planning*. White paper prepared for Texas Department of Transportation.

- Li, W.,** Joh, K., Lomax, T., and Park, H. (2013). *Assessing Economic Values of Walkability in Austin, Texas*. Technical report prepared for the Texas Department of Transportation at the direction of the Texas Legislature.
- Li, W.,** Joh, K., Lomax, T., and Park, H. (2013). *Assessing Economic Values of Walkability in Austin, Texas*. Policy briefing prepared for the Texas Department of Transportation at the direction of the Texas Legislature.
- Bierling, D. and **Li, W.** (2013). *El Paso Socio-Economic-Health Data Assessment*. Technical report prepared for the Center for International Intelligent Transportation Research, Texas A&M Transportation Institute.
- Li, W.,** Larsen, L. and Hard, E. (2013). *2009-2010 Corpus Christi Household Travel Survey: Technical Summary*. Prepared in cooperation with the Texas Department of Transportation, Corpus Christi Metropolitan Planning Organization, and the Federal Highway Administration.
- Li, W.** (2005). *Dalian, China: Planning Systems and Development Review*. Prepared for the Canadian International Development Agency.

CONFERENCE PRESENTATIONS AND PROCEEDINGS

(* denotes students)

- Li, W.,** Lee, C., Xu, M., Lee, S., Zhong, H., Won J.W., Towne, S., Zhu, X., Ory, M. (2020). Using Spatio-Cultural Strategies to Recruit Health Research Participants: Lessons from a Natural- Experiment Study in El Paso, Texas. Presented at the Active Living Conference, February 2020. [abstract and oral presentation]
- Li W,** Ahn R, Lee C, Towne S, Zhu, X. D (2020). Envisioning active living in the era of smart and connected communities. Workshop delivered at the Active Living Conference, February, 2020, Orlando, Florida. [abstract and workshop]
- Lee, C., Ory, M., Zhu, X., **Li, W.,** Xu, M., Kellstedt, D.*, Berrigan, D., and Towne, S. *Designing and Executing Natural Experiments in Active Living Research*. Workshop delivered at the Active Living Conference, February 2019. [abstract and workshop]
- Hwang, J.*, **Li, W.,** Stough, L., Lee, C., and Turnbull, K. *The Potential of Autonomous Vehicle Transportation to Serve People with Disabilities: Findings from Focus Group Discussions*. Presented at the Automated Vehicles Symposium, Orlando, Florida, July 2019 [abstract and oral presentation]
- Zhong, H.*, **Li, W.,** Burris, M., Talebpour A., and Kumares, S. *Equity and Autonomous Vehicles: Exploring Residents' Potential Engagement in In-Vehicle Activities and Welfare Gains*. Presented at the International Association for China Planning Conference, Chengdu, China, June 2019. [abstract and oral presentation]
- Zhong, H.*, **Li, W.,** Burris, M., Talebpour A., and Kumares, S. *Commuters' Valuation of Travel Time in Autonomous Vehicles and Travel Mode Choices in Small and Medium-Sized Metropolitan Areas*.

- Presented at the 98th Annual Meeting of the Transportation Research Board, Washington D.C., January 2019. [full paper and poster]
- Zhong, H.*, **Li, W.**, Burris, M., Talebpour A., and Kumares, S. *Commuters' Valuation of Travel Time in Autonomous Vehicles and Travel Mode Choices in Small and Medium-Sized Metropolitan Areas*. Presented at the 98th Annual Meeting of the Transportation Research Board, Washington D.C., January 2019. [full paper and poster]
- Zhong, H.*, **Li, W.**, Burris, M., Talebpour A., and Kumares, S. *Modeling Heterogeneity in Commuters' Valuation of Travel Time in an Autonomous Vehicle*. Presented at the Association of Collegiate Schools of Planning Annual Conference, Buffalo, New York, October 2018. [full paper and oral presentation]
- Li, W.** *Assessing Renters' Willingness to Pay for Neighborhood Walkability*. Presented at the Association of Collegiate Schools of Planning Annual Conference, Buffalo, New York, October 2018. [abstract and oral presentation]
- Zhong, H.*, **Li, W.**, Burris, M., Talebpour A., and Kumares, S. *Modeling Heterogeneity in Commuters' Valuation of Travel Time in an Autonomous Vehicle*. Presented at the International Association for China Planning Conference, Xi'An, China, July 2018. [full paper and oral presentation]
- Zhong, H.*, **Li, W.**, and Boarnet, M.G. (2018). *Reinventing the Methodology for Longitudinal Quasi-Experimental Studies: Hypothetical Cases for Travel Behavior and the Built Environment*. Presented at the International Association for China Planning Conference, Xi'An, China, July 2018. [full paper and oral presentation]
- Li, W.**, Boarnet, M.G., Zhong, H.*, Rosenheim, N.P., and Lomax, T. (2018). *Exploring the Behavioral Impact of Public Transportation Infrastructure: A Longitudinal Quasi-Experimental Study in the United States*. Presented at the International Association for China Planning Conference, Xi'An, China, July 2018. [abstract and oral presentation]
- Li, W.**, Rosenheim, N.P., Dong, H., Boarnet, M.G., and Zhong, H.* (2018). *Economic Development Near the Rail Transit Stations: Evidences in the United States During 2002-2013*. Presented at World Transport Convention, Beijing, China, June 2018. [full paper and oral presentation]
- Li, W.**, Houston, D., Boarnet, M.G., and Park, H.* (2018). *Exploring the "Optimal" Duration for Household Travel Surveys*. Presented at World Transport Convention, Beijing, China, June 2018. [full paper and oral presentation]
- Lee, C., **Li, W.**, Xu, M.J., Lee, S., Garcia, E.B., Whigham, L.D., Aldrete, R., Towne, S., Zhu, X., and Ory, M.G. (2018). *Diverse Recruitment Strategies for Testing Innovative Public Transportation Interventions*. Presented at the Active Living Research Annual Conference, Banff, Alberta, Canada, February 2018. [abstract and poster presentation]
- Lee, K.*, **Li, W.**, Kim, J.H., and K.C. Choi. (2018). *Synergistic Effects of Transit and Non-Motorized Transportation Infrastructure on Commuting Behavior in Seven Cities in the United States*. Presented at the 97th Annual Meeting of the Transportation Research Board, Washington D.C., January 2018. [full paper and oral presentation]

- Zhong, H.*, **Li, W.**, and Boarnet, M.G. (2017). *Developing a Two-Dimensional Propensity Score Matching Method for Longitudinal Quasi-Experimental Studies: A Focus on Travel Behavior & the Built Environment*. Presented at the 57th Annual Conference of the Association of Collegiate Schools of Planning, Denver, Colorado, October 2017. [full paper and oral presentation]
- Lee, C., **Li, W.**, Xu, M., Ory, M., Won, J., and Lee, S.* (2017). *Residential Demand for Walkability and Safety Across Community Settings and Age Groups*. Presented at the 57th Annual Conference of the Association of Collegiate Schools of Planning, Denver, Colorado, October 2017. [abstract and oral presentation]
- Kalakuntla, S.*, **Li, W.**, Talebpour, A., Qu, T., and Sinha, K. (2017). *Is It Wise for Transit Agencies to Adopt Autonomous Buses? A Cost-Benefit Analysis in Austin, Texas*. Presented at the 57th Annual Conference of the Association of Collegiate Schools of Planning, Denver, Colorado, October 2017. [full paper and poster presentation]
- Li, W.**, Houston, D., Boarnet, M.G., and Park, H.* (2017). *Intrapersonal Day-to-Day Travel Variability, Transit Accessibility and Duration of Houston Travel Surveys*. World Symposium on Transport and Land Use Research (WSTLUR) 2017 in Brisbane, Queensland, Australia, July 2017. [full paper and poster presentation]
- Li, W.**, Saphores, J.-D., Gillespie, T. (2017). *Evaluating the economic benefits of urban green spaces in a spatial hedonic approach: Comparing results from different remote sensing imageries*. Presented at the Annual Conference of the Council of Educators in Landscape Architecture, Beijing, China, May 2017. [full paper and oral presentation]
- Li, W.**, Rosenheim, N.P., Dong, H., Boarnet, M.G., and Zhong, H.* (2017). *Rail Transit and Economic Growth: Documenting Evidences from a Panel Data Analysis of Eighteen Metropolitan Areas in the United States*. Presented at the 96th Annual Meeting of the Transportation Research Board, Washington D.C., January 2017. [full paper and oral presentation]
- Li, W.**, Houston, D., Boarnet, M.G., and Park, H.* (2017). *Intrapersonal Day-to-Day Travel Variability, Transit Accessibility and Duration of Houston Travel Surveys*. Presented at the 96th Annual Meeting of the Transportation Research Board, Washington D.C., January 2017. [full paper and poster presentation]
- Li, W.**, Rosenheim, N.P., Dong, H., Boarnet, M.G., and Zhong, H.* (2016). *Public Transit and Economic Growth: Jobs for Whom?* Presented at the 56th Annual Conference of the Association of Collegiate Schools of Planning, Portland, Oregon, November 2016. [full paper and oral presentation]
- Li, W.**, Rosenheim, N.P., Zhong, H.*, Boarnet, M.G., and Lomax, T. (2016). *Exploring the Behavioral Impact of Public Transportation Infrastructure: A Longitudinal Quasi-Experimental Study in the United States*. Presented at the Federal Statistical Research Data Center Research Conference, College Station, Texas, September 2016. [abstract and oral presentation]
- Zhong, H.*, **Li, W.**, and Boarnet, M.G. (2016). *Developing a Two-Dimensional Propensity Score Matching Method for Longitudinal Quasi-Experimental Studies: A Focus on in Travel Behavior and the Built Environment*. Presented at the Federal Statistical Research Data Center Research Conference, College Station, Texas, September 2016. [abstract and oral presentation]

- Li, W.**, Rosenheim, N.P., Dong, H., Boarnet, M.G., and Zhong, H.* (2016). *Evaluating the Employment Impact of Rail Transit Investment: A Longitudinal Analysis in the United States*. Presented at the 10th International Association for China Planning Conference, Beijing, China, July 2016. [full paper and oral presentation]
- Li, W.**, Houston, D., Boarnet, M., and Park, H.* (2016). *Daily Travel Variability and Travel Survey Duration: Moving Beyond the Single-Day Convention*. Presented at the 95th Annual Meeting of the Transportation Research Board, Washington D.C., January 2016. [full paper and oral presentation]
- Li, W.**, N. Roseheim, H. Zhong*. (2015). *Light Rail Transit and Economic Growth: Documenting Evidences from a Longitudinal Quasi-Experimental Design*. Presented at 62nd Annual North American Meetings of the Regional Science Association International, Portland, Oregon, November 2015. [full paper and oral presentation]
- Li, W.** and K. Joh. (2015). *Bikeable Communities, Bike-Transit Integration, and Property Values: A Case Study in Austin, Texas*. Presented at 62nd Annual North American Meetings of the Regional Science Association International, Portland, Oregon, November 2015. [full paper and oral presentation]
- Li, W.**, Houston, D., Boarnet, M., and Park, H.* (2015). *How Many Days Are Optimal for a Travel Survey? Understanding Day-to-Day Travel Variability*. Presented at the 55th Annual Conference of the Association of Collegiate Schools of Planning, Houston, Texas, October 2015. [full paper and oral presentation]
- Park, H.*, S. Van Zandt, and **Li, W.** (2015). *Affordable Housing Programs and Neighborhood Diversity: A Spatial Analysis in Harris County, Texas*. Presented at the 55th Annual Conference of the Association of Collegiate Schools of Planning, Houston, Texas, October 2015. [Abstract and oral presentation]
- Kim, J.-H., Park, S.*, **Li, W.**, and Rodiek, S. (2015). *The Influence of Urban Landscape Spatial Patterns on Single Family Property Values*. Presented at the 55th Annual Conference of the Association of Collegiate Schools of Planning, Houston, Texas, October 2015. [abstract and oral presentation]
- Li, W.**, Houston, D., Boarnet, M., and Park, H.* (2015). *Day-to-Day Travel Variability and “Optimal” Duration of Travel Survey: Moving Beyond the Single-Day Convention*. Presented at the 14th International Conference on Travel Behaviour Research, Windsor, U.K., July 2015. [full paper and oral presentation]
- Kim, J.-H., Park, S.*, **Li, W.**, and Rodiek, S. (2015). *The Influence of Urban Landscape Spatial Patterns on Single Family Property Values*. Presented at the Council of Educators in Landscape Architecture (CELA), Manhattan, Kansas, March 2015. [abstract and oral presentation]
- Li, W.**, Joh, K., Lee, C., Kim, J.H., Park, H. *, and Woo, A. * (2015). *Economic Benefit of Increasing Neighborhood Walkability: Is It a Myth?* Presented at the Active Living Research conference, San Diego, California, February 2015. [full paper and poster presentation]
- Lee, C., Xu, M. *, Sagnor, J., Zhu, X., and **Li, W.** (2015). *Measuring Economic Benefits of Walkable Neighborhoods: Walk-friendly Neighborhood Amenities and Residential Sales Price*. Presented at the Active Living Research conference, San Diego, California, February 2015. [full paper and poster presentation]

- Joh, K. and **Li, W.** (2015). *Developing an Interdisciplinary Transportation Certificate Program for Today's Transportation Workforce*. Presented at the 94th Annual Meeting of the Transportation Research Board, Washington D.C., January 2015. [full paper and oral presentation]
- Li, W.**, Joh, K., Lee, C., Kim, J.H., Park, H.* and Woo, A.* (2014). *Assessing Benefits of Walkability to Single Family Property Values: a Spatial Hedonic Study in Austin, Texas, USA*. Presented at the 19th International Conference of the Hong Kong Society for Transportation Studies, Hong Kong SAR, China, December 2014. [full paper and oral presentation]
- Li, W.** and Joh, K. (2014). *Economic Benefits of Bikeable Communities and Integration of Biking and Public Transit: Evidences from a Hedonic Study in Austin, Texas*. Presented at the 54th Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, Pennsylvania, November 2014. [abstract and oral presentation]
- Zhong, H.* and **Li, W.** (2014). *Assessing the Property Value Impacts of Rail Transit System in Los Angeles, California*. Presented at the 54th Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, Pennsylvania, November 2014. [full paper and poster presentation]
- Joh, K., **Li, W.**, Lee, C., Kim, J.H., Park, H.* and Woo, A.* (2014). *Multifamily Housing and Walkable Neighborhoods: Assessing Economic and Social Equity Impacts*. Presented at the 54th Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, Pennsylvania, November 2014. [abstract and oral presentation]
- Zhong, H.* and **Li, W.** (2014). *Assessing the Property Value Impacts of Rail Transit System in Los Angeles, California*. Presented at the 8th International Association for China Planning Conference. Guangzhou, China. June 2014. [full paper and oral presentation]
- Li, W.**, Mendez, J.* and Zhu, Q.* (2014). *The Effect of Light Rail Transit on Employment: Evidences from a Longitudinal Quasi-Experimental Design*. Presented at the 2014 International Transportation Economic Development Conference, Dallas, Texas, April 2014. [abstract and oral presentation]
- Li, W.**, Joh, K., Lee, C., Kim, J.H., Park, H.* and Woo, A.* (2014). *From Car-Dependent Neighborhoods To Walkers' Paradise: Estimating Walkability Premiums in the Condominium Housing Market*. Presented at the 44th Annual Conference of the Urban Affairs Association, San Antonio, Texas, March 2014. [full paper and oral presentation]
- Joh, K., **Li, W.**, Lee, C., Kim, J.H., Park, H.* and Woo, A.* (2014). *Multifamily Housing and Walkable Neighborhoods: Assessing Economic and Social Equity Impacts*. Presented at the 44th Annual Conference of the Urban Affairs Association, San Antonio, Texas, March 2014. [full paper and oral presentation]
- Li, W.**, Joh, K., Lee, C., Kim, J.H., Park, H.* and Woo, A.* (2014). *From Car-Dependent Neighborhoods to Walkers' Paradise: Estimating Walkability Premiums in the Condominium Housing Market*. Presented at the 2014 Annual Meeting of the Transportation Research Board, Washington D.C., January 2014. [full paper and oral presentation]
- Li, W.**, Joh, K., Lee, C., Kim, J.H., Park, H.* and Woo, A.* (2013). *Assessing Benefits of Walkability to Single Family Property Values: A Hedonic Study in Austin, Texas*. Presented at the 60th Annual North American Meetings of the Regional Science Association International, Atlanta, Georgia, November 2013. [full paper and oral presentation]

- Joh, K., **Li, W.**, Lee, C., Kim, J.H., Park, H.* and Woo, A.* (2013). *Multifamily Housing and Walkable Neighborhoods: Assessing Economic and Social Equity Impacts*. Presented at the 60th Annual North American Meetings of the Regional Science Association International, Atlanta, Georgia, November 2013. [abstract and oral presentation]
- Li, W.**, Joh, K., Lee, C., Kim, J.H., Park, H.* and Woo, A.* (2013). *Assessing Benefits of Walkability to Single Family Property Values: A Spatial Hedonic Study in Austin, Texas*. Presented at the AESOP-ACSP Joint Congress, Dublin, Ireland, July 2013. [full paper and oral presentation]
- Li, W.**, Joh, K., Lee, C., Kim, J.H., Park, H.* and Woo, A.* (2013). *Assessing Benefits of Walkability to Single Family Property Values: A Hedonic Study in Austin, Texas*. Presented at the 7th Conference of the International Association of China Planning, Shanghai, China, June 2013. [full paper and oral presentation]
- Houston, D., Boarnet M., Abdel-Salam G.*, **Li, W.**, and Yang, D.* (2013). *Walking to the Transit: Transit Proximity and Physical Activity in Low Income Communities*. Presented at the Active Living Research conference, San Diego, California, February 2013. [abstract and oral presentation]
- Li, W.**, Saphores, J.-D., and Gillespie, T.W. (2012). *Estimating the Economic Benefits of Urban Trees Using Satellite Imagery and Spatial Hedonic Models*. Presented at the 53rd Annual Conference of the Association of Collegiate Schools of Planning, Cincinnati, Ohio, November 2012. [full paper and oral presentation]
- Houston, D., Boarnet, M., **Li, W.**, Spears, S.* and Yang, D.* (2012). *How Far to the Bus? Transit Proximity, Bus Ridership, and Physical Activity*. Presented at the 53rd Annual Conference of the Association of Collegiate Schools of Planning, Cincinnati, Ohio, November 2012. [abstract and oral presentation]
- Li, W.** and Saphores, J.-D. (2012). *Assessing the Impacts of Freeway Truck Traffic on Residential Property Values: A Southern California Case Study*. Presented at the 91st Annual Meeting of the Transportation Research Board, Washington D.C., January 2012. [full paper and poster presentation]
- Li, W.** and Saphores, J.-D. (2011). *Assessing the Impacts of Truck Traffic on Residential Property Values Using Microsimulation and Hedonic Models: a Southern California Case Study*. Presented at the 52nd Annual Conference of the Association of Collegiate Schools of Planning, Salt Lake City, Utah, October 2011. [full paper and poster presentation]
- Saphores, J.-D., and **Li, W.** (2011). *Estimating the Value of Urban Green Areas: A Fixed Effects Model Applied to the Single Family Housing Market in Los Angeles, CA*. Presented at the Fourth Symposium on Global Emerging Environmental Challenges and Government Responses, Los Angeles, August 2011. [full paper and oral presentation]
- Li, W.** and J.-D. Saphores. (2009). *Estimating the Benefits of Urban Forests in the Los Angeles (CA) Multi-Family Housing Market - A Spatial Hedonic Approach*. Presented at the 56th Annual North American Meetings of the Regional Science Association International, San Francisco, California, November 2009. [full paper and oral presentation]

- Saphores, J.-D., and **Li, W.** (2009). *Estimating the Benefits of Urban Forests: An Application of Fixed Effects Model to the Los Angeles (CA) Single Family Housing Market*. Presented at the 56th Annual North American Meetings of the Regional Science Association International, San Francisco, California, November 2009. [full paper and oral presentation]
- Li, W.**, and Saphores, J.-D. (2009). *Estimating the Benefits of Urban Forests in the Los Angeles (CA) Multi-Family Housing Market: A Spatial Hedonic Approach*. Presented at the 50th Anniversary Conference of the Association of Collegiate Schools of Planning (ACSP), Crystal City, Virginia, October 2009. [full paper and oral presentation]
- Saphores, J.-D., and **Li, W.** (2009). *Estimating the Benefits of Urban Forests: An Application of Fixed Effects Model to the Los Angeles (CA) Single Family Housing Market*. Presented at the 50th Anniversary Conference of the Association of Collegiate Schools of Planning (ACSP), Crystal City, Virginia, October 2009. [full paper and oral presentation]
- Saphores, J.-D., and **Li, W.** (2009). *Estimating the Benefits of Urban Forests in the Single Family Housing Market: A Fixed Effects Model Applied to Los Angeles, CA*. Presented at the Western Economic Association International Conference, Vancouver, British Columbia, Canada, July 2009. [full paper and oral presentation]
- Pataki, D. E., Pincetl, S., Gillespie, T. W., **Li, W.**, McCarthy, H. R., Saatchi, S., and Saphores, J.-D. (2008). *Should We Plant Trees to Offset Greenhouse Gas Emissions in Semi-Arid Environments?* Presented at the 2008 Meeting of the American Geophysical Union, San Francisco, California, December 2008. [abstract and oral presentation]
- Gu, K., M. Haight, S. Young and **Li, W.** (2005). *Designing and Assessing Green Architecture: An Exploration of the Integrated Design Process and Performance Assessment Systems in China*. Presented at the First International Conference of Intelligent and Green Building Technologies, Beijing, China, March 2005. [full paper and oral presentation]

PROFESSIONAL EXPERIENCE

Founding President, ENDEAVR Institute (www.endeavr.city), a 501(c)(3) non-profit organization, College Station, Texas, 2020 – 2021.

Assistant Research Scientist, Texas A&M Transportation Institute (TTI), 2012 – 2018.

Treasurer and Member of the Board of Directors, China California Heart Watch, a 501(c)(3) non-profit organization, Irvine, CA, 2008 – 2014

- To organize fundraisers for children with congenital heart diseases in rural areas of China;
- Saved 35 young lives.

Founding Director, UCI China Earthquake Relief Fund, Irvine, CA, 2008

- Led a team of more than 40 volunteers and raised US \$33,000 for the 2008 Sichuan Earthquake in China;
- Featured in UCI Spotlight: <https://news.uci.edu/feature/campus-responds-to-crisis/>
- The University of California Chancellors' Meeting in May 2008 recognized my work as a crisis-response model for all University of California campuses.

Environmental Planner, Canadian International Development Agency, 2005 – 2006.

Assistant Appraiser, Beijing Tianpinghang Real Estate Appraisal Ltd., Beijing, China, 2001 – 2003.

Administration Assistant, Development Planning Committee, Renmin University of China, Beijing, China, 2001 – 2002.

Director of Public Affairs, RUC Chinese Young Volunteers Association, Beijing, China, 2000 – 2003.

TEACHING EXPERIENCE

Assistant to Associate Professor, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2012 – Present

New courses created by me

- URPN 203 – Smart Cities: Bit, Bots and Beyond. Certified as part of TAMU's University Core Curriculum – Social and Behavioral Sciences in 2021; Certified as TAMU's International and Cultural Diversity Requirement in 2020.
- CARC 411 – Interdisciplinary Bootcamp for Smart and Connected Communities
- CARC 412 – Interdisciplinary Capstone for Smart and Connected Communities

Other courses

- PLNA 610 – Structure and Functions of Urban Settlements
- PLAN 613 – Planning Methods and Techniques II
- PLAN 676 – Transportation Investment Decisions
- PLAN 612 – Transportation in City Planning
- URPN 369 – Transportation and Urban Form

Lecturer, School of Social Ecology, University of California, Irvine, 2011

- SE 13 - Statistical Analysis in Social Ecology; course evaluation score: 8.19 (on a 0 – 9 scale, where 0 means unsatisfactory, 1 means barely satisfactory, 3 means fair, 6 means good and 9 means excellent).

Teaching Assistant, School of Social Ecology, University of California, Irvine, 2008 – 2011

- E8 - Introduction to Environmental Analysis
- SE 13 - Statistical Analysis in Social Ecology
- U206 - Microeconomic Analysis for Urban Planners

Teaching Assistant, School of Planning, University of Waterloo, 2005 – 2006

- PLAN 103 - Planning, Administration and Finance

SERVICE ACTIVITIES

National / International

Member, Organizing Committee for the 55th Annual Conference of the Association of Collegiate Schools of Planning (ACSP), Houston, Texas. 2014 – 2015.

Member, Organizing Committee for the Sino-Canada Conference on Integrated Water Resource Management, Dalian, China, 2004.

University

Graduate Certificate in Transportation Planning, Texas A&M University.

- 2016 – present: Program Coordinator
- 2013 – 2016: Program Co-Coordinator
- 2012 – 2013: Program Member

Member, RELIS Smart Campus Initiative, Texas A&M University System, 2016 – present.

Member, Organizing Committee for the 16th University of California Transportation Center Student Conference, 2010.

Program Assistant, "2+2" Joint Undergraduate Program in Environment and Business between University of Waterloo and Chinese universities, 2005.

College

Executive Associate Director, Center for Housing and Urban Development, Texas A&M University, 2018 – present

Departmental

Master of Urban Planning Program, Department of Landscape Architecture and Urban Planning, Texas A&M University.

- 2016 – present: Coordinator
- 2012 – 2016: Member

Chair, Faculty Search Committee, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2016 – 2017.

Founder and Advisor, Doctoral Brown Bag Presentation Series Program, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2012 – present.

Member, Bachelor of Science in Urban and Regional Planning Program, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2012 – 2016.

Member, Master of Land and Property Development Program, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2015 – 2016.

Member, LAUP Peer-Reviewed Teaching Task Force, Texas A&M University, 2015 – 2016.

Member, Lecture Series Committee, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2012 – 2014.

Founding Chair, PhD Program Faculty Research Forum, Department of Planning, Policy and Design, University of California, Irvine, 2010 – 2011.

Student Representative to the Faculty Meeting, Department of Planning, Policy and Design, University of California, Irvine, 2010 – 2011.

EDITORIAL SERVICES

Associate Editor. *Journal of Planning Education and Research* (5-year Impact Factor: 5.768), 2019 – 2021.

Associate Editor. *Environmental Science and Policy* (5-year Impact Factor: 4.767), 2013 – 2016.

Ad-hoc Reviewer for National Science Foundation.

Ad-hoc Reviewer for Peer-Reviewed Journals:

- *Landscape and Urban Planning*
- *Journal of Planning Education and Research*
- *Urban Studies*
- *Environment and Planning A*
- *Transportation Research Part D*
- *Transportation*
- *Journal of Transport Policy*
- *Journal of Regional Science*
- *International Journal of Sustainable Transportation*
- *Journal of Transport and Land Use*
- *Journal of Planning Literature*
- *Transportation Research Record: Journal of the Transportation Research Board*
- *Transportation*
- *Habitat International*
- *Environmental Science and Policy*
- *Urban Geography*
- *Ecological Economics*
- *Journal of Economics and International Finance*
- *Urban Forestry and Urban Greening*
- *Risk Analysis*

INVITED TALKS

“Providing Transport for Medical Appointments and Essential Services.” Keynote Talk Invited by the Disabled American Veterans and American Legion, Harker Heights, Texas. November 2021.

“ENDEAVRide: Transport and Telemedicine for All.” Keynote Talk, at the 2021 Annual Conference of the Texas Association of State Systems for Computing and Communications, August 2021.

“ENDEAVR: Futureproofing Small Communities.” Invited Talk, Renmin University of China, May 2021.

“ENDEAVRide: Transport and Telemedicine for All.” Invited Talk for the City of Coppers Cove, April 2021.

“ENDEAVRide Telemedicine to Serve Patients with Transportation Challenges.” Invited Talk, by BaylorScott&White Health, March 2021.

“Emerging Transportation Technologies to Serve Small Communities.” Keynote Talk, Invited by Central Texas Council of Governments, February, 2021.

- “Integrating Mobility and Healthcare Services for Small, Underserved Communities.” Keynote Talk, Invited by AED40 Committee at the 100th Annual Meeting of the Transportation Research Board, January 2021.
- "Urban Planning and Development in the Era of Autonomous Vehicles." Invited by Brazos Valley Project Managers, a local venue of Project Management Institute (PMI), College Station, Texas, April 2019.
- "Automated Transportation and Cities." Invited by Dr. Chanam Lee for landscape architecture students, March 2019.
- "Autonomous Vehicles: Implications for Urban Form." Invited by Dr. Andrea Roberts for College of Architecture graduate students, March 2019.
- "What Do Urban Planners Do?" Invited by Pebble Creek Elementary School for Grade 2-4 students, January 2019.
- "Sustainable and Resilient Urban Infrastructure: Forcing Solutions Using Geo-Spatial and Economic Tools." Panelist presentation for faculty and students of Texas A&M University during the Texas A&M GIS Day 2018, November 2018.
- "Urban Planning and Development in the Era of Autonomous Vehicles." Invited by the Institute for Sustainable Communities, Texas A&M University, College Station, Texas, September 2018.
- "Planning for Paradigm Shifts in Sustainable Transportation" Invited by Dr. Chanam Lee for landscape architecture students, March and September 2018.
- "Exploring Innovative Research Methods to Support Investment Decisions on Urban Infrastructure." Invited by Dr. Sharon Chu for College of Architecture doctoral students, March 2018.
- "Promoting Sustainability and Health through Urban Infrastructure Investment." Invited by the Chinese Consulate General in Houston, for a delegation of Chinese urban planners, Houston, Texas, April 2017.
- "Envisioning Future Urban Development with Autonomous Vehicles." Invited to present at the TAMU Automated and Connected Transportation Symposium, College Station, Texas, March 2017.
- "Transportation in City Planning." Guest lecture for undergraduate students, invited by Professor June Martin, Texas A&M University, March 2017.
- "The Road Toward Sustainability: Coupling Geo-Spatial and Economic Tools to Support Investment Decisions on Urban Infrastructure." Panelist presentation for faculty and students of Texas A&M University during the Texas A&M GIS Day 2016, November 2016.
- "Advancing the Transportation Planning Research with Census Microdata." Guest lecture for doctoral students, invited by Dr. Yu Xiao, Texas A&M University, November 2016.
- "Introduction to Transportation Planning." Guest lecture for undergraduate students, invited by Dr. JunHyun Kim, Texas A&M University, November 2016.
- "Exploring the Synergistic Economic Benefit of Enhancing Transit Accessibility and Bikeability." Presentation and discussion as a Panelist, invited by the International Association for China Planning and the Renmin University of China, for the International Workshop on Urban Development and Public Transportation, Beijing, China, July 2016.
- "Sustainable Transportation Planning." Guest lecture for undergraduate students, invited by Dr. Eric Bardehagen, Texas A&M University, April 2016.

- "Transportation in City Planning." Guest lecture for undergraduate students, invited by Professor June Martin, Texas A&M University, March 2016.
- "Transportation Planning, Policy and Design." Guest lecture for undergraduate students, invited by Dr. Jihei Lee, Texas A&M University, March 2015.
- "Transportation Planning for Urban Mobility and Beyond." Guest lecture for graduate students, invited by Dr. Ayoung Woo, Texas A&M University, November 2015.
- "Promoting Sustainability and Equity in Transportation Planning." Guest lecture for undergraduate students, invited by Dr. Junhyun Kim, Texas A&M University, November 2015.
- "Introduction to Transportation Planning and Policy." Guest lecture for graduate students, invited by Dr. Hwanyong Kim, Texas A&M University, November 2014.
- "Using GIS to Support Investment Decisions on Sustainable Infrastructure." Panelist presentation for faculty and students campus wide during the Texas A&M GIS Day 2014, November 2014.
- "Economics and Planning for Sustainable Urbanism." Guest lecture for BLA undergraduate students, invited by Dr. Junhyun Kim, Texas A&M University, March, 2014.
- "Disparities in Exposure to Automobile and Truck Traffic and Vehicle Emissions Near the Los Angeles–Long Beach Port Complex." Invited talk about the research article (same title) published in *American Journal of Public Health* by Houston, D., Li, W., & Wu, J. (2014). Speaker: Dr. Houston. The Environmental Justice and Risk-Screening Environmental Indicators Symposium, University of Southern California, Los Angeles, CA, February, 2014.
- "Assessing Benefits and Costs of Urban Environmental Attributes in a Spatial Hedonic Framework." Invited talk for graduate students in Spatial Epidemiology, Health Science Center, Texas A&M University, October 2013.
- "Assessing Economic Benefits of Walkable Neighborhoods." Research presentation for faculty and students, Department of Urban Planning and Management, School of Public Administration, Renmin University of China, Beijing, China, July 2013.
- "Exploring Behavioral Impact of Public Transportation Infrastructure: A Longitudinal Quasi-Experimental Study in the United States." Invited talk at the Texas Census Research Data Center, March 2013.
- "Valuating Environmental Resources and Damages in a Hedonic Pricing Approach: Case Studies in Southern California." Guest lecture for graduate students in Transportation and Environmental Health, Department of Planning, Policy and Design, University of California, Irvine, February 2011.
- "Externalities, Market Failure and Environmental Valuation." Guest lecture for graduate students in Microeconomics for Urban Planning, Department of Planning, Policy and Design, University of California, Irvine, May 2010.
- "Understanding the Benefits of Urban Green and Open Spaces from Perspectives of Environmental Economics: Case Studies and Planning Implications." Research presentation for faculty and students, Department of Urban Planning and Management, School of Public Administration, Renmin University of China, Beijing, China, January 2010.
- "Hypothesis Testing, Effect Size, and Confidence Intervals: Two-Sample Designs." Guest lecture for undergraduate students in Statistical Analysis in Social Ecology, School of Social Ecology, University of California, Irvine, December 2009.

"Industrial Ecology and Sustainable Development in China's Industrial Parks." Research presentation for faculty and students, School of Management, Dalian University of Technology, Dalian, China, August 2004.

PROFESSIONAL ASSOCIATIONS

Transportation Research Board (TRB)

Regional Science Association International (RSAI)

Association of Collegiate Schools of Planning (ACSP)

Association of American Geographers (AAG)

International Association for China Planning (IACP)