

Biographical Sketch Junfeng Jiao

A. Professional Preparation

Wuhan University	Wuhan, China	Urban Planning	BEng 2001
Wuhan University	Wuhan, China	Architecture	MEng 2004
University of Twente	Enschede, Netherlands	GIS	MS 2004
University of Washington	Seattle, WA	Transportation Engineering	MS 2009
University of Washington	Seattle, WA	Urban Planning	PhD 2010
University of Washington	Seattle, WA	Urban Form Lab (Postdoc)	2010-2011

B. Appointments

2019-present	The University of Texas at Austin, School of Architecture, Associate Professor
2013-present	The University of Texas at Austin, Urban Information Lab, Director
2013-present	The University of Texas at Austin, Center for Transportation Research, Faculty Fellow
2013-2019	The University of Texas at Austin, School of Architecture, Assistant Professor
2011-2013	Ball State University, College of Architecture and Urban Planning, Assistant Professor

C. Publications

Five Publications Most Closely Related to the Study

1. Louis, A. & **Jiao, J.**, (2019). Bike Sharing Station Usage and the Surrounding Built Environments in Major Texas Cities. *Journal of Planning and Education Research*. <https://doi.org/10.1177/0739456X19862854>
2. Griffin, G., & **Jiao, J.** (2019). The Geography and Equity of Crowdsourced Public Participation for Active Transportation Planning. *Transportation Research Record: Journal of the Transportation Research Board*. <https://doi.org/10.1177/0361198118823498>.
3. Zhao, X., Chen, P., **Jiao, J.**, Chen, X., & Bischak, C. (2019). How Does ‘Park and Ride’ Perform? A Longitudinal Evaluation. *Journal of Transport Policy*. 74:15-23.
4. Chen, P., **Jiao, J.**, Xu, M., Gao, X., & Bischak, C. (2018). Promoting Active Student Travel: A Longitudinal Study. *Journal of Transport Geography*. 70, 265-274.
5. **Jiao, J.** (2018). Investigating Uber Price Surges During a Special Event in Austin, TX. *Research in Transportation and Business Management*. <https://doi.org/10.1016/j.rtbm.2018.02.008>

Other Significant Publications

1. Griffin, G., & **Jiao, J.** (2019). Crowdsourcing Bike Share Station Locations: Evaluating Participation and Placement. *Journal of the American Planning Association*. <https://doi.org/10.1080/01944363.2018.1476174>
2. Yu, H., **Jiao, J.**, Houston, E., & Peng, Z. (2018). Evaluating The Relationship Between Rail Transit and Industrial Agglomeration: An Observation From the Dallas-Fort Worth Region, TX. *Journal of Transport Geography*. 67. 33-52.
3. Sun, F., Chen, P., & **Jiao, J.** (2018). Promoting Public Biking Sharing: A Lesson from the Unsuccessful Pronto System. *Transportation Research Part D*. 63, 533-547.
4. **Jiao, J.**, Chen, Y., & He, N. (2017). Plan Pedestrian Friendly Environments around Subway Stations: Lessons from Shanghai, China. *Journal of Urban Design*. 22(6), 796-811.

5. **Jiao, J.** (2017). Identifying Transit Deserts in Major Texas Cities Where the Supplies Missed the Demands. *Journal of Transport and Land Use*. 10(1), 529-540.

D. Synergistic Activities

1. Dr. Jiao's research focuses on using information technologies (GIS, GPS, Drone, smart phone, social media, wearable devices, etc.) to quantify built environments and understand its impact on people's behavior. He is the chair elect of an eight-year multi million grant challenge focusing on Artificial Intelligence. He won the 2019 research excellence award from the School of Architecture at UT-Austin. He was frequently invited to present his research at major research universities and academic conferences. Recent presentations include: Dartmouth College, 2019, MIT, 2019, Cambridge University, 2018, University College London, 2018, Chinese University of Hong Kong, 2017, Tsinghua University, 2017, the University of Tennessee, 2016, Technical University of Munich, 2015. Paper presentations at the 97th-98th *Transportation Research Board (TRB) Annual Meeting*, 2018-2019; the 53rd-58th *Association of Collegiate Schools of Planning (ACSP) conference*, 2013-2018; and the 10th-12th *International Association for China Planning (IACP) annual conference*, 2016-2019. His research were widely reported by the *Associated Press, Yahoo, MSN, NBC, NPR, USA today, Finance and Commerce, City Lab, The Conversation, Chicago Tribute, San Francisco Chronicle, LA Times, Seattle Times, Seattle Met, Dallas News, Houston Chronicle, Austin Statesman, Texas Tribune, Wired* etc.
2. Dr. Jiao currently has six research projects funded by United States Department of Transportation (USDOT), IC2 Institute, Google and the University of Texas at Austin, These projects investigates *Entrepreneurship Environment in Rural Texas, Shared Mobility in The State of Texas, E-scooter Travels in Austin TX, The Relationship Between Air Pollution, Noise Exposure, Personal Transport Behavior and Health in Paris, France*. Dr. Jiao and his graduate students have won the prestigious Dwight David Eisenhower Transportation Fellowship Program from the Federal Highway Administration and Best Equity Project Award from the USDOT.
3. Dr. Jiao teaches courses in Smart City and Geographic Information System (GIS). He has frequently worked with the local communities (e.g. City of Austin, Wimberley Valley Water Association) and used new technologies such as GPS, Drone, laser cutter, Computer numerical control (CNC) modeling and GIS modeling to better address community planning needs. The class outputs have won awards at The University of Texas at Austin and used by the local agencies to guide their future urban planning.
4. Dr. Jiao has served on five journal editorial boards of: *Journal of Urban Technology, Journal of Transport and Land Use, Transportation Research Part D, PLOS one, and AIMS Public Health*. He is a guest editor for *Journal of Urban Technology, Journal of Transport and Land Use*. Dr. Jiao has also been an ad hoc Reviewer for *Journal of American Planning Association, Journal of Planning Education and Research, American Journal of Public Health, American Journal of Preventive Medicine, Journal of Transport and Land Use, Journal of Public Transportation, Transportation, and Transportation Research Record: Journal of the Transportation Research Board*.
5. Dr. Jiao's current professional service includes: Co-Chair, Information and Technology Track, *Association of Collegiate Schools of Planning (ACSP) conference (2017-2019)*. Treasurer and Board Member, *International Association for China Planning (IACP) (2019-)*. Board Member, *Chinese Oversea Transportation Association (COTA) (2019-)*