



**UTC Project Information – Cooperative Mobility for Competitive Megaregions (CM<sup>2</sup>)**

<b>Project Title</b>	Spatial Travel Mode Choice Model for Megaregions in an Autonomous Driving World
<b>University</b>	The University of Texas at Austin’s Center for Transportation Research
<b>Principal Investigator</b>	Dr. Chandra Bhat
<b>PI Contact Information</b>	
<b>Funding Source(s) and Amounts Provided</b>	U.S. Department of Transportation: \$94,500
<b>Total Project Cost</b>	\$94,500
<b>Agency ID or Contract Number</b>	UTDOT Grant number: 69A3551747135
<b>Start and End Dates</b>	10/1/2022 – 7/31/2023
<b>Brief Description of Research Project</b>	There is an increasing interest in incorporating spatial dependency among decision-makers in understanding travel mode choice effects, especially the uptake and use of non-motorized modes (walking and bicycling). Such spatial dependency may be caused by the spillover of neighborhood-level proximity-based unobserved effects. This is particularly important when investigating built environment, demographic, and mode level of service attributes in an emerging autonomous world, because sample sizes for such analyses are based on stated preference experiments that typically collect information from only a small sample size of individuals.
<b>Describe Implementation of Research Outcomes (or why not implemented)</b>	Not implemented yet. Project has not begun.
<b>Impacts/Benefits of Implementation (actual, not anticipated)</b>	Project has not begun yet, so no impacts have been realized.
<b>Web Links A. (to reports, project website, etc.)</b>	