

## CSCRS @ TRB 2020

SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Poster Session 1157	Advances and Innovations in Urban Freight Transportation Planning	Mojdeh Azad, Christopher Cherry	Co-presenting	Exploring the Characteristics of Light Electric Vehicle Performance in Urban Logistics	University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Poster Session 1144	Bicycle Research Poster Session	Chester Harvey, Daniel Rodriguez	Co-presenting	Comparing Methods and Data Sources for Classifying Bicycle "Level of Traffic Stress:" How Well Do Their Outcomes Agree?	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Poster Session 1144	Bicycle Research Poster Session	Daniel Rodriguez, Elizabeth Nachman	Co-presenting	Evaluating the Effects of a Classroom-Based Bicycle Education Intervention on Bicycle Activity, Self-Efficacy, Personal Safety, Knowledge, and Mode Choice	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Poster Session 1144	Bicycle Research Poster Session	Wesley Kumfer, Krista Nordback, Julia Griswold, Katie Heuser, Seth LaJeunesse, Libby Thomas	Co-presenting	Development of a Pedestrian and Bicyclist Safety Data Clearinghouse	UNC Highway Safety Research Center (HSRC), UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Lectern Session 1126	Current Research in Motorcycle Safety—Hybrid Session	Arthur Goodwin	Presiding		UNC Highway Safety Research Center (HSRC)	Monday, January 13, 2020	Convention Center, Salon B	8:00 AM	9:45 AM
Lectern Session 1126	Current Research in Motorcycle Safety—Hybrid Session	Numan Ahmad, Asad Khattak	Co-presenting	Towards Better Measurement of Traffic Injuries— Comparison of Anatomical Injury Measures in Predicting Poor Clinical Outcomes in Motorcycle Crashes	University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, Salon B	8:00 AM	9:45 AM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Poster Session 1150	Designing and Planning of Automated Transit Systems in Mixed-Use Environments	Antora Mohsena Haque, Candace Brakewood	Presenting	A Planning Framework for Autonomous Shuttles: A Case Study Approach	University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Poster Session 1142	Freeway Operations 2020	Asad Khattak	Co-presenting	Sequential Prediction for Large-Scale Traffic Incident Duration Application and Comparison of Survival Models	University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Poster Session 1137	Improving Accessibility for Pedestrians, Transit, and Emerging Transportation Modes	Abigail Cochran, Daniel Chatman	Presenting	Demand for On-Demand: Use of Conventional Taxis and App-Based Ridehailing Services by Adults with Disabilities	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Poster Session 1143	Managed Lane and Congestion Pricing Showcase, Part 2	Suhaib AlShayeb, Nikola Mitrovic	Co-presenting	Impact of Accurate Detection of Freeway Traffic Conditions on the Dynamic Pricing of I-95 Express Lanes	Florida Atlantic University	Monday, January 13, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Poster Session 1143	Managed Lane and Congestion Pricing Showcase, Part 2	Djordjija Mitrovic	Co-presenting	Evaluation of Alternative Methods for Dynamic I-95 Express Lane Pricing	Florida Atlantic University	Monday, January 13, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Poster Session 1153	Models and Analysis for Paratransit Demand and Operations	Courtney Cronley	Co-presenting	Barriers and Opportunities for Paratransit Users to Adopt On-Demand Micro Transit	University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, Hall A	8:00 AM	9:45 AM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Committee ANB20(5)	Traffic Speed and Safety: Cross-Cutting Issues	Libby Thomas	Presiding		UNC Highway Safety Research Center (HSRC)	Monday, January 13, 2020	Marriott Marquis, Supreme Court (M4)	8:00 AM	9:45 AM
Lectern Session 1199	Barriers to Increasing Truck Parking Supply and Availability	Elliott Martin	Presiding		UC Berkeley	Monday, January 13, 2020	Convention Center, 144B	10:15 AM	12:00 PM
Lectern Session 1191	Evaluation of Signs and Markings Based on User Needs	Pei Wang, Tingting Zhang, Sanaz Motamedi, Ching-Yao Chan	Co-presenting	Freeway Traffic Sign Design for Interstate 80 Smart Corridor in California: A Driving Simulator Study	UC Berkeley	Monday, January 13, 2020	Convention Center, 102B	10:15 AM	12:00 PM
Poster Session 1220	Innovations in Traffic Signal Control and Optimization	Nemanja Dobrota, Nikola Mitrovic	Co-presenting	Identifying Time-Of-Day Breakpoints Based on Clustering Techniques and Visual Analytics	Florida Atlantic University	Monday, January 13, 2020	Convention Center, Hall A	10:15 AM	12:00 PM
Poster Session 1226	Ridesourcing, Ridesharing, and Carsharing	Sakib Khan	Co-presenting	Are Drivers Cool with Pool? Driver Attitudes Towards the Shared TNC Services UberPool and Lyft Shared	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	10:15 AM	12:00 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Lectern Session 1188	Tools for Transforming Road Safety Practice to Safe Systems	Seth Lajeunesse	Co-presenting	Overview of Vision Zero and the Safe System Approach	UNC Highway Safety Research Center (HSRC)	Monday, January 13, 2020	Convention Center, 103A	10:15 AM	12:00 PM
Committee ADD30	Transportation and Land Development Committee	Noreen McDonald, John Renne	Presiding		UNC Chapel Hill, Florida Atlantic University	Monday, January 13, 2020	Marriott Marquis, Independence Salon B (M4)	10:15 AM	12:00 PM
Committee ADD00	Social, Economic, and Cultural Issues Section Executive Board (By Invitation)	Noreen McDonald	Co-presiding		UNC Chapel Hill	Monday, January 13, 2020	Farragut North (M3)	12:15 PM	1:15 PM
Lectern Session 1263	Engagement, Equity, and Experiments in Transit Planning: Lightning Talks	Marcel Moran, Daniel Chatman	Presenting	Lightning Talk: Planning for Autonomous Vehicles: How Selected Cities Are Prospectively Addressing Road Congestion, Parking Requirements, Transit Connections, and Municipal Revenue	UC Berkeley	Monday, January 13, 2020	Convention Center, 147A	1:30 PM	3:15 PM
Lectern Session 1263	Engagement, Equity, and Experiments in Transit Planning: Lightning Talks	Kate Beck	Presenting	Lightning Talk: An Analysis of Perceptions of Civic Engagement Technologies in Transportation Planning	UC Berkeley	Monday, January 13, 2020	Convention Center, 147A	1:30 PM	3:15 PM
Poster Session 1285	New Trends in Research on Human Factors and Vehicle User Characteristics	Ramin Arvin, Asad Khattak	Presenting	Driving Impairments and Duration of Distractions: Assessing Crash Risk by Harnessing Microscopic Naturalistic Driving Data	University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, Hall A	1:30 PM	3:15 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Poster Session 1285	New Trends in Research on Human Factors and Vehicle User Characteristics	Iman Mahdinia, Amin Mohammadnazar, Asad Khattak	Presenting	Integration of Automated Vehicles in Mixed Traffic: Evaluating Changes in Operational Performance of Following Vehicles	University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, Hall A	1:30 PM	3:15 PM
Poster Session 1285	New Trends in Research on Human Factors and Vehicle User Characteristics	Pin Wang, Ching-Yao Chan	Co-presenting	Driver Identification Using 1-D Convolutional Neural Networks with Vehicular CAN Signals	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	1:30 PM	3:15 PM
Poster Session 1285	New Trends in Research on Human Factors and Vehicle User Characteristics	Ching-Yao Chan	Co-presenting	An On-Road Driving Test of Cognitive Distraction: Characteristics of Drivers' Visual Behavior	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	1:30 PM	3:15 PM
Lectern Session 1265	The Future of North American Freight Rail Transportation	Mark Burton	Presiding		University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, 144B	1:30 PM	3:15 PM
Lectern Session 1264	Wider Impacts of Light Rail on Noise, the Economy, and Safety	Candace Brakewood, Abubakr Ziedan	Presenting	A Longitudinal Analysis of Light Rail and Streetcar Safety in the United States	University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, 144A	1:30 PM	3:15 PM
Lectern Session 1326	Advances in Intermodal Freight Terminal Design and Operations	Evangelos Kaiser	Presiding		Florida Atlantic University	Monday, January 13, 2020	Convention Center, 144C	3:45 PM	5:30 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Lectern Session 1317	At-Risk Vehicle Operators: Research and Practice for Novice and Experienced Drivers	Yudan Wang, Robert Foss, Arthur Goodwin	Co-presenting	The Effect of Extending Graduated Driver Licensing to Older Novice Drivers in Indiana	UNC Chapel Hill	Monday, January 13, 2020	Convention Center, 102B	3:45 PM	5:30 PM
Poster Session 1342	Current Research in User Information Systems	Pei Wang, Teresa Bajo, David Whitney, Ching-Yao Chan	Co-presenting	External Interface of Automated Driving Systems: Communication and Interaction with Pedestrians	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	3:45 PM	5:30 PM
Lectern Session 1293	Engagement in Unexpected Places	Courtney Cronley	Co-presenting	Utilizing an Inter-Professional Community Advisory Board: A Case Study to Inform Best Practices in Community-Engaged Research for Transportation Equity and Social Inclusion	University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, 156	3:45 PM	5:30 PM
Poster Session 1344	Engagement, Equity, and Experiments in Transit Planning	Marcel Moran, Daniel Chatman	Presenting	Planning for Autonomous Vehicles: How Selected Cities Are Prospectively Addressing Road Congestion, Parking Requirements, Transit Connections, and Municipal Revenue	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	3:45 PM	5:30 PM
Poster Session 1344	Engagement, Equity, and Experiments in Transit Planning	Kate Beck	Presenting	An Analysis of Perceptions of Civic Engagement Technologies in Transportation Planning	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	3:45 PM	5:30 PM
Poster Session 1332	Information and Communications Technologies, Smartphones, Activity Patterns, and Travel Choices	Noreen McDonald	Co-presenting	Associating Ridesourcing with Road Safety Outcomes: Insights from Austin Texas	UNC Chapel Hill	Monday, January 13, 2020	Convention Center, Hall A	3:45 PM	5:30 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Lectern Session 1298	Nuts and Bolts: How Planning Processes Prepare Communities for Transportation and Land Use Challenges	Louis Merlin	Presiding		Florida Atlantic University	Monday, January 13, 2020	Convention Center, 140B	3:45 PM	5:30 PM
Lectern Session 1318	Occupant Protection in Rural Communities	Christopher Cherry	Co-presenting	Factors Influencing Seat Belt Non-Use: Incorporating Spatial Effects	University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, 103A	3:45 PM	5:30 PM
Committee ANF10(3)	Pedestrian and Autonomous Vehicle Interactions Subcommittee	Laura Sandt	Presiding		UNC Highway Safety Research Center (HSRC)	Monday, January 13, 2020	Marriott Marquis, Independence Salon H (M4)	3:45 PM	5:30 PM
Lectern Session 1330	Review of the Implementation of the SHRP 2 Safety and Roadway Information Data Bases: Results to Date and a Look to the Future	King Gee	Presiding		AASHTO	Monday, January 13, 2020	Convention Center, 144A	3:45 PM	5:30 PM
Poster Session 1339	Safety Data, Analysis, and Evaluation, Act II: Deep Learning, Induced Exposure, and Other Sophisticated Method	Raghavan Srinivasan	Presiding		UNC Highway Safety Research Center (HSRC)	Monday, January 13, 2020	Convention Center, Hall A	3:45 PM	5:30 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Poster Session 1339	Safety Data, Analysis, and Evaluation, Act II: Deep Learning, Induced Exposure, and Other Sophisticated Method	Jiajan Lu, Aditya Medury, Offer Grembek	Presenting	Comparison of Pattern Recognition-Based Hotspot Identification Methods Based on Simulation	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	3:45 PM	5:30 PM
Poster Session 1339	Safety Data, Analysis, and Evaluation, Act II: Deep Learning, Induced Exposure, and Other Sophisticated Method	Dibakar Saha, Eric Dumbaugh	Co-presenting	Application of the Poisson-Tweedie Distribution in Analyzing Crash Frequency Data	Florida Atlantic University	Monday, January 13, 2020	Convention Center, Hall A	3:45 PM	5:30 PM
Lectern Session 1316	Safety Management in a World of Connected and Automated Vehicles—Hybrid Session	Ramin Arvin, Asad Khattak	Presenting	Harnessing Big Data Generated by Connected Vehicles to Monitor Safety Performance: Application of Geographically Weighted Negative Binomial Regression	University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, Salon B	3:45 PM	5:30 PM
Poster Session 1353	Infrastructure-Vehicle Cooperative Automation	Pin Wang	Co-presenting	Research on Decision-Making Model of Left-Turn Behavior for Autonomous Vehicles at Urban Intersection Based on Conflict Resolution	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	6:00 PM	7:30 PM
Poster Session 1353	Infrastructure-Vehicle Cooperative Automation	Pin Wang, Ching-Yao Chan	Co-presenting	Structured Quadratic Q-network for Learning Continuous Control for Autonomous Vehicles	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	6:00 PM	7:30 PM
Poster Session 1353	Infrastructure-Vehicle Cooperative Automation	Lian Cui	Co-presenting	A Generic Simulation Platform for Cooperative Adaptive Cruise Control under Partially Connected and Automated Environment	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	6:00 PM	7:30 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Poster Session 1354	Modeling, Simulation, Analysis, and Evaluation of Connected and Automated Vehicle Applications	Songpo Li, Dev Seth, Mary Cummings	Co-presenting	Traffic Efficiency and Safety Impacts of Autonomous Vehicle Aggressiveness	Duke University	Monday, January 13, 2020	Convention Center, Hall A	6:00 PM	7:30 PM
Poster Session 1354	Modeling, Simulation, Analysis, and Evaluation of Connected and Automated Vehicle Applications	Sakib Khan	Co-presenting	Situation-Aware Left-Turning Connected and Automated Vehicle Operation at Signalized Intersections	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	6:00 PM	7:30 PM
Lectern Session 1347	Planning and Operations of Multimodal Transportation Networks	Shu Lu	Co-presenting	Exploring Insignificant OD Pairs: A Compressed Sensing Model for OD Demand Estimation	UNC Chapel Hill	Monday, January 13, 2020	Convention Center, 145A	6:00 PM	7:30 PM
Poster Session 1356	Safety Data, Analysis, and Evaluation, Act IV: Rollover, Trucks, Wildlife, and Other Crash Circumstances Explored	Aditya Medury, Dimitris Vlachogiannis, Offer Grembeck	Presenting	Assessing the Variation of Curbside Safety at the City Block Level	UC Berkeley	Monday, January 13, 2020	Convention Center, Hall A	6:00 PM	7:30 PM
Poster Session 1355	Toward Adoption of Vehicle-Highway Automation	Ramin Arvin, Asad Khattak, Alexandra Boggs	Presenting	Analyzing On-Road Automated Vehicle Disengagements Over Time and by Manufacturers	University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, Hall A	6:00 PM	7:30 PM
Poster Session 1355	Toward Adoption of Vehicle-Highway Automation	Ramin Arvin, Asad Khattak, Alexandra Boggs	Presenting	Exploring the Who, What, Where, When, and Why of Automated Vehicle Disengagements	University of Tennessee, Knoxville	Monday, January 13, 2020	Convention Center, Hall A	6:00 PM	7:30 PM
Lectern Session 1350	What Is Novel and Innovative in Novice and Experienced Driver Behavior Research—Hybrid Session	Robert Foss	Co-presenting	Utilizing Quasi-Induced Exposure Methodology to Identify High-Risk Young Driver Populations	UNC Chapel Hill	Monday, January 13, 2020	Convention Center, Salon B	6:00 PM	7:30 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Workshop 1040	Mobility Innovation: A Vision for Our Transportation Future, Part 1	Susan Shaheen	Presiding		UC Berkeley	Sunday, January 12, 2020	Convention Center, 147A	9:00 AM	12:00 PM
Workshop 1038	Protecting Cyclists at Intersections: Design Guidance, Research, and Knowledge Gaps	Krista Nordback	Presenting	Urban Bikeway Intersection Safety, Design and Comfort: State of the Research (Part 2 of 3)	UNC Highway Safety Research Center (HSRC)	Sunday, January 12, 2020	Convention Center, Salon A	9:00 AM	12:00 PM
Workshop 1008	Section 508 Compliance and Document Accessibility: How to Make Your Reports Accessible for Everybody	Kendra Levine	Presiding		UC Berkeley	Sunday, January 12, 2020	Convention Center, 147B	9:00 AM	12:00 PM
Workshop 1041	Tactile Walking Surfaces for Wayfinding in Transit and Public Rights of Way	Sarah O'Brien	Presenting	Introduction to TCRP B-46: Tactile Wayfinding in Transportation Settings for Travelers Who Are Blind or Visually Impaired	UNC Highway Safety Research Center (HSRC)	Sunday, January 12, 2020	Convention Center, 144C	9:00 AM	12:00 PM
Workshop 1033	The Nexus of Speed Management and Human Factors as a Focal Point of Safe Systems	Offer Grembek	Presiding		UC Berkeley	Sunday, January 12, 2020	Convention Center, 101	9:00 AM	12:00 PM
Workshop 1033	The Nexus of Speed Management and Human Factors as a Focal Point of Safe Systems	Seth Lajeunesse	Co-presenting	Safe Systems and Speed	UNC Highway Safety Research Center (HSRC)	Sunday, January 12, 2020	Convention Center, 101	9:00 AM	12:00 PM

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Workshop 1033	The Nexus of Speed Management and Human Factors as a Focal Point of Safe Systems	Jeff Paniati	Presiding	Road Design Related to Speed Management	ITE	Sunday, January 12, 2020	Convention Center, 101	9:00 AM	12:00 PM
Workshop 1048	Accelerating Automated Vehicle Acceptance with Technology Transfer	Stephanie Harrell	Presiding		UNC Highway Safety Research Center (HSRC)	Sunday, January 12, 2020	Convention Center, 150B	1:30 PM	4:30 PM
Workshop 1048	Accelerating Automated Vehicle Acceptance with Technology Transfer	Laura Sandt	Panelist	Pedestrian Safety Concerns	UNC Highway Safety Research Center (HSRC)	Sunday, January 12, 2020	Convention Center, 150B	1:30 PM	4:30 PM
Workshop 1048	Accelerating Automated Vehicle Acceptance with Technology Transfer	Michael Clamann	Panelist	Human Machine Interaction Failures	UNC Highway Safety Research Center (HSRC)	Sunday, January 12, 2020	Convention Center, 150B	1:30 PM	4:30 PM
Workshop 1085	Improving Last-Mile and 50-Foot Logistics with Smart Initiatives to Improve Freight Mobility	Charles Edwards, Evangelos Kaiser	Presiding		UNC Chapel Hill, Florida Atlantic University	Sunday, January 12, 2020	Convention Center, 144C	1:30 PM	4:30 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Workshop 1073	Lessons Learned Using "Big Data" to Evaluate Geometric Effects	Raghavan Srinivasan	Presenting	Deriving Vertical Curvature from SHRP2 NDS/RID Grade Data	UNC Highway Safety Research Center (HSRC)	Sunday, January 12, 2020	Convention Center, Salon C	1:30 PM	4:30 PM
Workshop 1081	Mobility Innovation: A Vision for Our Transportation Future, Part 2	Susan Shaheen	Presiding		UC Berkeley	Sunday, January 12, 2020	Convention Center, 147A	1:30 PM	4:30 PM
Workshop 1769	Nudging the Commute: Behavioral Science and Mode Choice	Joseph Sherlock	Presenting		Duke University	Thursday, January 16, 2020	Convention Center, 206	8:00 AM	12:00 PM
Workshop 1781	Pedestrian Safety, Accessibility, and Harassment: Experiences Across Age, Race, Class, Ability, and Gender	Tabitha Combs	Presenting	Whose Voice is Heard when Planning and Designing for Pedestrians?	UNC Chapel Hill	Thursday, January 16, 2020	Convention Center, 202A	8:00 AM	12:00 PM
Workshop 1783	Rural Transportation for Everyone: Policy and Practice in 2020	Alyson West	Facilitating	Active Transportation Breakout Group	UNC Highway Safety Research Center	Thursday, January 16, 2020	Convention Center, 102B	8:00 AM	12:00 PM
Poster Session 1420	Advances in Intelligent Transportation Systems, Traffic Management Applications, and Strategies	Xingan Kan, Alexander Skabardonis, Hao Liu	Presenting	Improving Arterial Operations using Cooperative Adaptive 2 Cruise Control (CACC)	UC Berkeley	Tuesday, January 14, 2020	Convention Center, Hall A	8:00 AM	9:45 AM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Poster Session 1408	Advances in Traffic Monitoring	Taraneh Ardalan, Dan Liu, Evangelos Kaiser	Co-presenting	Truck Tonnage Estimation Using Weigh-In-Motion (WIM) Data in Florida	Florida Atlantic University	Tuesday, January 14, 2020	Convention Center, Hall A	8:00 AM	9:15 AM
Lectern Session 1396	Attitudes Toward Emerging and Existing Public Transportation Services	Candace Brakewood	Presiding		University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, 150A	8:00 AM	9:45 AM
Poster Session 1431	Current Research in Freight Transportation Economics and Regulation	David Clarke	Presiding		University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Lectern Session 1392	Driver Behavior: Methods for Data Collection and Analysis	Sevin Mohammadi, Ramin Arvin, Asad Khattak, Subhadeep Chakraborty	Presenting	The Role of Drivers' Social Interactions in Their Driving Behavior: Empirical Evidence and Implications for Traffic Flow	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, 103B	8:00 AM	9:45 AM
Lectern Session 1366	Evacuations in Short-Notice and No-Notice Scenarios	Stephen Wong, Susan Shaheen, Joan Walker	Co-presenting	A Revealed Preference Methodology to Evaluate Regret Minimization with Challenging Choice Sets: A Wildfire Evacuation Case Study	UC Berkeley	Tuesday, January 14, 2020	Convention Center, 151A	8:00 AM	9:45 AM

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Poster Session 1421	Multimodal Traffic Signal Control and Field Evaluations	Nemanja Dobrota, Nikola Mitrovic	Co-presenting	Adaptive Traffic Control Deployments in the U.S. – Insights from a New Database and Filtering Tool	Florida Atlantic University	Tuesday, January 14, 2020	Convention Center, Hall A	8:00 AM	9:15 AM
Lectern Session 1402	Urban Freight and Urban Form	Quan Yuan	Co-presenting	Shopping, Freight Deliveries, and Urban Form	UNC Chapel Hill	Tuesday, January 14, 2020	Convention Center, 145B	8:00 AM	9:45 AM
Lectern Session 1435	Benefits of Data Integration in Safety Decision Making	Nancy Lefler	Presiding		UNC Highway Safety Research Center (HSRC)	Tuesday, January 14, 2020	Convention Center, 152B	10:15 AM	12:00 PM
Lectern Session 1435	Benefits of Data Integration in Safety Decision Making	Katherine Harmon	Presenting	Health and Transportation Data Linkage in North Carolina	UNC Highway Safety Research Center (HSRC)	Tuesday, January 14, 2020	Convention Center, 152B	10:15 AM	12:00 PM
Poster Session 1497	Case Studies in Performance-Based Analysis of Geometric Design	Praveen Vayalamkuzhi, Aditya Medury, Offer Grembek	Co-presenting	Impact of Contiguous Elements on Road Safety under Heterogeneous Traffic Flow	UC Berkeley	Tuesday, January 14, 2020	Convention Center, Hall A	10:15 AM	12:00 PM
Poster Session 1497	Case Studies in Performance-Based Analysis of Geometric Design	Praveen Vayalamkuzhi, Aditya Medury, Offer Grembek	Co-presenting	A Systematic Approach for Segmentation in Highway Safety Management: Issues and Challenges	UC Berkeley	Tuesday, January 14, 2020	Convention Center, Hall A	10:15 AM	12:00 PM
Committee AHB35(2)	Managed Lanes Research Subcommittee	Lee Han	Presiding		University of Tennessee, Knoxville	Tuesday, January 14, 2020	Marriott Marquis, Marquis Salon 13 (M2)	10:15 AM	12:00 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Poster Session 1486	Moving Forward and Advancing Society with Transportation Libraries, Information, and Data	Kendra Levine	Presiding		UC Berkeley	Tuesday, January 14, 2020	Convention Center, Hall A	10:15 AM	12:00 PM
Poster Session 1486	Moving Forward and Advancing Society with Transportation Libraries, Information, and Data	Lisa Curtin	Presenting	Rescuing Legacy Transportation Data	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, Hall A	10:15 AM	12:00 PM
Poster Session 1494	Recent Applications of Connected and Automated Vehicles	Ramin Arvin, Asad Khattak	Co-presenting	Automated Vehicles Merging at Highway On-Ramps Enhanced by Connectivity with Infrastructure: Safety, Mobility, and Fuel Consumption Impacts	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, Hall A	10:15 AM	12:00 PM
Poster Session 1494	Recent Applications of Connected and Automated Vehicles	Asad Khattak	Co-presenting	Connected and Automated Vehicle-Enabled Lane Control Application in a Mixed Traffic Environment: Impact on Operations and Safety	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, Hall A	10:15 AM	12:00 PM
Poster Session 1494	Recent Applications of Connected and Automated Vehicles	Asad Khattak	Co-presenting	Constructing Spatiotemporal Driving Volatility Profiles for Connected and Automated Vehicles in Existing Highway Networks	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, Hall A	10:15 AM	12:00 PM

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Poster Session 1494	Recent Applications of Connected and Automated Vehicles	Kun Zhou	Co-presenting	Using RTCM Corrections in a Consumer-Grade Lane-Level Positioning System for Connected Vehicles	UC Berkeley	Tuesday, January 14, 2020	Convention Center, Hall A	10:15 AM	12:00 PM
Committee ANB10(6)	School Transportation Subcommittee	Ann Dellinger	Presiding		CDC	Tuesday, January 14, 2020	Marriott Marquis, Howard University (M1)	10:15 AM	12:00 PM
Poster Session 1495	Traffic Signal Control with Connected Automated Vehicle or Trajectory Data	Russell Graves, Subhadeep Chakraborty	Co-presenting	A Method for Distributed Control of Intersection Networks Leveraging 121 Communications and Inter-Signal Negotiations	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, Hall A	10:15 AM	12:00 PM
Committee ADA30	Transportation Planning for Small and Medium-Sized Communities Committee	Jerry Everett	Presiding		University of Tennessee, Knoxville	Tuesday, January 14, 2020	Marriott Marquis, Monument (M4)	10:15 AM	12:00 PM
Lectern Session 1441	Adoption of Emerging Mobility Services and Other Disruptive Technologies: An International Perspective	Susan Shaheen	Presenting	Emerging Mobility Services and Disruptive Technologies: An International Perspective	UC Berkeley	Tuesday, January 14, 2020	Convention Center, 145A	10:45 AM	12:00 PM
Lectern Session 1456	Assuring the Safety of Highly Automated Vehicles	Steven Shladover	Presiding		UC Berkeley	Tuesday, January 14, 2020	Convention Center, Salon C	10:45 AM	12:00 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Committee ABI20(1)	Safety Data Subcommittee	Nancy Lefler	Presiding		UNC Highway Safety Research Center (HSRC)	Tuesday, January 14, 2020	Marriott Marquis, Liberty Salon K (M4)	12:15 PM	1:15 PM
Lectern Session 1512	Advances in the Use of Smartphones for the Collection of Travel Surveys	K. Shankari, David Culler, Randy Katz	Co-presenting	EM-EVAL: an evaluation procedure for smartphone-based travel diaries	UC Berkeley	Tuesday, January 14, 2020	Convention Center, 152B	1:30 PM	3:15 PM
Lectern Session 1522	Big City, Turn on My Phone and Set Me Free: Exploring the Influences on and Influence of Ridesharing in Major Cities	Yi Wen	Co-presenting	Estimating and Comparing the Equity Level of Traditional and E-hailing Taxi Services During Peak Hours: A Study of New York City	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, 140B	1:30 PM	3:15 PM
Lectern Session 1540	Rear Seat Occupant Safety Issues in Passenger Vehicles	Christopher Cherry	Co-presenting	Identifying Seat Belt Non-Use Hot Zones	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, 102B	1:30 PM	3:15 PM
Poster Session 1643	Analyzing and Planning the Pedestrian Environment	Laura Sandt	Presiding		UNC Highway Safety Research Center (HSRC)	Tuesday, January 14, 2020	Convention Center, Hall A	3:45 PM	5:30 PM
Lectern Session 1583	Big Tools for Small Areas	Jerry Everett	Presenting	Show Me the Highlights! The Planning Research Digest: a New Resource for Planning Practitioners	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, 156	3:45 PM	5:30 PM
Poster Session 1630	Environmental Justice in Transportation Equity	Courtney Cronley	Co-presenting	Accessibility to Healthcare within the Context of the Behavioral Model for Vulnerable Populations	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, Hall A	3:45 PM	5:30 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Lectern Session 1582	Evaluations and Applications of Emerging Crowdsourced Data Sets	Candace Brakewood, Nima Hoseinzadeh	Co-presenting	Evaluation of Crowdsourced Event Reports for Real Time Implementation Spatial and Temporal Accuracy Analyses	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, 152B	3:45 PM	5:30 PM
Poster Session 1622	Innovation in Transportation Equity for the Development of More Robust Performance Metrics and Standards	Jessica Lazarus, Ahmad Bin Thaneya, Ioanna Kavvada, Jane Macfarlane	Co-presenting	Assessing the Equity Implications of Localized Congestion and Emissions Impacts of Four Traffic Assignment Scenarios in the Los Angeles Basin	UC Berkeley	Tuesday, January 14, 2020	Convention Center, Hall A	3:45 PM	5:30 PM
Lectern Session 1575	Mobility as a Service and Mobility on Demand Contributions to Sustainability and Decarbonization	Susan Shaheen	Presiding		UC Berkeley	Tuesday, January 14, 2020	Convention Center, 149	3:45 PM	5:30 PM
Committee AP030	Public Transportation Marketing and Fare Policy Committee	Candace Brakewood	Presiding		University of Tennessee, Knoxville	Tuesday, January 14, 2020	Marriott Marquis, Woodley Park (M3)	3:45 PM	5:30 PM
Poster Session 1629	Transportation Equity: Cross-Cutting Poster Session	Courtney Cronley	Co-presenting	Examining the Feasibility of Shared Mobility Programs for Reducing Transportation Inequities: Perspectives from the Front-line	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, Hall A	3:45 PM	5:30 PM
Poster Session 1629	Transportation Equity: Cross-Cutting Poster Session	Tamara Kerzhner	Presenting	Political, Social and Spatial Borders to Formalization: Case study of East Jerusalem	UC Berkeley	Tuesday, January 14, 2020	Convention Center, Hall A	3:45 PM	5:30 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Poster Session 1629	Transportation Equity: Cross-Cutting Poster Session	Alexandra Pan, Elliot Martin, Susah Shaheen	Presenting	Adoption and Use of One-Way Carsharing in Oakland, California: A Spatial, Demographic, and Equity Analysis	UC Berkeley	Tuesday, January 14, 2020	Convention Center, Hall A	3:45 PM	5:30 PM
Lectern Session 1606	User Information Needs for Connected and Automated Vehicle Technologies	Amin Mohammadnazar, Ravin Arvin, Asad Khattak	Presenting	Categorizing Driving Style using Connected Vehicle Data: Application of Unsupervised Learning	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, 103B	3:45 PM	5:30 PM
Lectern Session 1606	User Information Needs for Connected and Automated Vehicle Technologies	Iman Mahdinia, Ramin Arvin, Asad Khattak	Co-presenting	Performance Evaluation of Field-Test Vehicles Platooning: Application of Adaptive Cruise Control and Cooperative Adaptive Cruise Control	University of Tennessee, Knoxville	Tuesday, January 14, 2020	Convention Center, 103B	3:45 PM	5:30 PM
Poster Session 1653	Poster Session on Transportation and Land Development	John Renne	Presiding		Florida Atlantic University	Tuesday, January 14, 2020	Convention Center, Hall A	6:00 PM	7:30 PM
Lectern Session 1673	Advances in Connected and Automated Vehicles Applications	Nemanja Dobrota, Nikola Mitrovic	Co-presenting	Integrated Intersection Control for Connected, Automated Vehicles and Pedestrians - Simulation-Based Evaluation	Florida Atlantic University	Wednesday, January 15, 2020	Convention Center, 101	8:00 AM	9:45 AM
Lectern Session 1678	Bus System Operations, Technology, and Applications, Part 2	Manuel Palacios	Presenting	Examining Barranquilla's BRT-Paratransit Hybrid System: A Case Study	UC Berkeley	Wednesday, January 15, 2020	Convention Center, 145B	8:00 AM	9:45 AM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Committee ANF20(4)	Emerging Vehicles for Low-Speed Transportation	Christopher Cherry	Presiding		University of Tennessee, Knoxville	Wednesday, January 15, 2020	Marriott Marquis, Marquis Salon 14 (M2)	8:00 AM	9:45 AM
Poster Session 1690	Health, Transportation, and Emerging Research	Noreen McDonald, Mary Wolfe, G. Holmes	Presenting	Transportation Barriers to Healthcare in the U.S.	UNC Chapel Hill	Wednesday, January 15, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Poster Session 1690	Health, Transportation, and Emerging Research	Meg Bryson, Alyson West, Laura Sandt, Daniel Rodríguez	Co-presenting	Opportunities for Incorporating Health Considerations in Transportation Decision-Making	UNC Highway Safety Research Center (HSRC), UC Berkeley	Wednesday, January 15, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Poster Session 1691	Highway Safety Performance Research	Bo Lan	Presenting	Comparison of Crash Modification Factors for Engineering Treatments Estimated by Before-After Empirical Bayes and Propensity Score Matching Methods	UNC Highway Safety Research Center (HSRC)	Wednesday, January 15, 2020	Convention Center, Hall A	8:00 AM	9:45 AM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Poster Session 1691	Highway Safety Performance Research	Amin Mohammadnazar	Co-presenting	Developing Safety Performance Functions for Rural Multilane Highways in Tennessee: Accounting for Unobserved Heterogeneity	University of Tennessee, Knoxville	Wednesday, January 15, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Poster Session 1691	Highway Safety Performance Research	Amin Mohammadnazar, Numan Ahmad, Iman Mahdinia, Asad Khattak	Presenting	Application of Geographically and Temporally Weighted Regression Models for Estimating Safety Performance Functions of Multilane Rural Highways in Tennessee	University of Tennessee, Knoxville	Wednesday, January 15, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Committee AP020(1) & AP202(2)	Joint Meeting of the Shared-Use Vehicle Public Transport Systems Subcommittee & Emerging Ridesharing Solutions	Susan Shaheen	Presiding		UC Berkeley	Wednesday, January 15, 2020	Marriott Marquis, Chinatown (M3)	8:00 AM	12:00 PM
Committee ABG40	Library and Information Science for Transportation Committee	Kendra Levine	Presiding		UC Berkeley	Wednesday, January 15, 2020	Marriott Marquis, Liberty Salon I (M4)	8:00 AM	12:00 PM
Poster Session 1698	Recent Research in Intermodal Freight Transport	Panagiota Goulianou, Anastasios Charisis, Dan Liu, Evangelos Kaisar	Co-presenting	Intermodal Freight Network Design Model Considering Emission Levels and Time Constraints	Florida Atlantic University	Wednesday, January 15, 2020	Convention Center, Hall A	8:00 AM	9:45 AM
Lectern Session 1674	TRB Forum on Preparing for Automated Vehicles and Shared Mobility	King Gee	Presenting	Economic Impacts of a Shared Autonomous Future	AASHTO	Wednesday, January 15, 2020	Convention Center, Salon A	8:00 AM	9:45 AM
Committee ABJ35(3)	Bicycle and Pedestrian Data	Sarah O'Brien	Presiding		UNC Highway Safety Research Center (HSRC)	Wednesday, January 15, 2020	Marriott Marquis, Liberty Salon J (M4)	10:15 AM	12:00 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Poster Session 1736	Micromobility Poster Session: Planning, Policy, and User Behavior for Shared Bikes and Scooters	Amanda Glazer	Co-presenting	If You Provide, Will They Ride? Motivators and Deterrents to Bike Share	UC Berkeley	Wednesday, January 15, 2020	Convention Center, Hall A	10:15 AM	12:00 PM
Poster Session 1728	Transportation Modeling Network Mega and Joint Poster Session with Traveler Behavior and Values	Lee Han	Co-presenting	A New Network Equilibrium Flow Model: Formation and Algorithm of Quantity-Regulation User Equilibrium	University of Tennessee, Knoxville	Wednesday, January 15, 2020	Convention Center, Hall A	10:15 AM	12:00 PM
Lectern Session 1753	Behavior and Policies for Taxis and Demand Responsive Transit	Madeleine Parker	Presenting	Benefits and Challenges of On-Demand E-Hailing Paratransit Programs: A Case Study of Pilot Programs in New York City and Boston	UC Berkeley	Wednesday, January 15, 2020	Convention Center, 146B	2:30 PM	4:00 PM
Poster Session 1483	Novel Use of Economic Analysis in Decision Making	Christopher Cherry	Co-presenting	Exploring the Economic Impact of Traffic Crashes at the Zonal Level	University of Tennessee, Knoxville	Wednesday, January 15, 2020	Convention Center, Hall A	2:30 PM	4:00 PM
Lectern Session 1751	Pedestrian Safety Data and Tools	Katherine Harmon, Laura Sandt, Kelly Evenson, Susan Ennett, Whitney Robinson, Stephen Marshall	Co-presenting	Pedestrian Injuries in North Carolina, 2007-2012: A Comparative Analysis Using Police, Emergency Department, and Death Certificate Data Sources	UNC Highway Safety Research Center, UNC Chapel Hill	Wednesday, January 15, 2020	Convention Center, Salon A	2:30 PM	4:00 PM
Poster Session 1758	Road Scholars: New Research in Travel Time, Speed, and Reliability Data	Nima Hoseinzadeh, Lee Han, Candace Brakewood, Amin Mohammadnazar	Co-presenting	Verification of Crowdsourced Speed Data in Surface Streets: A Case Study of Waze and Bluetooth Speed Data in Sevierville, TN	University of Tennessee, Knoxville	Wednesday, January 15, 2020	Convention Center, Hall A	2:30 PM	4:00 PM

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SESSION #	EVENT TITLE	NAME	ROLE	PRESENTATION TITLE	ORGANIZATION	DATE	Room Number	START TIME	END TIME
Lectern Session 1745	The Transportation-Land Use Connection in the Global South	John Renne	Presiding		Florida Atlantic University	Wednesday, January 15, 2020	Convention Center, 140B	2:30 PM	4:00 PM