

UTC Project Information	
Project Title	Mitigating Network Congestion by Integrating Transportation Network Companies and Urban Transit (Project I2)
University	University of Alabama at Birmingham
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Funding Source(s) and Amounts Provided (by each agency or organization)	STRIDE: \$134,365 FDOT: \$51,602 UAB: \$82,763
Total Project Cost	\$134,365
Agency ID or Contract Number	69A3551747104
Start and End Dates	August 1, 2018 – August 31, 2020
Brief Description of Research Project	<p>Transportation Network Companies (TNCs) like Uber and Lyft, provide a transportation option that offers a higher level of availability, reliability, and convenience than traditional taxi and transit services. However, there are widespread concerns about their impacts on urban congestion and their threat to public transit and taxi services. Recent news articles and studies affirmed those concerns that are magnified even further by the current controversy in policy and legislation as to the regulation of TNCs. Despite these concerns, the limited number of case studies that have attempted such integration such as the Los Angeles, CA one reported benefits from integrating TNCs and transit and motivate further research and investigation of formalizing such integration. This study will develop a methodological framework that structures methods and processes pertinent to transportation systems components that would enable and facilitate the integration of TNCs into transit as a feeder system and as a means to fill-in existing gaps in transit service. A simulation model will be developed to assess the mobility benefits of adopting the sought framework in terms of vehicle miles travelled (VMT), travel times, and network demand.</p>

	The study will document available and novel methods and business models for multimodal integration; bridge existing gaps by developing new methods; structure such methods in a transferable methodological framework; and provide evidence on the benefits of adopting such framework in medium- and large-size urban setting.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	Not available. Research is in progress.
Impacts/Benefits of Implementation (actual, not anticipated)	Not available. Research is in progress.
Web Links <ul style="list-style-type: none">• Reports• Project website	https://stride.ce.ufl.edu/project-i2/