

UTC Project Information	
Project Title	MPC-646 – Fatigue, Health and CMV Driving Behavior during the COVID-19 Pandemic
University	University of Denver
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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 \$125,000</p> <p>Predictive Safety, Inc. \$125,000</p>
Total Project Cost	\$250,000
Agency ID or Contract Number	69A3551747108
Start and End Dates	January 12, 2021 to July 31, 2024
Brief Description of Research Project	<p>Driver fatigue as a factor contributing to accidents and crashes involving commercial vehicles remains a top priority in improving transportation safety. Research has investigated the role of long work hours, job stress, personality characteristics including empathy and aggressiveness as significant influences on transportation safety. The Department of Transportation (DOT) suspended the hours-of-service (HOS) regulations for truck drivers during the coronavirus pandemic. The suspension was intended to ensure continuation of essential services as delivery demands soared. Changes in the hours of service rules due to emergency conditions during the COVID-19 pandemic of 2020 have created conditions that may affect driver behavior and transportation safety. The present study examines the role of fatigue, personality characteristics, long work hours and commercial vehicle driver behavior in relation to traffic citations, accidents and crashes. Comparisons of current number of hours driven, psychological mood, stress and other personality characteristics along with indicators of driver safety will be made with data collected prior to the pandemic. Results of the study will document changes in fatigue and driver safety during the pandemic</p>

	emergency and contribute to the validation of an effective personality measure and screening instrument to identify safe and effective commercial vehicle operators.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	
Web Links <ul style="list-style-type: none"> • Reports • Project Website 	