

UTC Project Information	
Project Title	MPC-628 – Impaired Driving Safety Program Strategies Pilot and Dashboard: Improving Prevention Outcomes Based on Subpopulation Risk Factors and Individualized Risk Assessment
University	North Dakota State University
Principal Investigator	Kimberly Vachal, Ph.D. Satpal Wadhwa, Ph.D.
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Funding Source(s) and Amounts Provided (by each agency or organization)	<p>USDOT, Office of the Assistant Secretary for Research and Technology \$124,378</p> <p>North Dakota State University, \$104,378 North Dakota Department of Transportation, \$20,000</p>
Total Project Cost	\$248,756
Agency ID or Contract Number	69A3551747108
Start and End Dates	July 9, 2020 to August 31, 2023
Brief Description of Research Project	<p>Impaired driving remains a critical safety issue for North Dakota as over 4 in 10 motor vehicle deaths involve an impaired driver. A pilot project with the 24/7 Sobriety Program, initiated in 2008, led to legislated participation for recidivist DUI drivers just two years later. A recently developed assessment program, designed for impaired drivers, presents an exciting technology-based opportunity to individualize treatment for impaired drivers based on risk assessment for co-occurring mental health disorders. Research shows 45 percent of repeat drunk drivers have a major mental disorder. DWI Court, 24/7 Sobriety Program and other driver improvement strategies have strengthened impaired driving prevention. While DUI cases do require an evaluation, more robust assessment tools and prevention program implementation tools could be used to strengthen education, enforcement and driver improvement strategies. Understanding current practices is an important step in this process.. This pilot project would allow stakeholders to further refine the DUI prevention by incorporating a new dashboard tool as well as</p>

	knowledge regarding subpopulation recidivism risk and recidivism risk a driver subpopulation that is at high risk for reoffense.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	The NDDOT is considering the survey results in their impaired driving promotion and education program activities.
Impacts/Benefits of Implementation (actual, not anticipated)	Better targeted communication and resource allocation in relation to opportunities to expand ridesourcing as an impaired driving prevention strategy in rural communities.
Web Links <ul style="list-style-type: none"> • Reports • Project Website 	<ul style="list-style-type: none"> • MPC Research Report – Ridesourcing in Rural Communities, North Dakota Driver Survey • Journal Article – Evaluating 24/7 Sobriety Program Participant Reoffense Risk