

UTC Project Information	
Project Title	Emerging Mobility Services for the Transportation Disadvantaged (Project C3)
University	North Carolina State University
Principal Investigator	Eleni Bardaka, Ph.D. Assistant Professor Department of Civil, Construction, and Environmental Engineering
PI Contact Information	ebardak@ncsu.edu 919-515-8576
Funding Source(s) and Amounts Provided (by each agency or organization)	STRIDE: \$489,609 NCDOT: \$70,000 Dept. of City & Regional Planning at UNC Chapel Hill: \$259,609 FDOT: \$60,000 (UF) + \$50,000 (FIU) Auburn: \$50,000
Total Project Cost	\$489,609
Agency ID or Contract Number	69A3551747104
Start and End Dates	November 1, 2019 – December 31, 2020
Brief Description of Research Project	The overall objective of the proposed project is to provide recommendations and tools that address the mobility needs of transportation disadvantaged populations to transportation agencies and other stakeholders by taking advantage of the recent technological advancements in mobility services. The project is a collaboration among five universities in the STRIDE partnership which will address this overall objective from different social angles and accessibility considerations. Thrust 1 will propose emerging mobility solutions for transportation disadvantaged populations in suburban areas. Thrust 2 will investigate the potential of integrating emerging mobility services to serve the needs of an aging population. Thrust 3 will assess the current state of medical transport in NC and the southeastern US and works with stakeholders in the transport and health sectors to identify required tools and build connections. Thrust 4 will investigate transportation accessibility for low-income and transportation disadvantaged populations for a variety of trips

	<p>and will actively engage stakeholders in understanding the implications of the interaction between transit and transportation network companies. Last, Thrust 5 will explore the role of MaaS in supporting rural communities' need to access urban areas. Together, the research conducted in these five thrusts will improve our understanding on the travel behavior of different transportation disadvantaged groups and will influence transportation planning decisions in the southeastern US region.</p>
<p>Describe Implementation of Research Outcomes (or why not implemented)</p> <p>Place Any Photos Here</p>	<p>Not available. Research is in progress.</p>
<p>Impacts/Benefits of Implementation (actual, not anticipated)</p>	<p>Not available. Research is in progress.</p>
<p>Web Links</p> <ul style="list-style-type: none"> • Reports • Project website 	<p>https://stride.ce.ufl.edu/project-c3/</p>