

# Wei Li, Ph.D.

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## EDUCATION

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

## ACADEMIC APPOINTMENTS

### Texas A&M – Rank and Promotion History

Associate Professor (Tenured), Department of Landscape Architecture and Urban Planning, College of Architecture, Texas A&M University, 2018 – present

Assistant Professor (Tenure-Track), Department of Landscape Architecture and Urban Planning, College of Architecture, Texas A&M University, 2012 – 2018

### Texas A&M – Administrative Appointments

Program Coordinator, Graduate Certificate in Transportation Planning, Texas A&M University, 2016 – present

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

Program Coordinator, Master of Urban Planning, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2016 – 2021

### Other Academic Appointments

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

## AWARDS

### Texas A&M University Distinguished Awards

- **Distinguished Achievement Award**, Teaching, University-Level, The Association of Former Students of Texas A&M University, 2019. *Since 1955, this award has been awarded to those who exhibit the highest standards of excellence at Texas A&M.*
- Distinguished Achievement Award, Teaching, College-Level, The Association of Former Students of Texas A&M University, 2018
- Outstanding Instructor Award, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2017

## **National / International Awards**

- American Planning Association TX Chapter Implementation Award, *ENDEAVRide*, 2022
- The W.K. Kellogg Award for Exemplary Community Engagement, *ENDEAVR smart-city initiatives*. 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, 2021
- Excellent Paper Award, World Transport Convention, 2018

## **Other Awards**

- 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

## **Selected Competitive Awards Won by My Students**

- Mobility Innovation Award, Texas A&M Team, SAE AutoDrive Challenge, 2024
- First Place Award, Student Research Week, Texas A&M University. Students: Muyang Li (PhD – Urban and Regional Sciences), Tanushri Bhatt (Bachelor of Science in Urban and Regional Planning), Luke Solis (Bachelor of Science in Urban and Regional Planning). 2024
- Helene M. Overly Memorial Scholarship, WTS Houston Chapter, Student: Jiahe Bian (PhD – Urban and Regional Sciences), 2022
- Czamanski Dissertation Award, Regional Science Association International. Student: Haotian Zhong (PhD – Urban and Regional Sciences). 2019
- Student Project Award, American Planning Association TX Chapter, Student: Lauren Simcic (Master of Urban Planning), 2017

## **GRANTS**

### **Extramural Grants**

- 2018 – 2025 **Principal Investigator**
- Funded by **National Institutes of Health** (Multi-PI Structure with Dr. Chanam Lee and Dr. Marcia Ory, Award#: 1R01CA228921-01), \$2,600,000
  - Fighting Obesity by Reinventing Public Transportation: A Natural Experiment
- 2022 – 2025 **Co-Principal Investigator**
- Funded by SAE International (PI: Dr. Siva Rathinam), \$243,150
  - AutoDrive Challenge
- 2020 – 2023 **Principal Investigator**
- Funded by the U.S. Department of Transportation, SAFE-D University Transportation Center, \$494,855
  - 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
- 2021 – 2023 **Co-Principal Investigator**
- Funded by the National Institute for Congestion Reduction (PI: Dr. Peng Chen), \$64,993
  - Social Carpooling-based Road Congestion Mitigation: A Three-Level Analysis

- 2021 – 2022 **Principal Investigator**
- Funded by the **National Institutes of Health** (Multi-PI Structure with Dr. Chanam Lee and Dr. Marcia Ory, Award#: 3R01CA228921-04S1), \$207,335
  - Diversity Supplement Grant for Main Project 1R01CA228921-01
- 2018 – 2022 **Principal Investigator**
- Funded by the **W. M. Keck Foundation**, \$300,000
  - ENDEAVR: An Interdisciplinary Project-Based Learning Experience in Smart and Connected Communities
- 2015 – 2018 **Principal Investigator**
- Funded by the **National Science Foundation** (Award #: 1461766), \$176,355
  - Exploring Behavioral Impact of Public Transportation Infrastructure: A Longitudinal Quasi-Experimental Study in the United States
- 2015 – 2017 **Principal Investigator**
- Funded by **National Science Foundation**, \$7,250
  - Research Experience for Undergraduates (REU) Supplement Grant for Award #: 1461766
- 2016 – 2017 **Principal Investigator**
- Funded by Google Inc., \$50,000
  - Breaking the Barrier of Riding Buses for Visually Impaired Persons Using Bluetooth Beacons and Smartphones
- 2012 – 2013 **Principal Investigator**
- Funded by the Texas Department of Transportation, \$31,170
  - Assessing the Economic Value of Walkability: A Case Study in Austin, Texas
- 2009 – 2011 **Doctoral Dissertation Grant Recipient**
- Funded by the University of California Transportation Center, \$20,000
  - Assessing the Impacts of Truck Traffic on Residential Property Values: A Southern California Case Study
- 2004 – 2005 **Thesis Grant Recipient**
- Funded by the Canadian International Development Agency, CA\$8,000
  - Managing and Facilitating Eco-Industrial Development of an Industrial Park: A Case Study of Dalian DD Port, China
- Intramural Grants**
- 2023 – 2025 **Co-Investigator**
- Funded by the Texas A&M University ASCEND-TPT Program (PI: Dr. Chanam Lee), \$398,792
  - The Center for Healthy, Equitable, and Resilient Transportation + Environment in Texas (C-HEaRT)
- 2021 – 2023 **Co-Principal Investigator**
- Funded by the Texas A&M University T3 Program (PI: Dr. Luca Quadrifoglio), \$30,000
  - Reducing Emission by Using Connected Automated Vehicles in Large Urban Areas
- 2018 – 2019 **Co-Principal Investigator**
- Funded by the Texas A&M University T3 Program (PI: Dr. Manish Dixit), \$30,000
  - Impacts of Inlet Protection Measures on Road Flooding Caused By Tropical Storms And Hurricanes
- 2018 – 2021 **Principal Investigator**
- Texas A&M University Matching Funds for the W. M. Keck Foundation Grant, \$207,806
  - ENDEAVR: An Interdisciplinary Project-Based Learning Experience in Smart and Connected Communities
- 2016 – 2019 **Principal Investigator**
- Texas A&M University Office of the Vice President for Research, Multi-PI with Dr. Chanam Lee and Dr. Macia Ory, \$50,000

- Assessing the Impact of Public Transit on Physical Activity: A Natural Experimental Study in El Paso, Texas
- 2016 – 2017 **Principal Investigator**
  - Texas A&M University PESCA Program, \$25,000
  - Reinventing Public Transportation Programs to Fight Obesity Epidemic: A Pilot Study in El Paso, Texas
- 2013 – 2014 **Co-Principal Investigator**
  - College of Architecture, Texas A&M University (PI: Dr. Galen Newman), \$15,000
  - High-Impact Interdisciplinary Service Learning Experiment in Sustainable Transportation and Healthy Cities
- 2013 **Principal Investigator**
  - Texas Census Research Data Center, \$4,850
  - Proposal Development Grant: Exploring Behavioral Impact of Transportation Infrastructure
- 2013 **Co-Principal Investigator**
  - The Center for International Intelligent Transportation Research, Texas A&M Transportation Institute (PI: Dr. David Bierling), \$9,551
  - El Paso Socio-Economic-Health Data Assessment
- 2009 – 2011 **Fellowship Recipient**
  - Doctoral Dissertation Fellowship from School of Social Ecology, University of California, Irvine, \$4,500
  - Understanding the Intangible Benefits and Costs of Environmental Attributes Using the Hedonic Pricing (HP) Method

### **Other Funded Research**

Note: For the following funded research projects, I worked as Assistant Research Scientist of the Texas A&M Transportation Institute. I did not participate in the grant application work.

- 2016 – 2017 **Assistant Research Scientist**
  - Funded by the Texas A&M University; \$500,000
  - Development of the Texas A&M University Campus Transformational Mobility Plan
- 2013 – 2015 **Assistant Research Scientist**
  - Funded by the Texas Department of Transportation; \$875,000
  - Air Quality and Conformity Interagency Contract
- 2013 – 2014 **Assistant Research Scientist**
  - Funded by the Texas A&M Transportation Institute Strategic Research Program; \$40,000
  - Transportation, Air Quality, and Health Impacts – Pilot Study Using Wearable Monitoring Devices
- 2012 – 2013 **Assistant Research Scientist**
  - Funded by Rider 8 Grant of the Texas Commission on Environmental Quality; \$150,000
  - Evaluation of Emissions Control Strategies for the El Paso Region

## **PEER-REVIEWED JOURNAL ARTICLES**

(\* denotes students)

### **Research Articles**

1. Zhong, H., Wang, K., Li, W., Burris, M.W., Sinha, K.C. (2024). An urban-rural divide? Preferences for autonomous vehicles in small and mid-sized metropolitan areas. *Applied Geography*, 169, 103324. [Link](#)
2. Chen, A.\*, Li, W., Lee, C., Towne, S.D., Zhong, S., Ory, M. (2024). Ridership Boosting Strategies for Transit Agencies with Different Characteristics: Insights from a Nationwide Survey. *Transportation Research Record*. Forthcoming.

3. Bian, J.\*, **Li, W.**, Chen, A.\*, Usman, M., Ye, X., Li, X., Dadashova, B., Lee, C., Ory, M. (2024). Smartphone Usage and Daily Trips: An Empirical Study of Small and Rural Communities in Texas. *Transportation Planning and Technology*. [Link](#)
4. **Li, W.**, Lee, C., Towne, S.D., Zhong, S., Bian, J.\*, Lee, H., Lee, S., Zhu, X., Noh, Y., Song, Y., and Ory, M. (2024). Building Sustainable and Connected Communities by Addressing Public Transportation's First-Mile Problem: Insights from a Stated Preference. *Sustainability*, 16(5), 1783. [Link](#)
5. Park, J.\*, Zahabi, M., Zheng, X., Ory, M., Benden, M., McDonald, A. D., & **Li, W.** (2024). Automated vehicles for older adults with cognitive impairment: a survey study. *Ergonomics*, 1-18. [Link](#)
6. **Li, W.**, Zhong, H.\*, & Boarnet, M. G. (2024). Effects of new transit lines on commuting: Evidence from restricted-use Census Bureau microdata. *Applied Geography*, 164, 103202. [Link](#)
7. Li, X., Rybarczyk, G., **Li, W.**, Usman, M.\*, Bian, J.\*, and Ye, X. (2023). How do people perceive driving risks in small towns? A case study in Central Texas. *Accident Analysis and Prevention*, 193, 107285. [Link](#)
8. Usman, M.\*, **Li, W.**, Bian, J.\*, Chen, A.\*, Ye, X., Li, X., Dadashova, B., Lee, C., Lee., K., Rathinam, S., Ory, M. (2023). Small and Rural Towns' Perception of Autonomous Vehicles: Insights from a Survey in Texas. *Transportation Planning and Technology*, 47(2), 200-225. [Link](#)
9. **Li, W.**, Bian, J.\*, Lee, C., Bologan, A., Theodora, C., Calvesbert, T., Masterson, J., Stillisano, J., Wright, K., Shields, S., Fowler, D. (2023). Interdisciplinary and project-based service-learning for smart and connected communities: Insights from ENDEAVR. *Journal of Interdisciplinary Studies in Education*, 12(2). [Link](#)
10. Bian, J.\*, **Li, W.**, Lee, C. (2023). Current Practices and Emerging Trends of Transit Apps for Fixed-Route Bus Services in the USA. *Journal of Public Transportation*, 25, 100052. [Link](#)
11. **Li, W.**, Lee, C., Zhong, S., Xu, M., Towne, S.D., Zhu, X., Lee, S., Wang, S., Aldrete, R., Garcia, E.B., Whigham, L., Toney, A.M., Ibarra, J., and Ory, M. (2023). Examining the Impacts of Public Transit on Healthy Aging through a Natural Experiment: Study Protocols and Lessons Learned from the Active El Paso Project. *Frontiers in Public Health*, 11. [Link](#)
12. Zhong, H.\*, and **Li, W.** (2023). What if Autonomous Vehicles Had Been Introduced into Cities: A Counterfactual Analysis. *Urban Studies*, 60(16). [Link](#)
13. Zhong S, Lee C, Bian J\*, Towne SD Jr, Lee H, Song Y, **Li, W**, Ory MG. (2023). Environmental and mobility strategies during early COVID-19: Insights from an empirical study focusing on park visitations in El Paso, Texas. *HERD - Health Environments Research & Design Journal*, 16(3), [Link](#)
14. Lee, S. Lee, C. Xu, M, **Li, W.**, Ory, M. 2022. People living in disadvantaged areas faced greater challenges staying active and using recreational facilities during the COVID-19 pandemic. *Health and Place*, 75, 102805. [Link](#)
15. Bian, J.\*, Zhong, S., Towne Jr, S. D., Lee, C., Ory, M. G., & **Li, W.** (2022). Perceived risks of transit use during COVID-19: Correlates and strategies from a case study in El Paso, Texas. *Journal of Transport & Health*, 27, 101491. [Link](#)
16. Noh, Y. and **Li, W.** (2022). Impact of Light Rail: A Spatial-Temporal Assessment of Neighboring Residential Property Values in Los Angeles. *Journal of Planning Education and Research*. [Link](#)
17. Bian, J.\*, **Li, W.**, Zhong, S., Lee, C., Foster, M., & Ye, X. (2022). The end-user benefits of smartphone transit apps: a systematic literature review. *Transport Reviews*, 42(1), 82-101. [Link](#)
18. 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). [Link](#)
19. 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*, 15(12), [Link](#)

20. 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. [Link](#)
21. 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. [Link](#)
22. 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. [Link](#)
23. Kim, J.H., **Li, W.**, Newman, G., Kil, S.H., and Park, S.Y. \* (2018). The influence of urban landscape spatial patterns on single-family housing prices. *Environment and Planning B: Planning and Design*, 45(1), 26-43 [Link](#)
24. **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. [Link](#)
25. Won, J.\*, Lee, C., and **Li, W.** (2018). Are walkable neighborhoods more resilient to the foreclosure spillover effects? *Journal of Planning Education and Research*, 38(4), 463-473. Published online before print. [Link](#)
26. Sindhu, J.\*, Choi, K., Lavy, S., Rybkowski, Z., Bigelow, B., **Li, W.** (2018). Effects of front-end planning under fast-tracked project delivery systems for industrial projects. *International Journal of Construction Education and Research*, 14(3), 163-178. [Link](#)
27. 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. [Link](#)
28. **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*, 54(15). [Link](#)
29. Zhong, H.\*, and **Li, W.** (2016). Rail transit investment and property values: An old tale retold. *Transport Policy*, 51, 33-48. [Link](#)
30. 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*. [Link](#)
31. 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. [Link](#)
32. **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. [Link](#)
33. **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. [Link](#)
34. **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(1), 162-170. [Link](#)
35. 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. [Link](#)
36. **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(1), 48-56. [Link](#)
37. **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. [Link](#)
38. 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. [Link](#)

### **Editorials**

39. Jourdan, D., Lee, C., **Li, W.**, Newman, G., & Van Zandt, S. (2021). Planning the Allocation and Reallocation of Urban Space. Editorial. *Journal of Planning Education and Research*, 41(2). [Link](#)
40. Newman, G., Lee, C., Jourdan, D., **Li, W.**, & Van Zandt, S. (2021). Planning the Allocation and Reallocation of Urban Space. Editorial. *Journal of Planning Education and Research*, 41(3). [Link](#)
41. Van Zandt, S., Jourdan, D., Lee, C., **Li, W.**, Newman, G., & (2020). Publishing in the time of COVID-19. Editorial. *Journal of Planning Education and Research*, 40(4). [Link](#)

### **Manuscripts Under Review**

42. Bian, J., **Li, W.**, Lee, C. Can transit apps boost ridership? An empirical study in San Antonio, Texas Corresponding. *Transportation Research Part A*.
43. Sun, Q.\* , **Li, W.**, Nguyen, J.\* How to Steer into the Future? Strategies for Local Planners in the Age of Autonomous Vehicles. *Transport Reviews*.
44. Sun, Q.\* , Li, X., Wu, D., Huang, T., Ye, X., **Li, W.** Assessing volume delay function accuracy through multi-source traffic data: Insights from connected vehicle data and traffic simulation data. *Transportation Research Record*.
45. Usman, M.\* , **Li, W.**, Goddard, T., Ory, M., Lee, C., Quadrioglio, L. From Skylines to Sidelines: Unveiling the Societal Impact Perceptions and Adoption Intentions of Autonomous Vehicles in Urban vs. Rural Texas. *Transportation Research Record*.

## **TECHNICAL REPORTS**

(\* denotes students)

1. **Li, W.**, Ye, X., Li, X., Dadashova, B., Ory, M., Lee, C., Rathinam, S., Usman, M.\* , Chen, A.\* , Bian, J.\* , Sprout, W.\* , Li, S., Du, J.\* (2023). *Autonomous Vehicles for Small Towns: Exploring Perception, Mobility, and Safety*. Final Research Report prepared for U.S. Department of Transportation. [Link](#)
2. **Li, W.** (2017). *Embracing Resilience in Transportation Policy and Planning*. White paper prepared for the Texas Department of Transportation.
3. **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.
4. **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.
5. 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. [Link](#)
6. **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.
7. **Li, W.**, Ramani, T. and K. Warsow (2014). *Addressing Emissions-Related Health Issues in Transportation Planning*. White paper prepared for Texas Department of Transportation.
8. **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.
9. **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. [Link](#)
10. 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.

11. **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.
12. **Li, W.** (2005). *Dalian, China: Planning Systems and Development Review*. Prepared for the Canadian International Development Agency.

## CONFERENCE PRESENTATIONS AND PROCEEDINGS

(\* *denotes students*)

1. Noh, Y., Lee, C., Song, Y., **Li, W.**, Lee, H. (2024). Evaluating the Impacts of Bus Rapid Transit (BRT) Implementation on the Housing Market in El Paso, Texas: A Spatial Hedonic and Difference-in-Differences Analysis. [full paper and oral presentation]. Presented at the American Real Estate Society Annual Conference, Tucson, Arizona, March 2024.
2. Zhu, X., Lee, H., Lee, C., Zhong, S., **Li, W.**, Park, A., Towne, S., Ory, M. (2024). Impacts of Physical and Social Environments on Perceived Neighborhood Livability in El Paso, Texas. [full paper and oral presentation]. Presented at the Active Living Conference, Chattanooga, Tennessee, March 2024.
3. Sun, Q.\*, **Li, W.**, Nguyen, J. Planning for Disruption: A Systematic Literature Review of Local Agencies' Response to Autonomous Vehicles Using the Planned Behavior Theory. Presented at the 103rd Annual Meeting of the Transportation Research Board, Washington D.C., January 2024. [full paper and poster presentation].
4. Chen, A.\*, **Li, W.**, Ory, M., Bian, J.\*, Usman, M. \*, Ye, X., Dadashova, B., Li, X., Sun, Q. \*, Li, M. \* The Benefits of On-Demand Transit for Older Adults and People with Disabilities in Rural America – A Natural Experiment Study in Nolanville, Texas. Presented at the 103rd Annual Meeting of the Transportation Research Board, Washington D.C., January 2024. [full paper and oral presentation]
5. **Li, W.**, Autonomous Transit for Small Towns. Presented at the American Planning Association Texas Chapter Annual Conference, November 2023.
6. **Li, W.** ENDEAVR Autonomous Driving Demonstration. School of Architecture ShowCase, College Station, Texas, October 2023.
7. **Li, W.**, Lee, C., Towne, S., Zhong, S., Bian, J. \*, Lee, H., Lee, S., Ory, M. Exploring the Potential of Autonomous Vehicles in Solving Public Transit's First-Mile Problem: A Stated Preferences Survey in El Paso, Texas. The Annual Conference of the Association of Collegiate Schools of Planning, Chicago, Illinois, October 2023. [Abstract and Oral Presentation]
8. Bian, J. \*, **Li, W.**, Lee, C. Current Practices and Emerging Trends of Transit Apps in the USA. The Annual Conference of the Association of Collegiate Schools of Planning, Chicago, Illinois, October 2023. [Abstract and Oral Presentation]
9. Usman, M. \*, **Li, W.**, Ory, M., Goddard, T., Quadrifoglio, L., How Do Texans Perceive the Societal Impacts of Autonomous Vehicles? Small Towns vs. Large Cities. The Annual Conference of the Association of Collegiate Schools of Planning, Chicago, Illinois, October 2023. [Paper and Oral Presentation]
10. Ye, X., Sanchez, T., **Li, W.**, Zhu, C. \*, Fang, L., Qian, H. Urban Data Science in Planning. The Annual Conference of the Association of Collegiate Schools of Planning, Chicago, Illinois, October 2023. [Moderator & Speaker; Roundtable Discussion]
11. Park, A., Lee, C., Zhu, X., **Li, W.**, Ory, M., Travel Log for Physical Activity and Transportation Research: Challenges and Alternatives. The Annual Conference of the Association of Collegiate Schools of Planning, Chicago, Illinois, October 2023. [Paper and Oral Presentation]
12. Lee, C., Lee, H., **Li, W.**, Ory, M. Built Environment, Transit Use, and Physical Activity: Exploring Their Relationships in a Predominantly Hispanic Community Along the US-Mexico Border. The Annual Conference of the Association of Collegiate Schools of Planning, Chicago, Illinois, October 2023. [Abstract and Oral Presentation]
13. Li, M. \*, **Li, W.**, Ory, M. Are Older Adults Living in Small Towns Ready for Autonomous Public Transportation? Qualitative Evidence from Nolanville, Texas. The Annual Conference of the



- Association of Collegiate Schools of Planning, Chicago, Illinois, October 2023. [Paper and Oral Presentation]
14. Ye, X., Li, S., Du, J.\*, & **Li, W.** (2023) Design and Implementation of a Human-Centered, Interactive Transportation Dashboard for Small Towns through Heterogeneous Spatial Data Integration, Proceedings of the 18th International Conference on Computational Urban Planning and Urban Management (CUPUM). [Paper and Oral Presentation] <https://osf.io/fcdq4>
  15. Bian, J.\* **Li, W.**, Chen, A.\*, Usman, M.\*, Ye, X., Li, X., Dadashova, B., Lee, C., Ory, M. (2023). Smartphone Usage and Daily Trips: An Empirical Study of Small and Rural Communities in Texas. Presented at the 102nd Annual Meeting of the Transportation Research Board, Washington D.C., January 2023. [full paper and poster presentation].
  16. Kuzio, J., **Li, W.** (2023). Looking Ahead: An Assessment of Planners' Intentions and Concerns Regarding the Equitable Deployment of Transportation Technologies. Presented at the 102nd Annual Meeting of the Transportation Research Board, Washington D.C., January 2023. [full paper and poster presentation].
  17. **Li, W.**, Zhong, H., Boarnet, M. (2023). Examining the Effects of Transit Lines on Commuting Using Restricted-Access Census Microdata. Presented at the 102nd Annual Meeting of the Transportation Research Board, Washington D.C., January 2023. [full paper and oral presentation].
  18. Chen, A\*., **Li, W.**, Lee, C., Towne, S., Zhong, S., Ory, M. (2023). Ridership Boosting Strategies for Transit Agencies with Different Characteristics: Insights from a Nationwide Survey. Presented at the 102nd Annual Meeting of the Transportation Research Board, Washington D.C., January 2023. [full paper and oral presentation].
  19. **Li, W.**, Roscom, K., Chen, A\*., Hu, Z.\*, Briggs, C., Escajeda, K., Bian, J.\*, Lam, M., Masterson, J., Ory, M., Sprout, W., Usman, M.\* (2022). Transport + Telemedicine for Small, Rural Communities: Killing Two Birds with One Stone. Presented at the American Planning Association Texas Chapter Annual Conference, October 2022, El Paso, Texas, [Abstract and oral presentation]
  20. Lee, C., **Li, W.**, Ory, M., Ibarra, J., Towne, S., Zhu, X., Lee, H., Lee, S., Yang, S. Toney, A., Whigham, L. (2022). Active El Paso Project: Connecting transportation, health, and equity through multi-sectorial approaches. Presented at the American Planning Association Texas Chapter Annual Conference, October 2022, El Paso, Texas, [Abstract and oral presentation]
  21. Thapa, J., **Li, W.**, Roberts, A. (2022). Addressing Rural Challenges with Innovative Technological Strategies. Presented at the American Planning Association National Annual Conference, May 2022, Virtual.
  22. Lee, C., **Li, W.**, Zhu, X., Xu, M., and Ibarra, J. (2021). Roundtable: Natural Experiments for Interdisciplinary Planning Research: Promises and Lessons from Two NIH Projects. Presented at the Association of Collegiate Schools of Planning Annual Conference, October 2021, Virtual [abstract and oral presentation]
  23. Lee, S., Lee, C., Xu, M., **Li, W.**, Ory, M. (2021). COVID-19 Pandemic Impacts on Outdoor Recreational Walking: Examining the Moderating Effects of Area Deprivation. Presented at the Association of Collegiate Schools of Planning Annual Conference, October 2021, Virtual [abstract and oral presentation]
  24. Ye, X., Sanchez, T., **Li, W.**, Wang, Y., and Jiang, S. (2021). Roundtable: AI in Planning. Presented at the Association of Collegiate Schools of Planning Annual Conference, October 2021, Virtual [abstract and oral presentation]
  25. **Li, W.**, Lee, C., Bian, J.\*, Chaspari, T., Masterson, J., Bologan, A. Calversbert., T., (2021). Roundtable: Interdisciplinary Service-Learning Projects that Turn Small, Underserved Communities into Smart Cities. Presented at the Association of Collegiate Schools of Planning Annual Conference, October 2021, Virtual [abstract and oral presentation]
  26. **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. Orlando, Florida. [abstract and oral presentation]
  27. **Li W**, Ahn R, Lee C, Towne S, Zhu, X. (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]

28. Towne, S. Jr, Ory, M., **Li, W.**, Xu, M, Bian, J\*, Lee, C. (2020). Social and structural determinants of forgone medical care among potentially vulnerable populations residing along the US-Mexico border. Accepted for presentation at the American Public Health Association Annual Conference. Oct 24-28, 2020. San Francisco, CA, USA.
29. Xu, M, Lee, C, **Li, W.**, Bian, J\*, Zhu, X, Towne, S. Jr, Ory, M. (2020). The effect of Bus Rapid Transit on Walking, BMI, and Physical Activity. Oral presentation at the Active Living Research Annual Conference. February 2-5, 2020. Orlando, FL, USA.
30. Towne, S. Jr, **Li, W.**, Ory, M., Xu, M, Zhu, X, Bian, J\*, Lee, C. (2020). Factors associated with adequate weekly moderate-to-vigorous physical activity among lower income Hispanic adults residing near the US-Mexico Border. Accepted for oral presentation at the Active Living Research Annual Conference. February 2-5, 2020. Orlando, FL, USA.
31. 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, Charleston, South Carolina, February 2019. [abstract and workshop]
32. 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]
33. 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]
34. 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]
35. 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]
36. **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]
37. 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]
38. 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]
39. **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]
40. **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]
41. **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]
42. 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]
43. 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]
  44. 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]
  45. 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]
  46. 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]
  47. **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]
  48. **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]
  49. **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]
  50. **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]
  51. **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]
  52. **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]
  53. 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]
  54. **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]
  55. **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]

56. **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]
57. **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]
58. **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 55<sup>th</sup> Annual Conference of the Association of Collegiate Schools of Planning, Houston, Texas, October 2015. [full paper and oral presentation]
59. 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 55<sup>th</sup> Annual Conference of the Association of Collegiate Schools of Planning, Houston, Texas, October 2015. [Abstract and oral presentation]
60. 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 55<sup>th</sup> Annual Conference of the Association of Collegiate Schools of Planning, Houston, Texas, October 2015. [abstract and oral presentation]
61. **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 14<sup>th</sup> International Conference on Travel Behaviour Research, Windsor, U.K., July 2015. [full paper and oral presentation]
62. 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]
63. **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]
64. 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]
65. 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]
66. **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 19<sup>th</sup> International Conference of the Hong Kong Society for Transportation Studies, Hong Kong SAR, China, December 2014. [full paper and oral presentation]
67. **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 54<sup>th</sup> Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, Pennsylvania, November 2014. [abstract and oral presentation]
68. Zhong, H.\* and **Li, W.** (2014). *Assessing the Property Value Impacts of Rail Transit System in Los Angeles, California*. Presented at the 54<sup>th</sup> Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, Pennsylvania, November 2014. [full paper and poster presentation]
69. 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 54<sup>th</sup> Annual Conference of the Association of Collegiate Schools of Planning, Philadelphia, Pennsylvania, November 2014. [abstract and oral presentation]

70. 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]
71. **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]
72. **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 44<sup>th</sup> Annual Conference of the Urban Affairs Association, San Antonio, Texas, March 2014. [full paper and oral presentation]
73. 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 44<sup>th</sup> Annual Conference of the Urban Affairs Association, San Antonio, Texas, March 2014. [full paper and oral presentation]
74. **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 93th Annual Meeting of the Transportation Research Board, Washington D.C., January 2014. [full paper and oral presentation]
75. **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]
76. 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]
77. **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]
78. **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 7<sup>th</sup> Conference of the International Association of China Planning, Shanghai, China, June 2013. [full paper and oral presentation]
79. 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]
80. **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]
81. 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]
82. **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]
83. **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]

84. 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]
85. **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]
86. 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]
87. **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]
88. 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]
89. 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]
90. 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 Annual Meeting of the American Geophysical Union, San Francisco, California, December 2008. [abstract and oral presentation]
91. 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](#), a 501 (c)(3) public charity dedicated to empowering small, underserved communities with emerging technologies, 2020 – present. Activities: [YouTube Channel](#); [LinkedIn Page](#)
- Founding Board Member and Secretary, [Nolanville Smart Museum](#), a 501 (c)(3) nonprofit organization committed to fostering a community of active learning and innovation involving emerging, sustainable technologies, 2024 – present
- 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
- Organized 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;
  - University of California Chancellors' Meeting in May 2008 recognized my work as a crisis-response model for all University of California campuses. Featured in [UCI Spotlight](#)
- 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

- 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
- CARC 489 – ENDEAVR Interdisciplinary Capstone

### Course Evaluation Scores at Texas A&M based on the 5-point scale

	CARC 411	CARC 412	CARC 489	PLAN 610	PLAN 612	PLAN 612 (Online)	PLAN 613	PLAN 676	URPN 203 (Online)	URPN 369	URPN 369 (Online)	URPN 493
Fall 2012					4.58					4.68		
Spring 2013								4.68				
Summer 2013						4.59					4.73	
Fall 2013					4.60					4.91		
Spring 2014							4.13	4.12				
Summer 2014						4.59						
Fall 2014						4.83				4.64		
Spring 2015							4.37	4.33				
Summer 2015						4.18					4.47	
Fall 2015						4.85				4.93		
Spring 2016							4.79					
Summer 2016						4.73						
Fall 2016						4.75				4.80		
Spring 2017								4.83				
Spring 2018				4.73								
Summer 2018						4.64					4.82	
Fall 2018				4.60	4.90							
Fall 2019			4.75									
Spring 2021												3.60
Summer 2021						4.33			5.0			
Fall 2021	3.75				4.5							
Spring 2022												3.53
Summer 2022						5.0					4.0	
Fall 2022		4.5										
Spring 2023												
Summer 2023									5.0		5.0	
Fall 2023					4.89	5.0				4.5		

### Grants Dedicated to Teaching and Advising

2023 – 2025

*Co-Principal Investigator*

- Funded by SAE International (PI: Dr. Siva Rathinam), \$243,150
- AutoDrive Challenge

2021 – 2022

*Principal Investigator*

- Funded by the **National Institutes of Health** (Multi-PI Structure with Dr. Chanam Lee and Dr. Marcia Ory, Award#: 3R01CA228921-04S1), \$207,335
  - Diversity Supplement Grant for Main Project 1R01CA228921-01
- 2018 – 2022 **Principal Investigator**
- Funded by the **W. M. Keck Foundation**, \$300,000
  - ENDEAVR: An Interdisciplinary Project-Based Learning Experience in Smart and Connected Communities
- 2015 – 2017 **Principal Investigator**
- Funded by **National Science Foundation**, \$7,250
  - Research Experience for Undergraduates (REU) Supplement Grant for Award #: 1461766

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

## ADVISING GRADUATE STUDENTS

I have served on **110 graduate student committees** since 2012:

- 44 committees as Sole Chair
  - 7 doctoral students
  - 37 masters students
- 9 committees as Co-Chair
  - 2 doctoral students
  - 7 masters students
- 57 committees as Member
  - 23 doctoral students
  - 34 masters students

### Doctoral Committees – As Chair / Co-Chair

Student Name	Degree	Major	Graduation Date	Topic	Role
Muhammad Usman	PHD	URSC	Ongoing	Exploring the Social Impacts and Adoption of Autonomous Vehicles in Texas: Perspectives from Small and Rural Communities	Chair
Andong Chen	PHD	URSC	Ongoing	Microtransit in Rural Communities	Chair
Quan Sun	PHD	URSC	Ongoing	Building Digital Twins as an Engagement Tool for Implementing Autonomous Vehicles	Chair
Jane Bian	PHD	URSC	08-2023	Riding Transit in New Technological Environment: Smartphone Transit Apps and Transit Use	Chair
Jacqueline Kuzio	PHD	URSC	12-2021	Planning for an Equitable Future with Transportation Technologies	Chair
Haotian Zhong	PHD	URSC	08-2020	Autonomous Vehicles, Travel Behavior, and Urban Structure	Chair
Jinuk Hwang	PHD	URSC	08-2020	Improving Mobility of People with Disabilities: The Potential of Autonomous Vehicle Transportation Service and the Role of the Built Environment	Chair
Han Park	PHD	URSC	08-2017	Housing Choice Voucher Households and Neighborhood Quality: A Case Study of Harris County, Texas	Co-Chair



<b>Philip Lasley</b>	PHD	URSC	05-2017	The Influence of Transportation on Residential Choice: A Survey of Texas REALTORS® on Factors Affecting Housing Location Choice	Co-Chair
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### **Masters Committees – As Chair / Co-Chair**

Student Name	Degree	Major	Graduation Date	Topic	Role
<b>Mahya Mahdavi</b>	MUP	URPL	05-2024	Introducing an Innovative Technology for Enhanced IEA and V2X Communications to Mitigate Traffic Crashes in Urban and Rural Areas	Chair
<b>Elizabeth Dupont</b>	MUP	URPL	05-2024	Fixed-Route and Service Improvements in Liberty County, Texas: Addressing Social and Environmental Equity in Rural Transit	Chair
<b>Tristan Lyons</b>	MUP	URPL	05-2023	Implementing Autonomous Vehicles in the Pedestrian Zones	Chair
<b>Muyang Li</b>	MUP	URPL	05-2023	Older Adults' Demand and Expectations for Autonomous Public Transit: A Small-Town Case Study	Chair
<b>Anthony Trefny</b>	MUP	URPL	05-2022	The Implications of New Urbanism on Socioeconomic Equity	Chair
<b>Wesley Sprott</b>	MUP	URPL	05-2022	Microtransit in Small Cities: Nolanville, TX	Chair
<b>Jayasree Korukonda</b>	MUP	URPL	12-2021	Land Suitability Analysis for Curb Management for Parking Demand– Downtown Austin	Chair
<b>Edgar Millard</b>	MUP	URPL	08-2021	Complete Streets and Connected Communities: Multimodal Mobility in the Inner West Corridor, Houston	Co-Chair
<b>Ashley Berd</b>	MUP	URPL	05-2021	Bicycle Freeways and their Foreseeable Future in the U.S.	Chair
<b>Bhavya Iyer</b>	MUP	URPL	05-2021	Transit Revitalization: Influence of Micromobility & Autonomous Vehicles on Transit Ridership	Co-Chair
<b>Nancy Manoj</b>	MUP	URPL	05-2021	Cost-Benefit Analysis of the ENDEAVRide Telemedicine Service in Nolanville, TX	Chair
<b>Lei Yang</b>	MUP	URPL	08-2020	A GIS-Based Evaluation of Future Autonomous Transit Travel Demand and Walkable Place in Harris County, Texas	Chair
<b>Samina Safdarbhai Limkhedawala</b>	MUP	URPL	05-2020	Transportation Demand Management on the Texas A&M University - College Station Campus (TAMU): Best Practices and Recommendations for Upgrading TDM on TAMU Campus	Co-Chair
<b>Smruti Ankush Parab</b>	MUP	URPL	05-2020	A Proposal to Review South Texas Avenue Corridor in College Station and Propose Solutions to Improve Its Safety and Suggest Improvements to Accommodate Autonomous Vehicles	Chair
<b>Noel Perez</b>	MUP	URPL	05-2020	A Proposal to Review South Texas Avenue Corridor in College Station and Propose Solutions to Improve Its Safety and Suggest Improvements to Accommodate Autonomous Vehicles	Co-Chair
<b>Chenyu Huang</b>	MUP	URPL	12-2019	The Study of 'Multimobility Week' with Road Safety Improvement in China	Chair
<b>Nan Wang</b>	MUP	URPL	05-2019	Identifying Physical and Socio-Economic Variables that Predict Flooding: A Case Study in Houston, Texas	Chair
<b>Seung Dong Lee</b>	MUP	URPL	05-2018	Low Impact Development (LID) applications using for stormwater management in Seoul, South Korea	Co-Chair
<b>Brett Huntsman</b>	MUP	URPL	05-2018	Land Value Taxation: Exploring LVTs as a Redevelopment Tool to Create More Livable Cities and Generate Revenue	Chair
<b>Han Liu</b>	MUP	URPL	05-2018	Small Town with Special Characters in China	Chair
<b>Kyuhyun Lee</b>	MUP	URPL	12-2017	Synergistic Effects of Transit and Nonmotorized Transportation Infrastructure on Commuting Behavior in Seven Cities in the United States	Chair
<b>Tamanna Tasnum</b>	MUP	URPL	08-2017	Psychological Effects of Walking on Urban Streets with Varying Greenery and Sidewalk Characteristics: A Pilot Study	Co-Chair
<b>Wesley Shimek</b>	MUP	URPL	05-2017	University transit planning by Cost-Benefit Analysis and passenger demand	Chair
<b>Pranjali Dixit</b>	MUP	URPL	05-2017	Investigating the impact of BRT on land use patterns using UrbanSim	Chair
<b>Yige Tang</b>	MUP	URPL	05-2017	Evaluating the performance of Aggie Bus	Chair

<b>Sai Praneeth Kalakuntla</b>	MUP	URPL	05-2017	Cost and benefit analysis to adopt autonomous buses in Austin, Texas	Chair
<b>Qiao Zhao</b>	MUP	URPL	05-2017	The relationship between TOD and rail-based accessibility in metropolitan Areas	Chair
<b>Siqing Yi</b>	MUP	URPL	05-2017	Socio-economic impact of park-and-ride facilities	Chair
<b>Dong Xiao</b>	MUP	URPL	12-2016	Assessing the land value impacts of the Metro Orange bus rapid transit line in the city of Los Angeles	Chair
<b>Xi Chen</b>	MUP	URPL	08-2016	How do graduate students travel? A case study of Texas A&M University	Chair
<b>Qiushuo Li</b>	MLA	LAND	05-2016	Harrisburg Revitalization Plan	Co-Chair
<b>Lauren Simcic</b>	MUP	URPL	05-2016	Grimes County (Texas) thoroughfare plan	Chair
<b>Sepeedeh Rastegar-Panah</b>	MUP	URPL	12-2015	Design and planning for transit-oriented development	Chair
<b>Tahoon Jeong</b>	MUP	URPL	08-2015	Brownfield redevelopment and property values	Chair
<b>Patrick Patterson</b>	MUP	URPL	08-2015	Group bike rides and social capital building	Chair
<b>Huan Ye</b>	MUP	URPL	05-2015	Light rail transit infrastructure and urban travel	Chair
<b>Qiuyue Zhu</b>	MUP	URPL	05-2015	Effects of rail transit on employment in Los Angeles, CA	Chair
<b>Andrea Boero</b>	MUP	URPL	05-2015	Comprehensive transportation planning for Jonestown, Texas	Chair
<b>Joel Mendez</b>	MUP	URPL	08-2014	The Effect of Light Rail on Employment: A Case Study of Dallas, Texas	Chair
<b>Haotian Zhong</b>	MUP	URPL	05-2014	Transit oriented development and property values	Chair
<b>Jin Su</b>	MUP	URPL	08-2013	Comparing benefits and costs of light rail transit (LRT) and bus rapid transit (BRT) projects in the United States	Chair
<b>Michael Martin</b>	MUP	URPL	05-2013	Evaluating the effectiveness of transportation demand management (TDM) measures on university campuses	Chair
<b>Louis Cutaia</b>	MUP	URPL	05-2013	Assessing the effects of public transit accessibility on property values: A case study of Houston METRO Light Rail	Chair

### **Doctoral Committees – As Member**

<b>Student Name</b>	<b>Degree</b>	<b>Major</b>	<b>Graduation Date</b>	<b>Topic</b>	<b>Role</b>
<b>Cheng Zhang</b>	PHD	CVEN	Ongoing	Modeling And Evaluating Ridesharing Scenarios with Meeting Points	Member
<b>David Wozniak</b>	PHD	INEN	Ongoing	Driver Cognitive Workload Classification Using Physiological Responses	Member
<b>Zhiheng Hu</b>	PHD	URSC	Ongoing	Use of Census Microdata for Community Justice Research (pending)	Member
<b>Jose Cazares</b>	PHD	CVEN	12-2023	Development of a Framework for Safe Operation of Automated Vehicles Using Model Predictive Control with Consideration of Roadway Geometry	Member
<b>Da Hye Lee</b>	PHD	CVEN	12-2022	Mobility Allowance Shuttle Transit with Dynamic Checkpoint: A Clustering and Routing Strategy with Pricing Model	Member
<b>Tho Tran</b>	PHD	URSC	05-2022	Assessing the Housing Plan Quality and Locational Outcomes in the United States	Member
<b>Soheil Sohrabi</b>	PHD	CVEN	12-2021	Evaluating Automated Vehicles Safety Performance: Towards a Survival Analysis Approach for Assessing Automated Vehicle Safety	Member
<b>You Joung Kim</b>	PHD	URSC	08-2021	Pedestrian Activity, Outdoor Thermal Comfort and Urban Street Design: Case Studies for The Seoul-Lo 7017 in Seoul and the High Line in New York City	Member
<b>Seyedeh Maryam Mousavi</b>	PHD	CVEN	12-2020	Examining the Effects of Non-Infrastructure Variables on the Safety Performance of Mixed Environments with Different Automated Vehicles Market Penetration Rates at Signalized Intersections	Member
<b>Sinan Zhong</b>	PHD	URSC	08-2020	Intergenerational Communities: The Role of Neighborhood Environments in Older Adults' Social Interactions and Walking Behavior	Member

<b>Wenwen Cheng</b>	PHD	URSC	08-2020	Design of Thermally Comfortable and UVR-Healthy Schoolyards for Children in Low Latitude Urban Areas in North America (College Station, TX)	Member
<b>Maryam Shirinzad</b>	PHD	CVEN	05-2020	Impact of Arterial Characteristics on the Operational Performance of Traffic on Urban Arterials Near Diamond Interchanges	Member
<b>Nicolas Norboge</b>	PHD	URSC	12-2018	A Mixed-Methods Analysis of State Highway Public-Private Partnership Enabling Legislation	Member
<b>Kyeong Rok Ryu</b>	PHD	ARCH	08-2018	Quantitative Analysis on Schedule, Cost, and Contingency: Performance Implications of Innovative Contracting Strategies	Member
<b>Sungmin Lee</b>	PHD	URSC	08-2018	The Impact of the Neighborhood Environment on Falls Among Older Adults	Member
<b>Jeong Jae Yoon</b>	PHD	URSC	08-2017	Neighborhood Walkability and Safety Considerations in Neighborhood Choices	Member
<b>Tara Ramani</b>	PHD	URSC	05-2017	Validating Alternative Conceptualizations of Sustainable Transportation	Member
<b>Jae Woong Won</b>	PHD	URSC	08-2016	From Crisis to Recovery: A Study of Walkability Impacts on Foreclosure in Los Angeles, California	Member
<b>Sunghoon Lee</b>	PHD	CVEN	05-2016	Real Option Analysis to Value Managed Lanes Using Big Data	Member
<b>Roberto Cantu Garza</b>	PHD	URSC	08-2015	Impact of Relocation on Quality of Life	Member
<b>Nathanael Rosenheim</b>	PHD	URSC	08-2015	Consequences of Commuting Patterns and the Structure of Food Retail Markets for SNAP Redemption: Implications for Food Access	Member
<b>Youngre Noh</b>	PHD	URSC	05-2015	Residential Housing Markets Before and After Land Use Changes	Member
<b>Sun Mi Jin</b>	PHD	URSC	Pending	Pending	Member

### **Masters Committees – As Member**

<b>Student Name</b>	<b>Degree</b>	<b>Major</b>	<b>Graduation Date</b>	<b>Topic</b>	<b>Role</b>
<b>David Wozniak</b>	MS	INEN	05-2023	Driver Cognitive Workload Classification Using Physiological Responses	Member
<b>Zhiheng Hu</b>	MUP	URPL	08-2021	Synthesizing Population for Medical Travel Demand in Rural Areas	Member
<b>Yuzhu Wang</b>	MUP	URPL	08-2021	Study on Spatial-Temporal Distribution and Risk Assessment of Flash Flood in Three Major Cities in Texas	Member
<b>Yu Shi</b>	MLA	LAND	05-2020	A Design Framework for a Smart Town: Nolanville, Texas (in collaboration with Haoyue Yang)	Member
<b>Haoyue Yang</b>	MLA	LAND	05-2020	A Design Framework for a Smart Town: Nolanville, Texas (in collaboration with Yu Shi)	Member
<b>Xiaoyu Hu</b>	MUP	URPL	08-2019	Understanding the Travel Behavior by Gender: A Case study of Texas A&M University	Member
<b>Jitendra Jain</b>	MS	CVEN	12-2018	Evaluating Preference for Personal Vehicles Using a Latent Factor Model	Member
<b>Yaqoob Khan Mohammed</b>	MS	COMG	12-2018	Big Data Gained from Connected Vehicles: Challenges and Opportunities	Member
<b>Kai Chu</b>	MUP	URPL	05-2018	Capital Bikeshare System Demand Forecast and Rebalancing Problem	Member
<b>Zhixin Zhu</b>	MUP	URPL	05-2018	Crime Mapping for the City of College Station through GIS	Member
<b>Adithya Devdas</b>	MAR	ARCH	12-2017	Design for Transit Oriented Development	Member
<b>Jose Cazares</b>	MS	CVEN	12-2017	Analyzing the Benefit of Widespread Use of V2I Communication for Improving Incident Management at a Congested Urban Corridor	Member
<b>Xingjian Chen</b>	MUP	URPL	05-2017	Economic impact of high speed rail systems	Member
<b>Saurin Anand Kakkad</b>	MS	COMG	05-2017	Business Survival in the Construction Industry in Relation to Other Businesses: A Comparative Analysis	Member
<b>Shibiya Sulfikar Sabu</b>	MUP	URPL	05-2017	Walkable communities and autonomous vehicles	Member
<b>Adam Beck</b>	MUP	URPL	12-2016	Sustaining places: Best practices for comprehensive plans	Member

Yuxian Li	MLA	LAND	05-2016	Sifting the landscape: transforming the vacant landscape with smart decline	Member
Hilary Page	MUP	URPL	05-2016	Transit revamp and TOD opportunities in Houston, Texas	Member
Jayakrishnan Radhakrishnan Nair Sindhu	MS	COMG	05-2016	Investigating the Effect of Front-End Planning in Fast-Track Delivery Systems for Industrial Projects	Member
Thiago Coelho De Oliveira	MUP	URPL	05-2016	Comprehensive planning for rural communities	Member
Yuxuan Chen	MAR	ARCH	05-2016	Architectural design for Downtown Bryan revitalization	Member
Faisal Aldalbahi	MUP	URPL	05-2016	Sustainable Planning Guidelines for Urban Growth: Case Study in Saudi Arabia	Member
Srivastav Sridharan	MS	COMG	05-2016	A study to determine the variation of natural frequency across the floor of a building	Member
Xi Chen	MUP	URPL	12-2015	Unveiling the determinants of public transit use: case studies of three U.S. metropolitan areas	Member
Sepeedeh Rastegar-Panah	MAR	ARCH	12-2015	Design and planning for transit-oriented development (Dual Degree with MUP)	Member
Jiyuan Li	MAR	ARCH	05-2015	Architectural design for health facilities	Member
Madison Thomas	MUP	URPL	05-2015	Designing for sustainable transportation: a case study of the Energy Corridor District, Houston, Texas	Member
Laura Evans	MUP	URPL	12-2014	Neighborhood walkability and safe routes to school	Member
Justin Carlton	MS	CVEN	05-2014	Comprehensive Equity Analysis of Mileage Based User Fees: Tazation and Expenditures for Roadways and Transit	Member
Rutwik Sathe	MAR	ARCH	05-2014	Re-imagining ways by which mixed use public buildings engage with pedestrians	Member
Travis Liska	MUP	URPL	05-2014	Comparative analysis of bus rapid transit ridership factors in the United States	Member
Sun Young Park	MUP	URPL	05-2014	The Influence of Urban Landscape Spatial Patterns on Property Value: A Study Focusing on Single Family Houses in Austin, TX	Member
Todd Hansen	MUP	URPL	05-2013	Accessibility to transportation infrastructure and multi-modal commuting choices	Member
Allison Hyde	MUP	URPL	05-2013	Integration of bike share and transit: The relationship between Denver bicycle and light rail transit in Denver, Colorado	Member

## FORMER PHD STUDENTS' PLACEMENTS

### Chair

- Jane Bian, Assistant Professor (**tenure-track**), University of Cincinnati
- Jinuk Hwang, Assistant Professor (**tenure-track**), Pusan National University
- Jacki Kuzio, Associate Research Scientist and Program Manager, Texas A&M Transportation Institute
- Haotian Zhong, Assistant Professor (**tenure-track**), Renmin University of China

### Co-Chair

- Han Park, Assistant Professor (**tenure-track**), University of Maryland
- Phil Lasley, Research Scientist and Data Science and Visualization Division Head, Texas A&M Transportation Institute

## FACULTY/POSTDOC MENTORING

### Tenured Mentees

- Dr. Dongying Li, Assistant Professor, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2018 to 2023. Dr. Dongying Li was promoted to Associate Professor with Tenure in 2023.
- Dr. Tara Goddard, Assistant Professor, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2017 to 2024. Dr Tara Goddard was promoted to Associate Professor with Tenure in 2024.

### **Ongoing Tenure-Track Mentees**

- Dr. Yang Song, Assistant Professor, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2020 to present
- Dr. Youngre Noh, Assistant Professor, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2023 to present

### **Postdoctoral Researchers**

- Dr. Xi Chen, Postdoctoral Researcher, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2024 to present.
- Dr. Sinan Zhong, Postdoctoral Researcher, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2020 to 2023. Dr. Zhong is currently a tenure-track Assistant Professor at Texas A&M University
- Dr. Hanwool Lee, Postdoctoral Researcher, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2020 to present
- Dr. Minjie Xu, Postdoctoral Researcher, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2018 to 2020

## **SERVICE ACTIVITIES**

### **National / International**

Founding President, ENDEAVR Institute ([www.endeavr.city](http://www.endeavr.city)), a 501 (c)(3) public charity dedicated to empowering small, underserved communities with emerging technologies, 2020 – present

Activities: [YouTube Channel](#); [LinkedIn Page](#)

Founding Board Member, Nolanville Smart Museum (<https://www.nolanvillesmartmuseum.com/>), a 501 (c)(3) nonprofit organization committed to fostering a community of active learning and innovation involving emerging, sustainable technologies, 2024 – present

Member, Organizing Committee for the 55<sup>th</sup> 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**

Member, School of Architecture Dean Search Committee, 2023 – 2024

Graduate Certificate in Transportation Planning, Texas A&M University

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

Member, RELLIS Smart Campus Committee, Texas A&M University System, 2016 – 2017

Member, Organizing Committee for the 16<sup>th</sup> 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**

Member, Faculty Search Committee, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2024 – present

Member, Promotion and Tenure Committee, Department of Landscape Architecture and Urban Planning, Texas A&M University, 2018 – present

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

- 2016 – 2021: Coordinator
- 2012 – present: Member

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

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 – 2015

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**

Guest Editor. *Sustainability* (5-year Impact Factor: 4.0), *Special Issue: Smart Transportation, Urban Planning and Sustainability*. 2023 - present

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

- *National Science Foundation*
- *Transportation Research Board of the National Academies of Sciences, Engineering, and Medicine*

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 Research Part E*
- *Transport Policy*
- *Transportation*
- *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*
- *Journal of Open Innovation*
- *Journal of Transport Geography*
- *Sustainable Cities and Society*
- *IEEE: Transactions on Intelligent Transport Systems*
- *Technology in Society*

## INVITED TALKS

### Keynote Talks

1. "Autonomous Vehicles for Small Towns: System, Service, and Safety from Research to Practice." Safety through Disruption (SAFE-D) [Webinar](#) Series, Hosted by Virginia Tech Transportation Institute, May 2023. [[9,347 Views](#) as of April 28, 2024]
2. "How to Futureproof Small Towns with Innovation," [TED Talk](#), March 2023. [[106,864 Views](#) as of April 28, 2024]
3. "Civil Rights and Community Service," Keynote talk to Peking University Alumni Association, May 2023
4. "Two Stories about Community Service," Keynote talk to the Brazos Center for Chinese Culture and Education, May 2023
5. "Empower Texas Small Towns with Smart-City Technologies." Keynote Talk Invited by the City of Navasota and Coastal Bend Business Innovation Center for their Community as a Start Up (CASU) series, Navasota, Texas. May 2022
6. "Providing Transport for Medical Appointments and Essential Services." Keynote talk, invited by the Disabled American Veterans and American Legion, Harker Heights, Texas. November 2021
7. "ENDEAVRide: Transport and Telemedicine for All." Keynote talk at the 2021 Annual Conference of the Texas Association of State Systems for Computing and Communications, Galveston, Texas, August 2021
8. "Emerging Transportation Technologies to Serve Small Communities." Keynote talk, invited by Central Texas Council of Governments, February 2021
9. "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

### Other Invited Talks

1. "Autonomous Transit for Small, Rural Communities." Invited by the Bryan Independent School District, October 2023
2. "My Journey in Transportation Research." Invited by Dr. Kenneth Hurst for urban and regional science students, November 2022
3. "Smart and Sustainable Transportation" Invited by Dr. Chanam Lee for landscape architecture students, September 2022
4. "ENDEAVR: Empower Small Towns with Smart-City Technologies." Invited talk at the 2022 National Conference of the American Planning Association. May 2022
5. "Summary of Smart-City Initiatives in Nolanville, Texas." Invited by the City of Nolanville, Texas. April 2022
6. "Empower Texas Small Towns with Transport +Telemedicine Service." Invited talk at the Ronald Reagan Dinner, Gatesville, Texas. February 2022
7. "Texas Target Communities with Texas A&M University and Nolanville, TX" Panelist for [GovLove Podcast](#). January 25, 2022
8. "ENDEAVR: Futureproofing Small Communities." Invited by the Renmin University of China, May 2021
9. "ENDEAVRide: Transport and Telemedicine for All." Invited by the City of Copperas Cove, April 2021
10. "ENDEAVRide Telemedicine to Serve Patients with Transportation Challenges." Invited by BaylorScott&White Health, March 2021
11. "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
12. "Automated Transportation and Cities." Invited by Dr. Chanam Lee for landscape architecture students, March 2019

13. "Autonomous Vehicles: Implications for Urban Form." Invited by Dr. Andrea Roberts for College of Architecture graduate students, March 2019
14. "What Do Urban Planners Do?" Invited by Pebble Creek Elementary School for Grade 2-4 students, January 2019
15. "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
16. "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
17. "Planning for Paradigm Shifts in Sustainable Transportation" Invited by Dr. Chanam Lee for landscape architecture students, March and September 2018
18. "Exploring Innovative Research Methods to Support Investment Decisions on Urban Infrastructure." Invited by Dr. Sharon Chu for College of Architecture doctoral students, March 2018
19. "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
20. "Envisioning Future Urban Development with Autonomous Vehicles." Invited to present at the TAMU Automated and Connected Transportation Symposium, College Station, Texas, March 2017
21. "Transportation in City Planning." Guest lecture for undergraduate students, invited by Professor June Martin, Texas A&M University, March 2017
22. "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
23. "Advancing the Transportation Planning Research with Census Microdata." Guest lecture for doctoral students, invited by Dr. Yu Xiao, Texas A&M University, November 2016
24. "Introduction to Transportation Planning." Guest lecture for undergraduate students, invited by Dr. JunHyun Kim, Texas A&M University, November 2016
25. "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, June 2016
26. "Sustainable Transportation Planning." Guest lecture for undergraduate students, invited by Dr. Eric Bardehagen, Texas A&M University, April 2016
27. "Transportation in City Planning." Guest lecture for undergraduate students, invited by Professor June Martin, Texas A&M University, March 2016
28. "Transportation Planning, Policy and Design." Guest lecture for undergraduate students, invited by Dr. Jihei Lee, Texas A&M University, March 2015
29. "Transportation Planning for Urban Mobility and Beyond." Guest lecture for graduate students, invited by Dr. Ayoung Woo, Texas A&M University, November 2015
30. "Promoting Sustainability and Equity in Transportation Planning." Guest lecture for undergraduate students, invited by Dr. Junhyun Kim, Texas A&M University, November 2015
31. "Introduction to Transportation Planning and Policy." Guest lecture for graduate students, invited by Dr. Hwanyong Kim, Texas A&M University, November 2014
32. "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
33. "Economics and Planning for Sustainable Urbanism." Guest lecture for BLA undergraduate students, invited by Dr. Junhyun Kim, Texas A&M University, March, 2014
34. "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



35. "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
36. "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
37. "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
38. "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
39. "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
40. "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
41. "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
42. "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

## **MEDIA COVERAGE**

### **Bridging the Digital Divide as a Scholar and Social Entrepreneur**

- [CBS Channel 3](#) November 5, 2020
- [Texas A&M Today](#) January 20, 2021
- [NBC Channel 6](#) August 30, 2022
- [CBS Channel 10](#) March 24, 2021
- [ABC Channel 25](#) March 22, 2021
- [CBS Channel 10](#) March 17, 2021
- [ABC Channel 25](#) November 6, 2020
- [CBS Channel 10](#) February 1, 2020
- [NBC Channel 6](#) February 1, 2020

### **Civil Rights and Academic Freedom Activism as a Private Citizen**

- [NPR - Texas Matters](#) March 4, 2023
- [Houston Chronicle](#) March 2, 2023
- [KXAN](#) March 6, 2023
- [Texas Observer](#) April 20, 2023
- [Yahoo!News](#) March 2, 2023
- [LinkedIn](#) May 8, 2023

## **PROFESSIONAL AFFILIATIONS**

Transportation Research Board  
 Association of Collegiate Schools of Planning  
 SAE International