UTC Project Information

Project Title	MPC-691 – Impact of Rail Trespasser Fatalities & Suicide on Mental Health and Safety Culture of Rail Transportation Workers
University	University of Denver
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Total Project Cost	$583,630
Agency ID or Contract Number	69A3551747108
Start and End Dates	May 25, 2022 to July 31, 2023
Brief Description of Research Project	Trespasser fatalities and railroad suicide are significant concerns of the rail industry and the Federal Railroad Administration. Approximately 289 individuals commit suicide each year on the U.S. rail system accounting for almost one third of the fatalities related to railroad operations in the U.S. Railroad carriers alone cannot solve this tragic loss of life. The proposed project will assess the impact of exposure to trespasser fatalities and suicide on the mental health, safety and perceived safety culture of railroad workers and related first responders, law enforcement, and others. Several measures designed to assess compassion fatigue, secondary trauma, awareness of common myths associated with suicide and corporate safety culture will be administered to a sample of railroad workers and other key first line responders who will be attending railroad safety briefings and a rail suicide awareness program. The proposed research is expected to benefit railroad

	employees and related personnel by documenting the impact of railroad trespasser suicide and fatalities on perceived safety culture and lead to creating a checklist for identifying the effects associated with these events. The project will also promote awareness of effects and possible prevention techniques for responding to these events.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	

Web Links
   • Reports
   • Project Website	