	UTC Project Information – Cooperative Mobility for Competitive Megaregions (CM²)
Project Title	The Role of Transportation Networking Companies in Megaregion Mobility: Optimizing multi-modality through the optimal combination and utilization of different modes for intra-megaregion travel
University	University of Texas at Austin (UT Austin) University of Pennsylvania (UPenn), Texas Southern University (TSU)
Principal Investigator	PI: Junfeng Jiao (UT Austin) CO-PIs: Erick Guerra (UPenn), Qisheng Pan (TSU)
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Funding Source(s) and Amounts Provided (by each agency or organization)	U.S. Department of Transportation: $91,500 University of Texas at Austin: $23,906 University of Pennsylvania: $5,000 Texas Southern University: $3,000
Total Project Cost	$123,406
Agency ID or Contract Number	UTDOT Grant number: 69A3551747135
Start and End Dates	9/1/2018 - 12/31/2019
Brief Description of Research Project	This proposed research aims to develop a theoretical framework for evaluating the role of transportation network companies (TNCs) such as Uber and Lyft in megaregion mobility. In detail, this study will investigate the spatial and temporal pattern of TNCs usage, people's perception of TNC service, the board impact of TNC with other transportation modes within the megaregional context, and the overall role TNC in megaregion mobility. This study will focus on three megaregions, The Texas Triangle, The Northeast Region and the Gulf Coast Region.
Describe Implementation of Research Outcomes (or why not implemented)	Following items were produced as outcome of this project: 1. Jiao, J. 2018. Investigating Uber Price Surges during a Special Event in Austin, TX. Paper presented at the 97th Transportation Research Board (TRB) Annual Meeting, January 7-11, 2018, Washington, D.C. 2. Jiao, J. 2018. Rideshare Pricing Transparency and Special Events: Uber Price Surges on the Fourth of July in Austin, Texas. Research in Transportation and Business Management. 3. Jiao, J. Miro, J. and McGrath, N. 2017. What public transit can learn from Uber and Lyft (Op-ed). The Conversation 4. 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. 5. Jiao, J. 2018. Investigating Uber Price Surges during a Special Event in Austin, TX. Research in Transportation and Business Management.

Impacts/Benefits of Implementation (actual, not anticipated)	The data collected about usage patterns will allow planners to better understand how TNCs are being used by users and drivers so that they can better integrate them in the overall network. Data collected about the public opinion of TNCs will help guide regulators in developing effective policies around TNCs at the city and megaregional level.
Web Links (to reports, project website, etc.)	2. https://doi.org/10.1016/j.rtbm.2018.02.008 3. https://theconversation.com/what-public-transit-can-learn-from-uber-and-lyft-85145 4. https://doi.org/10.1016/j.tranpol.2018.11.004 5. https://doi.org/10.1016/j.rtbm.2018.02.008