

Xiang ‘Jacob’ Yan

◇ Personal website: <https://jacobyang0.github.io/>

EDUCATION

University of Michigan, Ann Arbor, Michigan

- Ph.D. in Urban and Regional Planning (Transportation Technology & Geospatial Analytics) 2019
- Master’s in Urban Planning (Housing, Community, and Economic Development) 2015

University of Florida, Gainesville, Florida

- M.S. in Civil Engineering (Transportation Engineering) 2021

Nanjing University, Nanjing, China

- B.E. in Urban Planning (Economic Geography) 2013

EMPLOYMENT

Assistant Professor, Civil & Coastal Engineering, University of Florida 2022 -

Research Assistant Professor, Civil & Coastal Engineering, University of Florida 2021 - 2022

Postdoctoral Associate, Urban and Regional Planning, University of Florida 2019 - 2020

Graduate Student Research Assistant, Urban & Regional Planning, Univ. of Michigan 2015 - 2019

GIS Analyst, School for Environment & Sustainability, University of Michigan 2014 - 2015

Data Analyst, Department of Institutional Research, Washtenaw Community College 2014

Instructor, Nanjing New Oriental School, China 2012 - 2013

AWARDS, HONORS, AND FELLOWSHIPS

Outstanding Committee Research Coordination Leadership, *Transportation Research Board* 2025

Equity Paper Award, *Transportation Research Board Bicycle Transportation Committee (ACH20)* 2024

Outstanding Reviewer 2022, *Transportation Research Part D: Transport and Environment* 2023

Best Dissertation Award, *World Society for Transport and Land Use Research* 2021

2020 Outstanding Paper Award, *Travel Behaviour and Society* 2021

Distinguished Dissertation Award in Urban and Regional Planning, *University of Michigan* 2020

Rackham One-Term Dissertation Fellowship, *University of Michigan* 2019

AICP Student Project Award, *American Planning Association* 2018

Honorable Mention, Karen Polenske Best Student Paper Award, *Intl. Assoc. for China Planning* 2018

ICR-Rackham Summer Training Award (\$2500), *University of Michigan* 2016

Engaged Pedagogy Initiative Fellow, *University of Michigan* 2014

Meng Minwei Exchange Student Scholarship (25,000 RMB), *Shun Hing Group Foundation* 2011

PUBLICATIONS

(Note: Student co-authors are underlined.)

- [43] Wang, Z., Dai, Y., Lyu, D., Nader, M., Chen, S., Ye, W., Ding, Z., Yan, X. (forthcoming). StreetDesignAI: A Multi-Persona Evaluation System for Inclusive Infrastructure Design. In *Proceedings of the 2026 ACM Designing Interactive Systems Conference (DIS '26)*. ACM.

- [42] Salehian, M., Zorbas, V., Manjunatha, P., **Yan, X.**, Elefteriadou, L., Gladwin, K. (forthcoming). Are Autonomous Shuttles Ready to Provide Regular Transit Service? A Review and Expert Interviews. *Journal of Transportation Engineering, Part A: Systems*.
- [41] **Duarte E.**, **Lyu, D.**, **Zheng, A.**, Merlin, L., Gladwin, K., Renne, J., Hoermann, S., & **Yan, X.** (forthcoming). A Multi-Criteria Analytical Framework for Site Selection of Mobility Hubs. *Transportation Research Record*.
- [40] **Lyu, D.**, **Yan, X.** (2026). Analyzing the impact of service frequency and on-time performance on transit ridership in Miami-Dade County. *Transportation*. <https://doi.org/10.1007/s11116-026-10742-w>
- [39] Xu, X., **Yan, X.**, Fang, J., & Bejleri, I. Income disparity and pedestrian safety: exploring pedestrian safety inequity at block group level in Florida. *Transportation Planning and Technology*. <https://doi.org/10.1080/03081060.2025.2574648>
- [38] **Qian, Y.**, **Liu, L.**, & **Yan, X.** (2025). Big data, big bias? On Factors Influencing Public Transit and Shared Micromobility Integration. *Transportation Research Part D: Transport and Environment*. <https://doi.org/10.1016/j.trd.2025.104977>
- [37] Rybarczyk, G., Sklar, A., Platt, L. & **Yan, X.**. (2025). E-bicyclist experiences in motor city: A mixed computational and content analysis approach for understanding sustainable micromobility. *Case Studies on Transport Policy*. <https://doi.org/10.1016/j.cstp.2025.101581>
- [36] **Liu, L.**, **Li, X.**, **Pereira, R.**, & **Yan, X.**. (2025). Measuring Exposure to Extreme Heat in Public Transit Systems. *Journal of Transport Geography*. <https://doi.org/10.1016/j.jtrangeo.2025.104383>
- [35] **Lyu, D.**, **Liu, L.**, **Campbell, C.** **Zhang, Y.**, & **Yan, X.**. (2025). Potentials and Limitations of Large-scale Mobile Device Location Data for Food Access Analysis. *Health and Place*. <https://doi.org/10.1016/j.healthplace.2025.103526>
- [34] Xu, X., **Yan, X.**, Fang, J., Bejleri, I. (2025) Examining Bicyclist Safety Inequities Across Neighborhoods of Different Income Levels in Florida. *Journal of Cycling and Micromobility Research*. <https://doi.org/10.1016/j.jcmr.2025.100070>
- [33] Chae, K., Kim, S., & **Yan, X.** (2025). Exploring attitudinal group differences in preferences for shared e-scooter use and its integration with public transit. *Transportation Research Part A: Policy and Practice*. <https://doi.org/10.1016/j.tra.2025.104468>
- [32] **Qian, Y.**, **Polimetla, T.**, **Sanchez, T.**, & **Yan, X.** (2025). How do transportation professionals perceive the impacts of AI applications in transportation? A latent class cluster analysis. *Transportation*. <https://doi.org/10.1007/s11116-025-10588-8>
- [31] **Dai, Y.**, **Liu, L.**, **Wang, K.**, **Li, M.**, & **Yan, X.** (2025). Using Computer Vision and Street View Images to Assess Bus Stop Amenities. *Computers, Environment, and Urban Systems*, 117, 102254. <https://doi.org/10.1016/j.compenvurbsys.2025.102254>
- [30] Fang, J., **Yan, X.**, Tao, T., & Chen, C. (2024). Non-linear Effects of Built Environment Factors on Mode Choice: A Tour-Based Analysis. *Journal of Transport and Land Use*. <https://doi.org/10.5198/jtlu.2024.2403>
- [29] **Yin, Z.**, **Rybarczyk, G.**, **Zheng, A.**, **Su, L.**, **Sun, B.**, & **Yan, X.** (2024). Shared micromobility as a first- and last-mile transit solution? Spatiotemporal insights from a novel dataset. *Journal of Transport Geography*. <https://doi.org/10.1016/j.jtrangeo.2023.103778>

- [28] Sanchez, T. W., Qian, Y., & Yan, X. (2024). AI Applications in Transportation and Equity: A Survey of US Transportation Professionals. *Future Transportation*, 4(4), 1161-1176. <https://doi.org/10.3390/futuretransp4040056>
- [27] Forrister, A., Kuligowski, E., Sun, Y., Yan, X., Lovreglio, R., Cova, T., & Zhao, X. (2024). Analyzing Risk Perception, Evacuation Decision and Delay Time: A Case Study of the 2021 Marshall Fire in Colorado. *Travel Behaviour and Society*, 35, 100729. <https://doi.org/10.1016/j.tbs.2023.100729>
- [26] Su, L., Yan, X., & Zhao, X. (2024). Spatial equity of micromobility systems: A comparison of shared E-scooters and docked bikeshare in Washington DC. *Transport Policy*, 145, 25-36. <https://doi.org/10.1016/j.tranpol.2023.10.008>
- [25] Huang, E., Yin, Z., Broaddus, A., & Yan, X. (2024). Shared e-scooters as a last-mile transit solution? Travel behavior insights from Los Angeles and Washington D.C. *Travel Behavior and Society*, 34, 100663. <https://doi.org/10.1016/j.tbs.2023.100663>
- [24] Yan, X., Zhao, X., Broaddus, A., Johnson, J., & Srinivasan, S. (2023). Evaluating shared e-scooters' potential to enhance public transit and reduce driving. *Transportation Research Part D: Transport and Environment*, 117, 103640. <https://doi.org/10.1016/j.trd.2023.103640>
- [23] Yang, W., Jafarzadehfadaki, M., Yan, X., Zhao, X., Jin, X., Frolinch, D., & Sisiopiku, V. (2023). Shared E-scooters: User Characteristics and Usage Patterns across Four U.S. Cities. *Transportation Research Record: Journal of the Transportation Research Board*, 03611981231194626. <https://doi.org/10.1177/03611981231194626>
- [22] Fang, J., Yan, X., Bejleri, I., & Chen, C. (2022). Which trip destination matters? Estimating the influence of the built environment on mode choice for home-based complex tours. *Journal of Transport Geography*, 105, 103474. <https://doi.org/10.1016/j.jtrangeo.2022.103474>
- [21] Wu, A., Kuligowski, E., Lovreglio, R., Nilsson, D., Cova, T., Xu, Y., Yan, X., & Zhao, X. (2022). Wildfire evacuation decision modeling using GPS data. *International Journal of Disaster Risk Reduction*, 83, 103373. <https://doi.org/10.1016/j.ijdr.2022.103373>
- [20] Xu, Y., Zhao, X., Lovreglio, R., Kuligowski, E., Nilsson, D., Cova, T., & Yan, X. (2022). A highway vehicle routing dataset during the 2019 Kincade Fire evacuation. *Scientific Data*. <https://doi.org/10.1038/s41597-022-01731-6>
- [19] Zhao, X., Xu, Y., Lovreglio, R., Kuligowski, E., Nilsson, D., Cova, T., Wu, A., & Yan, X. (2022). Estimating wildfire evacuation decision and departure timing using large-scale GPS data. *Transportation Research Part D: Transport and Environment*, 107, 103277. <https://doi.org/10.1016/j.trd.2022.103277>
- [18] Xu, Y., Yan, X., Sisiopiku, V., Merlin, L., Xing, F., & Zhao, X. (2022). Micromobility trip origin and destination inference using General Bikeshare Feed Specification (GBFS) data. *Transportation Research Record: Journal of the Transportation Research Board*, 2676 (11), 223-238. <https://doi.org/10.1177/03611981221092005>
- [17] Yan, X., Bejleri, I., & Zhai, L. (2022). A spatiotemporal analysis of transit accessibility to low-wage jobs in Miami-Dade County. *Journal of Transport Geography*, 98, 103218. <https://doi.org/10.1016/j.jtrangeo.2021.103218>
- [16] Yan, X., Yang, W., Zhang, X., Xu, Y., Bejleri, I., & Zhao, X. (2021). A spatiotemporal analysis of e-scooters' relationships with transit and station-based bikesharing. *Transportation Research Part D: Transport and Environment*, 101, 103088, 1-12. <https://doi.org/10.1016/j.trd.2021.103088>

- [15] Wang, X., **Yan, X.**, Zhao, X., & Cao, Z. (2022). Identifying latent shared mobility preference segments in low-resourced communities: Ridehailing, fixed-route bus, and mobility-on-demand transit. *Travel Behaviour and Society*, 26, 134-163. <https://doi.org/10.1016/j.tbs.2021.09.011>
- [14] Chen, S., **Yan, X.**, Pan, H., & Deal, B. (2021). Using big data for last-mile performance evaluation: An accessibility-based approach. *Travel Behaviour and Society*, 25, 153-163. <https://doi.org/10.1016/j.tbs.2021.06.003>
- [13] Steiner, R., Bejleri, I., Bai, X., Han, M., & **Yan, X.** (2021). Partnerships between agencies and transportation network companies for transportation-disadvantaged populations: Opportunities and challenges. *Transportation Research Record: Journal of the Transportation Research Board*, 2675 (12), 1260-1271. <https://doi.org/10.1177/03611981211032629>
- [12] **Yan, X.**, Zhao, X., Han, Y., Van Hentenryck, P., & Dillahunt, T. (2021). Mobility-on-demand versus fixed-route transit systems: An evaluation of traveler preferences in low-income communities. *Transportation Research Part A: Policy and Practice*, 148, 481-495. <https://doi.org/10.1016/j.tra.2021.03.019>
- [11] **Yan, X.** (2021). Toward accessibility-based planning: Addressing the myth of travel-cost savings. *Journal of the American Planning Association*, 87 (3), 409-423. <https://doi.org/10.1080/01944363.2020.1850321>
- [10] Merlin, L., **Yan, X.**, Xu, Y., & Zhao, X. (2021). A segment-level model of shared scooter origins and destinations. *Transportation Research Part D: Transport and Environment*, 92, 102709. <https://doi.org/10.1016/j.trd.2021.102709>
- [9] Xu, Y., **Yan, X.**, Liu, X., & Zhao, X. (2021). Identifying key factors associated with ride-splitting rate and modeling their nonlinear relationships. *Transportation Research Part A: Policy and Practice*, 144, 170-188. <https://doi.org/10.1016/j.tra.2020.12.005>
- [8] Deng, L., **Yan, X.**, & Chen, J. (2021). Housing affordability, subsidized lending and cross-city variation in the performance of China's housing provident fund program. *Housing Studies*, 36(4), 455-478. <https://doi.org/10.1080/02673037.2019.1585521>
- [7] Zhao, X., **Yan, X.**, Yu, A., & Van Hentenryck, P. (2020). Prediction and behavioral analysis of travel mode choice: A comparison of logit models and machine learning. *Travel Behavior and Society*, 20, 22-35. <https://doi.org/10.1016/j.tbs.2020.02.003> (**Won the 2020 Outstanding Paper Award**)
- [6] **Yan, X.**, Liu, X., & Zhao, X. (2020). Using machine learning for direct demand modeling of ridesourcing services in Chicago. *Journal of Transport Geography*, 83, 102661. <https://doi.org/10.1016/j.jtraengeo.2020.102661>
- [5] **Yan, X.** (2020). Evaluating household residential preferences for walkability and accessibility across three U.S. regions. *Transportation Research Part D: Transport and Environment*, 80, 102255. <https://doi.org/10.1016/j.trd.2020.102255>
- [4] **Yan, X.**, Levine, J., & Marans, R. (2019). The effectiveness of parking policies to reduce parking demand pressure and car use. *Transport Policy*, 73, 41-50. <https://doi.org/10.1016/j.tranpol.2018.10.009>
- [3] **Yan, X.**, Levine, J., & Zhao, X. (2019). Integrating ridesourcing services with public transit: An evaluation of traveler responses combining revealed and stated preference data. *Transportation Research Part C: Emerging Technologies*, 105, 683-696. <https://doi.org/10.1016/j.trc.2018.07.029>
- [2] Goodspeed, R., **Yan, X.**, Hardy, J., Vydiswaran, V.G.V., Berrocal, V.J., Clarke, P., R., Gomez-Lopez, I.N., Romero, D., & Veinot, T.C. (2018). Comparing the data quality of GPS devices and smartphones

for assessing relationships between place, mobility, and health: A field study. *Journal of Medical Internet Research mHealth and uHealth*, 6 (8), e168, 1-14. <https://doi.org/10.2196/mhealth.9771>

[1] Hardy, J., Veinot, T. C., **Yan, X.**, Berrocal, V. J., Clarke, P., Goodspeed, R., Gomez-Lopez, I.N., Romero, D., & Vydiswaran, V. G. V. (2018). User acceptance of location-tracking technologies in health research: implications for study design and data quality. *Journal of Biomedical Informatics*, 79, 7-19. <https://doi.org/10.1016/j.jbi.2018.01.003>

Peer-reviewed Book Chapters

[1] Goodspeed, R., **Yan, X.** (2017). Crowdsourcing street beauty: Visual preference surveys in the big data era. in Schintler, L.A. and Chen, Z. (Eds.), *Big Data for Regional Science (Routledge Advances in Regional Economics, Science and Policy)* (pp.75-93). London and New York: Routledge.

Peer-reviewed Conference Proceedings

[36] Qian, Y., Yin, Z., Scott, D., **Yan, X.** (2026). Modeling E-Bike Route Choice with Street-Level Imagery and Infrastructure Attributes: A Path Size Logit Analysis in Washington, DC. *The Transportation Research Board 2026 Annual Meeting*.

[35] Lyu, D., **Yan, X.**, Patni, S. (2026). Modeling Bus Ridership at Stops Level in the Post-COVID Era Using a Multi-Level Framework. *The Transportation Research Board 2026 Annual Meeting*.

[34] Lyu, D., Yin, Z., Scott, D., Zhai, L., **Yan, X.** (2026). What E-Bikes Bring to Bikeshare: Evidence from a Longitudinal Analysis of Bikeshare Systems in San Francisco and Washington, DC. *The Transportation Research Board 2026 Annual Meeting*.

[33] Wang, A., **Yan, X.** (2026). Spherical Positional Encoding and Real-World Contextual Features for Transformer-Based GPS Trajectory Classification. *The Transportation Research Board 2026 Annual Meeting*.

[32] Qian, Y., Lyu, D., Zhang, W., **Yan, X.** (2025). Understanding E-Scooter Route Choice Behavior in Washington DC: A Path Size Logit Model. *The Transportation Research Board 2025 Annual Meeting*.

[31] Duarte, E., Lyu, D., Zheng, A., Merlin, L., Renne, J., Hoermann, S. **Yan, X.** (2025). Developing and Validating a Multi-Criteria Approach for Locating Multimodal Mobility Hubs. *The Transportation Research Board 2025 Annual Meeting*.

[30] Lyu, D., **Yan, X.** (2025). The Impact of Transit Service Frequency and On-time Performance on Ridership: An Analysis of the Pre-Covid and Recovery Periods in Miami-Dade County. *The Transportation Research Board 2025 Annual Meeting*.

[29] Lyu, D., Liu, L., Campbell, C., Zhang, Y., **Yan, X.** (2025). Potentials and Limitations of Large-Scale Mobile Device Location Data for Food Access Analysis. *The Transportation Research Board 2025 Annual Meeting*.

[28] Dai, Y., Liu, L., Wang, K., Li, M., **Yan, X.** (2025). Using Deep Learning and Google Street View Images to Assess Bus Stop Amenities. *The Transportation Research Board 2025 Annual Meeting*.

[27] Salehian, M., Zorbas, V., Manjunatha, P., **Yan, X.**, Elefteriadou, L., Gladwin, K. (2025). Are Autonomous Shuttles Ready to Provide Regular Transit Service? *The Transportation Research Board 2025 Annual Meeting*.

- [26] Liu, L., Li, X., **Yan, X.**, Pereira, R.H.M. (2025). Measuring Exposure to Extreme Heat in Public Transit Systems. *The Transportation Research Board 2025 Annual Meeting*.
- [25] Chae, K.S., Kim, S.H., **Yan, X.** (2025). Exploring Attitudinal Group Differences in Preferences for Shared E-scooter Use and Its Integration with Public Transit. *The Transportation Research Board 2025 Annual Meeting*.
- [24] Xu, X., **Yan, X.**, Fang, J., Bejleri, I. (2024). Examining Bicyclist Safety Inequity Across Neighborhoods in Florida. *The Transportation Research Board 2024 Annual Meeting*.
- [23] Yin, Z., Rybarczyk, G., Zheng, A., Su, L., Sun, B., **Yan, X.** (2024). Shared micromobility as a first- and last-mile transit solution? Insights from a novel dataset. *The Transportation Research Board 2024 Annual Meeting*.
- [22] Duarte, E., Zheng, A., Merlin, L., Renne, J., **Yan, X.** (2024). Planning for multimodal mobility hubs in the new mobility era: state of practice, research trends, and knowledge gaps. *The Transportation Research Board 2024 Annual Meeting*.
- [21] Zhang, X., Zhao, X., **Yan, X.** (2024). Are mobile device location data biased for human mobility analysis? *The Transportation Research Board 2024 Annual Meeting*.
- [20] Qian, Y., Polimetla, T., Sanchez, T., **Yan, X.** (2024). How do transportation professionals perceive the impacts of AI applications in transportation? A latent class cluster analysis. *The Transportation Research Board 2024 Annual Meeting*.
- [19] Zheng, A., **Yan, X.** (2023). The location problem of EV charging stations: research trends, critical gaps, and a future agenda. *The Transportation Research Board 2023 Annual Meeting*.
- [18] Huang, E., Yin, Z., Broaddus, A., **Yan, X.** (2023). Transit and shared e-scooter integration: Travel behavior insights from Los Angeles and Washington D.C.. *The Transportation Research Board 2023 Annual Meeting*.
- [17] Su, L., Zhang, X., **Yan, X.**, Zhao, X. (2023). Exploring nonlinear relationships and preference heterogeneity in mode-switching behavior under a mobility-on-demand transit system. *The Transportation Research Board 2023 Annual Meeting*.
- [16] Yang, W., Jafarzadehfadaki, M., **Yan, X.**, Zhao, X., Jin, X., Frolinch, D., Sisiopiku, V. (2023). Shared E-scooters: User Characteristics and Usage Patterns across Four U.S. Cities. *The Transportation Research Board 2023 Annual Meeting*.
- [15] Su, L., **Yan, X.**, Zhao, X. (2022). Micromobility equity: A comparison of shared e-scooters and station-based bikeshare in Washington DC. *The Transportation Research Board 2022 Annual Meeting*.
- [14] Zhao, X., Xu, Y., Lovreglio, R., Kuligowski, E., Nilsson, D., Cova, T., Wu, A., **Yan, X.** (2022). Estimating Wildfire Evacuation Decision and Departure Timing Using Massive GPS Data. *The Transportation Research Board 2022 Annual Meeting*.
- [13] **Yan, X.**, Zhao, X., Broaddus, A., Johnson, J., Srinivasan, S. (2022). Exploring the potential of shared e-scooters as a last-mile complement to public transit. *The Transportation Research Board 2022 Annual Meeting*.
- [12] **Yan, X.**, Bejleri, I., Zhai, L. (2022). A spatiotemporal analysis of transit accessibility to low-wage jobs in Miami-Dade County. *The Transportation Research Board 2022 Annual Meeting*.

- [11] **Yan, X.**, Yang, W., Zhao, X. (2022). Do e-scooters complement or compete with public transit and station-based bikesharing? A case study of Washington DC. *The Transportation Research Board 2022 Annual Meeting*.
- [10] Zhang, X., Zhou, Z., **Yan, X.**, Zhao, X. (2022). Examining Spatial Heterogeneity in the Determinants of Ridesourcing Trips with Explainable Machine Learning. *The Transportation Research Board 2022 Annual Meeting*.
- [9] Fang, J., **Yan, X.**, Bejleri, I. (2022). Which Trip Destination Matters? Estimating the Influence of Land Use on Mode Choice for Home-Based Complex Tours. *The Transportation Research Board 2022 Annual Meeting*.
- [8] Wang, X., **Yan, X.**, Zhao, X., & Cao, Z. (2021). Identifying latent shared mobility preference segments in low-resourced communities: Ride-hailing, fixed-route bus, and mobility-on-demand transit. *The Transportation Research Board 2021 Annual Meeting*.
- [7] Steiner, R., Bejleri, I., Bai, X., Han, M., **Yan, X.** (2021). Partnerships between Agencies and Transportation Network Companies for Transportation-Disadvantaged Populations: Benefits, Problems, and Challenges. *The Transportation Research Board 2021 Annual Meeting*.
- [6] Zhao, X., Wang, X., **Yan, X.**, & Cao, Z. (2021). Assessing preference heterogeneity for Mobility-on-Demand transit service in low-income communities: A latent segmentation based decision tree method. *The Transportation Research Board 2021 Annual Meeting*.
- [5] Xu, Y., **Yan, X.**, Sisiopiku, V. P., Merlin, L. A., Xing, F., & Zhao, X. (2021). Micromobility trip origin and destination inference using General Bikeshare Feed Specification (GBFS) data. *The Transportation Research Board 2021 Annual Meeting*.
- [4] Zhao, X., Zhou, Z., **Yan, X.**, & Van Hentenryck, P. (2020). Distilling black-box travel mode choice model for behavioral interpretation. *The Transportation Research Board 2020 Annual Meeting*.
- [3] Zhao, X., Liu, X., & **Yan, X.** (2020). Modeling demand for ridesourcing services in the City of Chicago: A direct demand machine learning approach. *The Transportation Research Board 2020 Annual Meeting*.
- [2] Xu, X., **Yan, X.**, and Dillahunt, T. (2019). Reaching hard-to-reach populations: an analysis of survey recruitment methods. *In Conference Companion Publication of the 2019 Conference on Computer Supported Cooperative Work and Social Computing* (pp. 428-432). <https://doi.org/10.1145/3311957.3359447>
- [1] **Yan, X.**, Levine, J., Marans, R. (2019). The effectiveness of parking policies to reduce parking demand pressure and car use. *Proceedings of Transportation Research Board 98th Annual Meeting*.

Reports and Other Publications

- [11] **Yan, X.**, Lyu, D., Merlin, L., Duarte, E., Renne, J., Hoermann, S. Leveraging Mobility Data Analytics to Inform Mobility Hub Development in Florida. *Florida Department of Transportation*, Report No. BED31 TWO 977-14.
- [10] **Yan, X.**, Garces, S., Huang, S., Sowell, K., Campbell, C., Jiang, S., Duarte, E., Zhao, X. (2024). Transportation as a Social Determinant of Health During Hurricane Idalia. *Natural Hazards Center Quick Response Grant Report Series*, 349. Boulder, CO: Natural Hazards Center, University of Colorado Boulder.
- [9] **Yan, X.**, Hunter, M., Polimetla, T., Robinson, K., Patel, A., Kuang, D., Zhao, X., Sanchez, T. (2023). Promoting equitable AI applications in transportation (No. STRIDE Project P6). <https://stride.ce.uf1.edu/wp-content/uploads/sites/153/2024/01/STRIDE-Final-Report-P6-Yan.pdf>

- [8] Zhao, X., **Yan, X.**, Sisiopiku, V., Kaza, N., Kittner, N., McDonald, N., Jin, ... & Shroyer, N. (2023). Mobility-on-Demand Transit for Smart and Sustainable Cities (No. STRIDE Project D4). <https://rosap.ntl.bts.gov/view/dot/72843>
- [7] Forrister, A., **Yan, X.**, Yin, Z., Zhao, X., Cova, T., Lovreglio, R., Nilsson, D., & Kuligowski, E. (2022). Survey of Evacuation Behavior in the 2021 Marshall Fire, Colorado. *Natural Hazards Center Quick Response Grant Report Series*, 349. Boulder, CO: Natural Hazards Center, University of Colorado Boulder. <https://hazards.colorado.edu/quick-response-report/survey-of-evacuation-behavior-in-the-2021-marshall-fire-colorado>
- [6] Zhao, X., Sisiopiku, V., Steiner, R., Xu, Y., Liu, Y., **Yan, D.**, ... & Suarez, J. (2022). Micromobility as a Solution to Reduce Urban Traffic Congestion (No. STRIDE Project B3). https://rosap.ntl.bts.gov/view/dot/63270/dot_63270_DS1.pdf
- [5] Bejleri I., Zhang, Y., Zhai, L., and **Yan, X.** (2020). Timely, dynamic, and spatially accurate roadway incident information to support real-Time management of traffic operations. *Florida Department of Transportation*, Report No. BDV31-977-111.
- [4] Dillahunt, T., **Yan, X.** (2019). Mobility-on-demand versus fixed-route transit systems: An evaluation of traveler preferences in low-income communities. Poverty Solutions, University of Michigan. Policy Brief, March 2019.
- [3] **Yan, X.** (2014). The mortgage interest deduction: The debate and possible reforms. *Agora: The Urban Planning and Design Journal of the University of Michigan*, 8, 84-93.
- [2] Yu T., **Yan, X.** (2011). Creating a dynamic urban planning assessment system: to solve the problem of authoritarian plans. *Modern Urban Research* (In Chinese), 12, 22-27.
- [1] **Yan, X.**, Yu, T., Wang, X. (2011). Headquarters economy in the context of globalization: A review. *Modern Urban Research* (In Chinese), 9, 91-96.

RESEARCH FUNDING

- Collaborative Research SAI: Safe bicycle infrastructure: Preparing for an e-bike future*
- Funding source: National Science Foundation 2024-2027
 - Amount: \$610,000
 - My role: PI
- Assessing and Mitigating Spatial Bias of Large-Scale Mobile Location Data for Human Mobility Analysis*
- Funding source: National Science Foundation 2024-2027
 - Amount: \$399,572
 - My role and share of funding: co-PI (\$180,000)
- Central Florida Passenger Rail Preliminary Evaluation*
- Funder: Florida Department of Transportation 2024 - 2025
 - Amount: \$189,989
 - My role: PI
- Strategies to Improve Application of Research Results in the Research Life Cycle*
- Funder: The National Cooperative Highway Research Program (NCHRP) 2024 - 2025
 - Amount: \$400,000
 - My role and share of funding: UF Co-PI (\$30,000)

- A synthesis study of electric vehicles' costs, economic impacts, and infrastructure implications*
 · Funder: Florida Department of Transportation 2024
 · Amount: \$272,711
 · My role and share of funding: Co-PI (\$20,000)
- Transportation as a Social Determinant of Health During Hurricane Idalia*
 · Funder: Natural Hazards Center 2023 - 2024
 · Amount: \$36,500
 · My role: PI
- Center for Equitable Transit-Oriented Communities, Tier-1 University Transportation Center*
 · Funder: U.S. Department of Transportation 2023 - 2025
 · My role and share of funding: UF Co-PI (\$350,000)
- Scan and Review of Autonomous Shuttle Operations and Other Personal Transport*
 · Funder: Florida Department of Transportation 2023 - 2024
 · Amount: \$171,600
 · My role and share of funding: Co-PI (\$20,000)
- Leveraging Mobility Data Analytics to Inform Mobility Hub Development in Florida*
 · Funder: Florida Department of Transportation 2023 - 2024
 · Amount: \$250,000
 · My role: PI
- Federal Transit Administration (FTA) Research to Practice Initiative Grant*
 · Funding source: Federal Transit Administration 2022 - 2024
 · Amount: \$545,000
 · My role and share of funding: UF PI (\$65,000)
- Survey of Evacuation Behavior in the 2021 Boulder County, CO Grass Fires*
 · Funding source: Natural Hazards Center 2022
 · Amount: \$5,000
 · My role: PI
- Promoting Equitable AI in Transportation*
 · Funder: USDOT Region 4 STRIDE UTC center 2022 - 2023
 · Amount: \$130,000
 · My role: PI
- Investigating Shared E-scooters as a First/Last Mile Connection to Transit*
 · Funder: Ford Motor Company 2021 - 2022
 · Amount: \$35,000
 · My role and share of funding: Co-PI (~80%)
- Mobility-on-Demand Transit for Smart and Sustainable cities*
 · Funder: USDOT Region 4 STRIDE UTC center 2020 - 2021
 · Amount: \$413,430
 · My role and share of funding: Co-PI (~18%)
- Mobilizing Accessibility in Detroit and Ypsilanti*
 · Funder: Poverty Solutions University of Michigan 2018 - 2019
 · Amount: \$50,000
 · My role and share of funding: Lead researcher (~50%)

SELECTED CONFERENCE PRESENTATIONS

“Big Data, Uneven Geographies: Understanding Spatial Bias in Mobile Location Data Using Mixed Methods.” *2026 American Association of Geographers (AAG) Annual Meeting*, San Francisco, March 20, 2026.

“Leveraging Generative AI for Rapid and Interactive Street Design Visualization.” *2026 Safe Roads Summit*, Fort Lauderdale, February 25-26, 2026

“Modeling Bus Ridership at Stops Level in the Post-COVID Era Using a Multi-Level Framework,” Lectern talk, *The 2026 Transportation Research Board (TRB) Annual Meeting*, Washington DC, January 11-15, 2026

“From Image Generation to Infrastructure Design: a Multi-agent Pipeline for Street Design Generation.” *NeuRIPS 2025 Urban AI workshop*, San Diego, December 7, 2025.

“Using Computer Vision and Street View Images to Assess Bus Stop Amenities.” *2025 Research-to-Practice Transit Symposium*, October 30, 2025

“Shared micromobility as a last-mile transit solution? Spatiotemporal insights from a novel dataset.” *The Inaugural U.S. Department of Transportation Future of Transportation Summit*, Washington DC, August 13-15, 2024.

“Measuring Extreme Heat Exposure in Public Transit Systems in Florida, US.” *The 2024 Gulf of Mexico Conference*, Tampa, FL, February 19-22, 2024.

“An analytical framework for bus fleet electrification and e-bus charging station planning: A case study of Gainesville Regional Transit System.” *Annual Conference of the American Association of Geographers (AAG)*, Denver, CO, March 23-27, 2023.

“E-scooters as a last-mile feeder mode to public transit: how, where, and when.” *The 16th International Association for China Planning (IACP) Annual Conference*, virtually from Wuhan, China, June 23-27, 2022.

“Micromobility equity: A comparison of shared e-scooters and station-based bikeshare in Washington DC.” *7th UTC Conference for the Southeastern Region*, Boca Raton, Florida, March 24-25, 2022.

“Exploring the potential of shared e-scooters as a last-mile complement to public transit.” *7th UTC Conference for the Southeastern Region*, Boca Raton, Florida, March 24-25, 2022.

“Do e-scooters fill mobility gaps and promote equity? A spatiotemporal analysis using open big data.” *Association of Collegiate Schools of Planning (ACSP) Annual Conference*, October 7-8 & 21-23, 2021.

“Do e-scooters fill mobility gaps and promote equity before and during COVID-19? A spatiotemporal analysis using open big data.” *The 15th International Association for China Planning (IACP) Annual Conference*, virtually from Nanjing, China, September 11-12, 2021.

“Do e-scooters fill mobility gaps before and during COVID-19? A spatiotemporal analysis using open big data.” *2021 World Symposium on Transport and Land Use Research (WSTLUR)*, virtually from Portland, Oregon, August 9-11, 2021.

“Evaluating household residential preferences for walkability and accessibility across three U.S. regions.” *The 14th International Association for China Planning (IACP) Annual Conference*, virtually from Shenzhen, China, December 5-13, 2020.

“Using machine learning for direct demand modeling of ridesourcing services in Chicago.” Lectern talk, *The Transportation Research Board (TRB) 99th Annual Meeting*, Washington DC, January 12-16, 2020

“Mobility-on-demand versus fixed-route transit systems: An evaluation of traveler preferences in low-income communities.” *Association of Collegiate Schools of Planning (ACSP) Annual Conference*, Greenville, SC, October 24-27, 2019.

“The value of accessibility in residential location choice.” *The 13th International Association for China Planning (IACP) Annual Conference*, Chengdu, China, June 14-15, 2019.

“The effectiveness of parking policies to reduce parking demand pressure and car use.” Lectern talk, *The Transportation Research Board (TRB) 98th Annual Meeting*, Washington DC, January 13-17, 2019.

“The value of accessibility in residential location choice.” *Association of Collegiate Schools of Planning (ACSP) Annual Conference*, Buffalo, NY, October 24-28, 2018.

“Integrating ridesourcing services with public transit: An evaluation of traveler responses combining revealed and stated preference data.” *The 12th International Association for China Planning (IACP) Annual Conference*, Xi’an, China, June 29-30, 2018.

“Efficiency and equity issues in the use of Chinese Housing Provident Fund: Evidence from seven major cities.” *Association of Collegiate Schools of Planning (ACSP) Annual Conference*, Denver, CO, October 11-15, 2017.

“Rethinking agglomeration economies, accessibility, and productivity: the importance of urban form.” *Annual Conference of the American Association of Geographers (AAG)*, Boston, MA, April 5-9, 2017.

INVITED TALKS, ROUNDTABLES, AND WORKSHOPS

Invited Talks

“Small devices, big dreams: how AI and big data can help shared micromobility transform urban mobility,” *Young Professionals in Transportation - Washington DC (YPT-DC)*, Washington DC, January 21, 2026

“Navigating the Future: AI in Transit,” *2025 FPTA/FDOT/CUTR Professional Development Workshop & Transit Safety and Operations Summit*, Tampa, Florida, June 9-11, 2025

“AI and Data Science Applications for Public Transportation Systems,” *Next-Gen Transportation: Resilience, Sustainability, & Emerging Technology in Transportation*, Women’s Transportation Seminar UF Chapter, November 1, 2024

“Integrating Big and Small Data to Understand Transit and Micromobility Interactions and Promote Their Integration”, *Next-Gen Transportation Seminar Series*, Department of Civil, University of Michigan, January 18, 2024

“Leveraging Data Science and AI for Smart and Equitable Public Transportation Systems”, *Federal Transit Administration*, January 11, 2024

“Strategies for Promoting Shared Micromobility to Complement Public Transit”, *Zube Lecture series*, Department of Landscape Architecture and Regional Planning, University of Massachusetts, Amherst, September 28, 2023

“Equity in New Mobility Services: The Cases of Mobility-on-demand Transit and Shared Micromobility”, *The 25th Chinese Overseas Transportation Association Winter Symposium*, January 8, 2023.

“Toward Accessibility-based Planning”, *Occasional Transport Research Talks* hosted by Nick Klein (Cornell Univ.) & Kelcie Ralph (Rutgers Univ.), April 15, 2022.

“Leveraging Spatial Big Data and AI for Sustainable and Equitable Transportation.” *Department of Civil & Coastal Engineering, University of Florida*, March 15, 2022.

“Leveraging Spatial Data Science for Smart and Equitable Public Transportation.” *Department of Geography & Geoinformation Science, George Mason University*, February 11, 2022.

“Urban Planning in the Digital Era: Leveraging Data Science for Smart and Equitable Transportation.” *Department of Geography, Planning & Sustainability, Rowan University*, February 8, 2022.

“Urban Planning in the Digital Era: Leveraging Data Science for Smart and Equitable Transportation.” *Department of Community & Regional Planning, University of Nebraska-Lincoln*, February 3, 2022.

“Urban Planning in the Digital Era: Leveraging AI and Data Science for Smart and Equitable Transportation.” *College of Design, Construction and Planning, University of Florida*, January 31, 2022.

“Machine Learning in Travel Behavior Research.” *Transportation Research Board Standing Committee AMS50 Webinar Series*, November 12, 2021.

“Do e-scooters fill mobility gaps and promote equity before and during COVID-19? A spatiotemporal analysis using open big data.” *UF Biocomplexity Engineering Group Seminars*, October 19, 2021.

“Exploring the potential for public transit and share micromobility integration.” *Ford Motor Company Robotics and Mobility Research EMM/SAR Meeting Series*, September 30, 2021.

“The effectiveness of parking policies to reduce parking demand pressure and car use.” *511NY Rideshare Car Free Day Webinar*, September 14, 2021.

“Using big data and machine learning for transportation research.” *University of Florida Student Chapter for the Institute of Transportation Engineers*, March 4, 2021.

“The promises and pitfalls of machine learning and big data: Reflectively leveraging data science for transportation planning.” *Department of City and Regional Planning, University of North Carolina, Chapel Hill*, November 30, 2020.

“Ridesourcing as a solution to the last-mile travel problem: Evidence from stated preference data.” *Next Generation Transportation Systems Seminar*. University of Michigan, Ann Arbor, January 17, 2018.

Panels, Roundtables, and Workshops

“GISER Symposium: Ethics in GIScience” (Moderated by Hongyu Zhang, other panelists include Zhangyu Wang, Zhiyong Zhou, Junghwan Kim). *2026 American Association of Geographers (AAG) Annual Meeting*, March 19, 2026.

“Measuring Transit Performance in an Evolving Landscape: Trends, Technologies, and Troubles” (Moderated By Thomas Craig, other panelists include Gregory Newmark, Deanna Belden, and Joseph Reid), *Transportation Research Board 2026 Annual Meeting*, January 13, 2026

“Transit Agency-University Partnerships” (Moderated by Brendon Hemily, other panelists include John Levin and Keith Sirisack). *The 2024 Research-to-Practice Transit Symposium*, October 24, 2024.

“Applying AI Methods to Mobility” (Moderated by Renee Autumn Ray, other panelists include Nicole Dupuis, Robert Sheehan, Philip Pugliese). Workshop on *Accelerating Mobility Innovation: Overcoming Challenges and Re-envisioning Opportunities*. Transportation Research Board 2024 Annual Meeting, January 7, 2024.

“Exploring Micromobility: Research on Safety, Equity, Transit Integration, and Testbeds,” pre-organized RiM session (Moderated by Wenwen Zhang, other panelists include Hannah Younes, Ralph Buehler, Janille Smith-Colin, and Greg Griffin). *Association of Collegiate Schools of Planning (ACSP) 2023 Chicago Annual Conference*, October 19-21, 2023.

“Micromobility” Panel Session (Moderated by Nikhil Kaza, other panelists include Mike Fortier, Barbara Godwin, and Will Sowers). *UNC Clean Tech Summit 2022*, Chapel Hill, North Carolina, March 30, 2022.

“Exploring nonlinear relationships with machine learning.” Roundtable (Moderated by Jason Cao, other panelists include Tao Tao and Sadegh Sabouri). *Association of Collegiate Schools of Planning (ACSP) Annual Conference*, October 7-8 & 21-23, 2021.

“Exploring nonlinear relationships with machine learning.” Roundtable (Moderated by Jason Cao, other panelists include Tao Tao, Kailai Wang, and Wenjia Zhang). *The 15th International Association for China Planning (IACP) Annual Conference*, virtually from Nanjing, China, September 11-12, 2021.

“Extracting travel behavioral insights from black-box machine-learning models.” (jointly presented with Xilei Zhao) *Workshop on Machine Learning Methods to Calibrate Integrated Land Use and Transport Models*. Georgia Institute of Technology, Atlanta. June 13-14, 2019.

TEACHING

Instructor

- CGN 4905/6905 Sustainable Transportation and Public Transit*, UF
· Enrollment: 15; Evaluations: 4.74/5 Fall 2023
- CGN 4905/6905 Applied Data Science in Civil & Environmental Engineering*, UF
· Enrollment: 18; Evaluations: 4.88/5 Fall 2024
· Enrollment: 4; Evaluations: 4.90/5 Fall 2023
· Enrollment: 5; Evaluations: 4.75/5 Fall 2022
· Enrollment: 12; Evaluations: 4.68/5 Fall 2021

Guest Lecturer

- CRP395 Smart City Practicum Planning Studio*, University of Texas, Austin September 19, 2023
· Presentation title: *Planning Smart Micromobility Systems Using Open Big Data*
- TTE6315 Highway Safety Analysis*, University of Florida Nov 19, 2020
· Presentation title: *Spatial big data applications in travel safety research and practice*
- CGN6905 Transportation Data Analytics*, University of Florida Oct 20, 2020
· Presentation title: *Spatial data analysis and mapping with R*
- Colloquium*, University of Florida Sep 30, 2019
· Presentation title: *Designing and conducting a dissertation research project*

Other Teaching Experience

- Graduate Student Instructor** for *Introduction to Statistics for Urban Planning*, UMich Fall 2014
· Teaching Evaluations: 4.73/5
- Teacher** for *AP Statistics, GRE/GMAT Analytical Writing*, New Oriental School, China 2012 - 2013
· Average rating: 4.7/5.0

- LSA Community-Engaged Academic Learning, University of Michigan

STUDENTS MENTORED AND SUPERVISED

Doctoral Student Advisees

- Duanya Lyu (PhD student in Civil Engineering, Fall 2023 -)
- Yiheng Qian (PhD student in Civil Engineering, Fall 2023 -)
- Suhail Asghar (PhD student in Civil Engineering, Fall 2025 -)

Doctoral Committees

- Abiral Aashish (Transportation Engineering, Spring 2026)
- Goshtasb Shahriari Mehr (Construction Management, Fall 2025)

Master's Student Advisees

- Faizur Rahman Himel (MS student in Civil Engineering, Fall 2025')
- Chiranjeevi Srinivasa (Civil Engineering, Spring 2026')
- Jiawei You (Civil Engineering, Spring 2026')
- Varshini Kateelu (Civil Engineering, Spring 2025')
- Scott Fosser (Civil Engineering, Fall 2023')
- Anran Zheng (Civil Engineering, Summer 2023')

Master's Thesis Committee Chair/co-chair

- Christopher Wolf (Urban and Regional Planning)

Master's Thesis Committee

- Daeyun Gi (Mechanical and Aerospace Engineering, Summer 2023')

Undergraduate Honors Thesis Supervisor

- Tejaswi Polimetla (Geography, Fall 2024)

Independent/Directed Study Students

- Tarun Reddy Nimmala (M.S. in Computer Science, Spring 2025')
- Nikilesh Indurthi (M.S. in Computer Science, Spring 2025')
- Yilong Dai (M.S. in Computer Science, Fall 2024')
- Shoujing Ke (Undergrad in Computer Science, Fall 2022')
- Harrison Stark (Undergrad in Computer Science, Spring 2023')

Student Research Assistants (RAs)

Current RAs:

- Rithika Matthew (MS in Computer Science)
- Mateo Nader (Undergrad in Civil Engineering)
- Kexin Zhou (Undergrad in Computer Science)

Former RAs:

- Alvin Wong (Undergrad in Computer Science & Statistics)
- Andrew Saladin Chuang (Undergrad in Computer Science)
- Ksenia Velichko (Undergrad in Computer Science)
- Eliana Duarte (Undergrad in Civil Engineering, selected for the McNair Scholars Program)
- Aubrey Dolbeck (Undergrad in Geography)
- Yilong Dai (Master's student in Computer Science)

- Kaiyue Wang (Master's student in Computer Science)
- Shoujing Ke (Undergrad in Computer Science)
- Tejaswi Polimetla (Undergrad in Economics&Geography)
- Yuxuan Zhang (Master's student in Computer Science)
- Ruoyang Xiong (Master's student in Computer Science)
- Amay Patel (Undergrad in Computer Science)
- Lin Su (M.S. in Civil Eng, admitted to UT Austin Transportation Engineering PhD program)
- Erik Huang (Undergrad in Civil Eng, admitted to Northwestern Transportation Eng PhD program)
- Qi Zheng (Undergrad in Biology)
- Jack Rummler (Undergrad in Sustainability Studies)

FACULTY SERVICE

Graduate Student Admissions

- In charge of the Transportation Engineering graduate student admissions, UF 2023 - 2024

Faculty Search Committee

- Assoc./Full Professor and UF Transportation Institute Director, ESSIE, College of Engineering, UF 2025 - 2026
- Asst./Assoc. Professor and I-STREET Manager, ESSIE, College of Engineering, UF 2025 - 2026
- UF Transportation Institute Director, ESSIE, College of Engineering, UF 2024 - 2025
- UF Transportation Institute Director, College of Engineering, UF 2024 - 2025
- AI endowed professorship, Computer & Information Science & Engineering, UF 2022
- Opportunity hire in AI, Computer & Information Science & Engineering, UF 2022

Steering Committees

- Internal Steering Committee (Transit Lead), UF Transportation Institute, UF 2022 -

PROFESSION SERVICES & AFFILIATIONS

Transportation Research Board (TRB) Committee Services

- AP017 Standing Committee on Transit Data and Emerging Technologies: Committee Member 2025 -
- AP020 Innovative Public Transportation Services & Technologies: Committee Member & Research Coordinator 2022 - 2025
- AED30 Information Systems & Technology: Committee Member 2022 - 2025

Editorial Board Member, *Transportation Research Part D: Transport and Environment* 2023 -

Young Editorial Board Member, *Urban Rail Transit* 2023 - 2025

Board of Directors Member, *International Association for China Planning* 2019 - 2023

Professional Membership

Member of Transportation Research Board (TRB)
 Member of Florida Public Transportation Association
 Member of American Association of Geographers
 Member of Association of Collegiate School of Planning

Panel Member/Proposal Reviewer

- *Panel member* for NSF CPS Foundations & Connected Communities (CPS) Program 2026

- *Proposal reviewer* for Natural Sciences and Engineering Research Council of Canada 2025
- *Panel member* for NSF Civil Innovation Challenge (CIVIC) Program 2024-2025
- *Panel member* for National Cooperative Highway Research Program (NCHRP) Project 07-34: Toward AI-Enabled Decision Support Systems for TSMO Applications 2022-present
- *Proposal reviewer* for Mineta Transportation Institute 2023 - present
- *Panel member* for Transit Cooperative Research Program (TCRP) Project H-59: Racial Equity, Black America and Public Transportation 2021 - 2023
- *Panel member* for NSF CMMI/CIS Program 2023
- *Ad hoc reviewer* for NSF Economics Program 2021
- *Proposal reviewer* for USDOT Tier-1 University Transportation Center CTEDD 2019
- *Proposal reviewer* for USDOT Tier-1 University Transportation Center REAT 2019

Conference/Symposium/Workshop Organizing Committee Member

- *Annual Research-to-Practice Transit Symposium*, Caltrans/UFTI/APTA/MTI/UC Davis 2020-present
- *XPOTENTIAL 2022*, Association for Unmanned Vehicle Systems International (AUVSI) 2022
- TRB 101st Annual Conference Young Members Coordinating Council “Early Academic Successful Careers: Resources and Advice” Workshop 2022

Area Editor, CICTP 2023, *Chinese Overseas Transportation Association (COTA)* 2023

Manuscript/Report Reviewer

Transportation Research Part A: Policy and Practice, Transportation Research Part D: Transport and Environment, Journal of the American Planning Association, Journal of Transport Geography, Transportation, Transport Policy, Travel Behavior and Society, Transportmetrica A: Transport Science, Journal of Land Use and Transport, Scientific Reports, Housing Studies, Environment and Planning B: Urban Analytics and City Science, Geoforum, Sustainable Cities and Society, Urban Rail Transit, Safety Science, TRB Annual Meeting, IACP Annual Meeting, National Institute of Congestion Reduction

Moderator/Discussant/Facilitator

- Moderator for the “Transit Equity and Workforce Development” Session in *2024 Research-to-Practice Transit Symposium*, October 23, 2024.
- Moderator for the “Bus Stop Spacing” Session in *2023 Research-to-Practice Transit Symposium*, October 25, 2023.
- Discussant for the “Who’s Riding the Bus” Session in *Association of Collegiate Schools of Planning 2023 Chicago Annual Conference*, October 20, 2023.
- Moderator for the “Digital Future, Digital Connectivity, and Cybersecurity” Session in *2021 Research-to-Practice Transit Symposium*, October 20, 2023.

SERVICE TO SOCIETY

City of Gainesville Citizen Transit Advisory Committee (CTAC)

- Providing feedback to the RTS Transit Development Plan 2024
- Providing feedback to the Transit Route Restoration Plan 2024

City of Gainesville Climate Action Plan Development Team

- Participating in the city’s climate action plan creation process 2023 - 2024

MEDIA

Mentions in the Press / Media Coverage of Research

Valdez, Kris Ann. (August 25, 2025). Under the Phoenix sun: How to fix deadly-hot bus stops. *Straight Arrow News*. <https://san.com/cc/under-the-phoenix-sun-how-to-fix-deadly-hot-bus-stops/>

Kaufman, Natalie. (January 23, 2025). Florida ride-share industry to see automated disruption. *The Independent Florida Alligator*. <https://www.alligator.org/article/2025/01/ride-share-industry-meets-robotaxi>

Herbert, Kiran. (December 5, 2023). Shared E-Scooters As a Last-Mile Transit Solution? *Better Bike Share Partnership*. <https://betterbikeshare.org/2023/12/05/shared-e-scooters-as-a-last-mile-transit-solution/>

Diaz, Robert. (March 3, 2023). Gainesville residents contemplate people mover system. *WUFT*. <https://www.wuft.org/news/2023/03/03/gainesville-residents-contemplate-people-mover-system/>

Spin Blog Post. (February 10, 2022). New Research Shows Positive Impacts of Micromobility May Be Underestimated. *Spin (Ford Mobility)*. <https://www.spin.app/blog-posts/new-research-shows-positive-impact-of-micromobility-may-be-underestimated>

Herbert, Kiran. (May 12, 2021). Xiang Yan wants to make micromobility better. *Better Bike Share Partnership*. <https://betterbikeshare.org/2021/05/12/xiang-yan-wants-to-make-micromobility-better/>

lonescu, Diana. (April 8, 2021). How e-scooters can complement public transit. *Planetizen*. Available at: <https://www.planetizen.com/news/2021/04/112885-how-e-scooters-can-complement-public-transit>

Kuntzman, Gersh. (March 4, 2021). E-Scooters Are Best for Short Trips to Transit, Shops: Study. *Streetsblog NYC*. Available at: <https://nyc.streetsblog.org/2021/03/04/e-scooters-are-best-for-short-trips-to-transit-shops-study/>

Galoustian, Gisele. (March 1, 2021). Scoot over! Study reveals E-scooter use in Washington D.C. *Science Daily*. Available at: <https://www.sciencedaily.com/releases/2021/03/210301091147.htm>

Guest, Greta. (August 28, 2018). Commuters: Ridesourcing could fix public transit. *Michigan News*. Available at: <https://news.umich.edu/commuters-ridesourcing-could-fix-public-transit/>

Opinion Pieces

Yan, X. (April 5, 2021). Make e-scooters work with transit, not against it. *Greater Greater Washington*. Available at: <https://gwwash.org/view/80884/make-e-scooters-work-with-transit-not-against-it>