

**CSCRS @ TRB 2023**

SESSION #	EVENT TAG	EVENT TITLE	NAME(S)	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	START TIME	END TIME
Workshop 1003	P23-20818	Urban Roadway Design: Time for a New Paradigm?	Eric Dumbaugh	Presenter	The Civic Realm: Why Urban Street Design is Different	Florida Atlantic University	Sunday, January 8, 2023	9:00 AM	12:00 PM
Workshop 1002	P23-20511	Micromobility, Bicycles, and the Future of Cities	Chris Cherry, Katie Harmon	Moderator (Chris), Panelist (Katie)	Panel #1: Safety - Best & Worst Practices	UT Knoxville, UNC Chapel Hill	Sunday, January 8, 2023	9:00 AM	12:00 PM
Workshop 1010	P23-20264	Leveraging Machine Learning and GIS for Roadway Data Collection	Robert Rittmuller, Raghavan Srinivasan	Presenter	Leveraging Imagery and Computer Vision to Find Roadway Hazards	UNC Highway Safety Research Center	Sunday, January 8, 2023	9:00 AM	12:00 PM
Workshop 1001	A0020C AME40 AMS10 AMS30 AMS40 AMS50	Decarbonizing Transport Now and Everywhere: A Global Research Perspective, Part 1 (Part 2, 1062)	Susan Shaheen	Presenter	N/A	UC Berkeley	Sunday, January 8, 2023	9:00 AM	12:00 PM
Workshop 1027	P23-20758	Integrating Health Equity into Pedestrian Safety Through Interagency Collaboration	Laura Sandt	Presenter	Research Perspectives on Pedestrian Safety, Health Equity, and Collaboration Opportunities	UNC Highway Safety Research Center, TTI	Sunday, January 8, 2023	9:00 AM	12:00 PM
Workshop 1037	P23-20963	Early Academic Successful Careers: Resources and Advice	Tab Combs	Panelist	Innovations in Transportation Education	UNC Chapel Hill	Sunday, January 8, 2023	1:30 PM	4:30 PM
Poster Session 2053	TRBAM-23-04630	Building Resilient and Sustainable Communities	Asad Khattak, Mohammad SafariTaherkhani, Nastaran Moradloo, Candace Brakewood, Antora Mohsena Hauqe	Presenter	Effect of the COVID-19 Pandemic on Ridership Trends at Rural Transit Agencies and Disadvantaged Communities	UT Knoxville	Monday, January 9, 2023	8:00 AM	9:45 AM
Poster Session 2038	TRBAM-23-00186	Infrastructure-Related Safety Effects for Connected and Automated Vehicles	Asad Khattak, Steve Lee, Ramin Arvin	Presenter	Advancing Investigation of Automated Vehicle Crashes Using Text Analytics of Narratives and Bayesian Analysis	UT Knoxville	Monday, January 9, 2023	8:00 AM	9:45 AM
Poster Session 2046	TRBAM-23-03920	Research Supporting Advancements in Roadside Safety	Richard Storm, Raghavan Srinivasan, Bo Lan, Taha Saleem, Rebecca Herring	Presenter	Influence of Lateral Offset on Performance of High Tension Cable Median Barriers	UNC Highway Safety Research Center	Monday, January 9, 2023	8:00 AM	9:45 AM
Lectern Session 2009	TRBAM-23-04302	Emerging Topics in Congestion Pricing	Matthew Bhagat-Conway, Sam Zhang	Presenter	Rush Hour-and-a-Half: Traffic is Spreading Out Throughout the Day Post-Lockdown	UNC Chapel Hill	Monday, January 9, 2023	8:00 AM	9:45 AM
Poster Session 2035	TRBAM-23-01302	Freeway Operation 2023 (16)	Meghna Chakraborty, Md. Shakir Mahmud, Tim Gates	Presenter	Safety Impacts of Regulatory and Automated Variable Speed Limits	UNC Highway Safety Research Center, Michigan State University, VHB	Monday, January 9, 2023	8:00 AM	9:45 AM
Committee Meeting		Research Innovation and Implementation Management Committee (RIIM) (AJE35 )	Stephanie Harrell	Member	N/A	UNC Highway Safety Research Center	Monday, January 9, 2023	8:00 AM	10:00 AM
Lectern Session 2060	TRBAM-23-04722	Human Factors of Infrastructure Design and Operations	Mike Alston, Bastian Schroeder, Sarah Brown, Sarah O'Brien, Taha Saleem, Kristen Brookshire, Paul Ryus	Co-Authors	Factors Affecting Driver Yielding at Uncontrolled Crosswalks	UNC Highway Safety Research Center, KAI	Monday, January 9, 2023	10:15 AM	12:00 PM

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Poster Session 2151	TRBAM-23-00895	Impairment in Transportation Poster Session	Bhavna Singichetti; Becky Naumann	Presenter (Bhavna)	Trends and inequities in personal and contextual characteristics of alcohol-DWI suspensions, North Carolina, 2006-2016	UNC Chapel Hill	Monday, January 9, 2023	1:30 PM	3:15 PM
Poster Session 2149	TRBAM-23-03601	Innovation in Traffic Law Enforcement	Manuel Santana Palacios	Presenter	On Speed Management, Public Health, and Risky Behaviors: Examining the (Side)Effects of Automated Speed Cameras on Traffic Crashes and Injuries in Bogotá, Colombia	UNC Chapel Hill	Monday, January 9, 2023	1:30 PM	3:15 PM
Lectern Session 2116	TRBAM-23-01073	Work Zone Traffic Control	Jordan Hankin, Meghna Chakraborty, Tim Gates, Peter Savolainen, Travis Holpuch, Matt Motz	Co-Author	Evaluation of Auxiliary Signs for Use with Driveway Assistance Devices at Low-Volume Access Points within One-lane, Bi-directional Work Zones	UNC Highway Safety Research Center, Michigan State University	Monday, January 9, 2023	1:30 PM	3:15 PM
Subcommittee Meeting		Human Factors in Road Vehicle Automation (ACH30 (1))	Stephanie Harrell	Secretary	N/A	UNC Highway Safety Research Center	Monday, January 9, 2023	1:30 PM	3:15 PM
Committee Meeting		Highway Traffic Monitoring Committee	Krista Nordback	Member	N/A	UNC Highway Safety Research Center	Monday, January 9, 2023	3:45 PM	5:30 PM
Subcommittee Meeting		RIIM Subcommittee on Emerging Topics (AJE35 (2))	Stephanie Harrell	Member	N/A	UNC Highway Safety Research Center	Monday, January 9, 2023	6:00 PM	7:30 PM
Poster Session 2229	TRBAM-23-04324	Vehicle-Highway Automation 2023, Part 2 (Part 1, Session 2228; Part 3, Session 3195) (22)	Asad Khattak, Mohammad SafariTaherkhani, Iman Mahdinia, Nastaran Moradloo	Presenter	Investigating the Reasons for Automated Vehicle Disengagements	UT Knoxville	Monday, January 9, 2023	6:00 PM	7:30 PM
Committee Meeting		Statistical Methods Committee	Bo Lan	Member	N/A	UNC Highway Safety Research Center	Monday, January 9, 2023	6:00 PM	7:30 PM
Lectern Session 3027	TRBAM-23-04007	Beyond Adoption of Electric Vehicles	Asad Khattak, Latif Patwary	Presenter	Adoption of Alternative Fuel Vehicles in Disadvantaged Communities: Application of Statistical and Explainable Artificial Intelligence Techniques	UT Knoxville	Tuesday, January 10, 2023	8:00 AM	9:45 AM
Poster Session 3043	TRBAM-23-05159	Information and Communication Technologies, Activity Participation, and Travel Choices	Susan Shaheen	Presenter	Modeling the Effects of Telework on the Duration, Distance, and Time of Day of Out-of-Home Non-Work Activities	UC Berkeley	Tuesday, January 10, 2023	8:00 AM	9:45 AM
Lectern Session 3010	P23-20762	Moving Safety Research into Practice	Stephanie Harrell	Respondent	Implementation Responses	UNC Highway Safety Research Center	Tuesday, January 10, 2023	8:00 AM	9:45 AM
Poster Session 3052	TRBAM-23-00548	Current Research Topics in Urban Freight Transportation	Evan Iacobucci, Noreen McDonald, Charles Edwards, Ruth Steiner	Presenter	Reports from the Battle for the Curb: Using Social Media to Understand Challenges Faced by Urban Delivery Drivers	UNC Chapel Hill	Tuesday, January 10, 2023	8:00 AM	9:45 AM
Committee Meeting		Pedestrian Committee (ACH10) Meeting	Laura Sandt	Presiding Officer	N/A	UNC Highway Safety Research Center	Tuesday, January 10, 2023	8:00 AM	12:00 PM
Lectern Session 3083	TRBAM-23-03207	Getting into the Zone: Zoning and Its Transport Impacts	Matthew Bhagat-Conway	Presenter	Forecasting the Effects of Zoning Reform on Transport Outcomes: a Microsimulation Approach	UNC Chapel Hill	Tuesday, January 10, 2023	10:15 AM	12:00 PM

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Lectern Session 3062	TRBAM-23-00991	Paper Awards: Transportation Safety Management Systems	Wes Kumfer, Jesse McGowan, Krista Nordback, Mike Vann, Bo Lan,	Presenter	A Systemic Predictive Safety Analysis of Pedestrian Crashes for Montgomery County's Vision Zero Program	UNC Highway Safety Research Center, Sam Schwartz	Tuesday, January 10, 2023	10:15 AM	12:00 PM
Poster Session 3108	TRBAM-23-02063	Current Issues in Alternative Fuels and Technologies	Asad Khattak, Steve Lee, Numan Ahmad	Presenter	How Inclined Are Alternative Fuel Vehicle Owners to Use Automated Vehicle-Based Travel Options?	UT Knoxville	Tuesday, January 10, 2023	10:15 AM	12:00 PM
Lectern Session 3081	P23-20928	Last, but Not Least: Post-Crash Care and the Safe System Approach	Seth LaJeunesse	Presenter	The Role of Post-Crash Care within a Safe System	UNC Highway Safety Research Center	Tuesday, January 10, 2023	10:15 AM	12:00 PM
Poster Session 3149	TRBAM-23-04006	Transportation Safety Management Systems from Start to Finish	Asad Khattak, Nastaran Moradloo, Iman Mahdinia, Zeinab Bayati	Presenter	Safety in Higher Level Automated Vehicles: Investigating Edge Cases in Crashes of Vehicles Equipped with Automated Driving Systems	UT Knoxville	Tuesday, January 10, 2023	1:30 PM	3:15 PM
Poster Session 3149	TRBAM-23-00709	Transportation Safety Management Systems from Start to Finish	Asad Khattak, Steve Lee, Numan Ahmad, Jerry Evertt	Presenter	Strategies for Reducing Motorcyclist Injuries in Tennessee: Relevance of Evidence-Based Countermeasures that Work	UT Knoxville	Tuesday, January 10, 2023	1:30 PM	3:15 PM
Poster Session 3149	TRBAM-23-04010	Transportation Safety Management Systems from Start to Finish	Asad Khattak, Antora Mohsena Haque, Iman Mahdinia	Presenter	Investigating Safety in Disadvantaged Communities by Integrating Crash and Justice40 Initiative Data	UT Knoxville	Tuesday, January 10, 2023	1:30 PM	3:15 PM
Poster Session 3153	P23-20742	Research Innovation and implementation	Stephanie Harrell	Presenter	North Carolina Driver Education Survey on New Car Technology	UNC Highway Safety Research Center	Tuesday, January 10, 2023	1:30 PM	3:15 PM
Poster Session 3149	TRBAM-23-05272	Transportation Safety Management Systems from Start to Finish	Asad Khattak	Presenter	Comparison of Crash Types in Automated Vehicles with Different Levels of Automation	UT Knoxville	Tuesday, January 10, 2023	1:30 PM	3:15 PM
Poster Session 3196	TRBAM-23-03592	Safety Impacts of Road Users Including Pedestrians, Bicyclists, and Others	Asad Khattak, Nastaran Moradloo, Iman Mahdinia, Mohammad SafariTaherkhani	Presenter	Identifying Corner Cases in Fatal Pedestrian-involved Crashes: Application of Unsupervised Machine Learning Approach	UT Knoxville	Tuesday, January 10, 2023	3:45 PM	5:30 PM
Lectern Session 3167	TRBAM-23-04664	Remote Work, Work from Home, Telecommute: A New Era for Work Organization	Susan Shaheen	Presenter	Trajectories of Telework Through the Pandemic: Outlook and Implications for Cities	UC Berkeley	Tuesday, January 10, 2023	3:45 PM	5:30 PM
Lectern Session 3174	TRBAM-23-01075	The Best of the Best Performance Effects of Geometric Design Paper Submissions	Meghna Chakraborty, Tim Gates	Presenter	Association between Horizontal Curve Geometry and Single Vehicle Crash Occurrence on Rural Secondary Highways	UNC Highway Safety Research Center, MSU	Tuesday, January 10, 2023	3:45 PM	5:30 PM
Poster Session 3211	TRBAM-23-02078	Advances in Data and Methods Related to Modeling Bicyclist and Micromobility User Behavior and Safety	Md Mintu Miah	Presenter	Evaluation of Bicycle Network Connectivity Using Graph Theory and Level of Traffic Stress (LTS)	UC Berkeley	Tuesday, January 10, 2023	6:00 PM	7:30 PM
Poster Session 4028	TRBAM-23-03998	Legal Resources	Asad Khattak, Iman Mahdinia, Latif Patwary	Presenter	Predicting Damages to Reminder Parcels in Right-of-Way Acquisitions in Tennessee: Using a Truncated Finite Mixture Model	UT Knoxville	Wednesday, January 11, 2023	8:00 AM	9:45 AM

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Lectern Session 4003	TRBAM-23-03810	Advancements in Processing, Understanding, and Using Bicycle and Pedestrian Data	Md Mintu Miah, University of California, Berkeley	Presenter	Evaluating the Potential of Crowdsourced Data to Estimate Network-Wide Bicycle Volumes	UC Berkeley	Wednesday, January 11, 2023	8:00 AM	9:45 AM
Poster Session 4003		Advancements in Processing, Understanding, and Using Bicycle and Pedestrian Data	Krista Nordback	Presiding Officer	N/A	UNC Highway Safety Research Center	Wednesday, January 11, 2023	8:00 AM	9:45 AM
Standing Committee on Transportation Safety Management Systems (ACS10)	ACS10	Standing Committee on Transportation Safety Management Systems (ACS10)	Offer Grembek	Presenter	Safe System Implementation Academy	UC Berkeley	Wednesday, January 11, 2023	8:00 AM	12:00 PM
Poster Session 4072	TRBAM-23-04631	Current Research in Transportation Equity	Soheil Sohrabi, Julia Griswold, Offer Grembek	Presenter	An Exploration of the Sources of Inequity in Roadway Safety	UC Berkeley	Wednesday, January 11, 2023	10:15 AM	12:00 PM
Poster Session 4071	TRBAM-23-01788	Equitable Access and Travel Costs	Susan Shaheen	Presenter	Struggling to Connect: Housing and Transportation Challenges of Low- and Moderate-Income Suburban Residents in the San Francisco Bay Area	UC Berkeley	Wednesday, January 11, 2023	10:15 AM	12:00 PM
Poster Session 4058		Automation, Technology, and Pedestrian Interactions	Tab Combs	Presiding Officer	N/A	UNC Chapel Hill	Wednesday, January 11, 2023	10:15 AM	12:00 PM
Poster Session 4059	TRBAM-23-00660	Investigating Pedestrian Safety and Accessibility	Seth LaJeunesse, Wes Kumer, Sirisha Kothuri, Krista Nordback, Nathan McNeil	Presenter	How was your Crossing Experience? Development of a Pedestrian Satisfaction with Unsignalized Crossings Scale	UNC Highway Safety Research Center, Portland State University	Wednesday, January 11, 2023	10:15 AM	12:00 PM
Poster Session 4072	TRBAM-23-03653	Current Research in Transportation Equity	Eric Dumbaugh	Presenter	The Most Vulnerable User: Examining the Role of Income, Race, and the Built Environment on Pedestrian Injuries and Deaths	Florida Atlantic University	Wednesday, January 11, 2023	10:15 AM	12:00 PM
Poster Session 4063	TRBAM-23-04322	Information System and Technology	Asad Khattak et al.	Presenter	Long Short Term Memory Based Lane Change Prediction Using Waymo Open Motion Dataset: The Role of Vehicle Operating Space	UT Knoxville	Wednesday, January 11, 2023	10:15 AM	12:00 PM
Poster Session 4080	TRBAM-23-00144	Artificial Intelligence Applications in Transportation Planning	Asad Khattak	Presenter	Predicting Safety-Critical Events Using Driver Behaviors and Performance: Application of Machine Learning	UT Knoxville	Wednesday, January 11, 2023	3:45 PM	5:30 PM