

SAFER-SIM

TRB 2020 Program

**Tier 1 University Transportation
Center Promoting Safety**



SAFETY RESEARCH USING SIMULATION
UNIVERSITY TRANSPORTATION CENTER

Transportation Research Board

99th Annual Meeting

January 12–16, 2020

Washington D.C.



Title	Authors	Session	Date	Time	Location
Advanced Warning System for Safer Interaction Between Vehicles and Vulnerable Road Users	Hiba Nassereddine, Kelvin Santiago-Chaparro, and David Noyce	Poster Session 1342	Monday	3:45 PM –5:30PM	Convention Center, Hall A B449
A Proposed Framework for Identifying and Predicting Operator Errors when Using Advanced Vehicle Technologies	Anuj Pradhan, Ganesh Pai, Jaydeep Radadiya, Michael Knodler, Cole Fitzpatrick, and William Horrey	Lectern Session 1317	Monday	3:45 PM—5:30 PM	Convention Center 102B
Understanding the Safety Impact of Protected Intersections Design Elements- A Driving Simulation Approach	Aikerini Deliali, Nicholas Campbell, Michael Knodler, Eleni Christofa	Poster Session 1357	Monday	6:00 PM—7:30 PM	Convention Center, Hall A B399
Safely and Effectively Communicating Non-Connected Vehicle Information to Connected Vehicles	Hiba Nassereddine, Kelvin Santiago-Chaparro, Jon Riehl, and David Noyce	Poster Session 1494	Tuesday	10:15 AM— 12:00 PM	Convention Center, Hall A B402
Safety and Operational Impact of Connected Vehicles' Lane Configuration Design on Freeway Facilities with Managed Toll Lanes	Moatz Saad, Mohamed Abdel-Aty, Yina Wu, and Md Sharikur Rahman	Lectern Session 1457	Tuesday	10:15 AM— 12:00 PM	Convention Center 101