

A comprehensive guide of NITC research expertise at TRB

Please check TRB's online guide for the most up-to-date times.

**P** = Poster Session | **L** = Lecture | **W** = Workshop | **C** = Committee

DAY	TIME	#	ROOM	SESSION	PRESENTATION	RESEARCHERS	UNIVERSITY
Sunday	9:00 AM-12:00 PM	W - 1038	Salon A	Protecting Cyclists at Intersections: Design Guidance, Research, and Knowledge Gaps	Urban Bikeway Intersection Safety, Design and Comfort: State of the Research	Chris Monsere	Portland State University
Monday	8:00 AM-9:45 AM	P - 1144	Hall A	Bicycle Research Poster Session	Do Bicycles Reduce Passenger Car Travel Speeds on Urban Roads without Bicycle Lanes? Evidence from Roadways in Portland	Jaclyn Schaefer, Miguel Figliozzi, Avinash Unnikrishnan	Portland State University
Monday	8:00 AM-9:45 AM	P - 1156	Hall A	Current Research in Freight Planning and Logistics	A Study of Road Autonomous Delivery Robots and their Potential Impacts on Freight Efficiency and Travel	Dylan Jennings, Miguel Figliozzi	Portland State University
Monday	8:00 AM-9:45 AM	P - 1157	Hall A	Advances and Innovations in Urban Freight Transportation Planning	Exploring the Characteristics of Light Electric Vehicle Performance in Urban Logistics	John MacArthur	Portland State University
Monday	8:00 AM-9:45 AM	P - 1153	Hall A	Models and Analysis for Paratransit Demand and Operations	Barriers and Opportunities for Paratransit Users to Adopt On-Demand Micro Transit	Md. Mintu Miah, Farah Naz, Kyung (Kate) Hyun, Stephen Mattingly, Noelle Fields	University of Texas at Arlington
Monday	8:00 AM-9:45 AM	P - 1137	Hall A	Improving Accessibility for Pedestrians, Transit, and Emerging Transportation Modes	Using Community-Based Participatory Research Strategies in Age-Friendly Communities to Solve Mobility Challenges	Noelle Fields, Kristen Ravi, Sarah Robinson	University of Texas at Arlington
Monday	8:00 AM-9:45 AM	P - 1144	Hall A	Bicycle Research Poster Session	Safety and Nonoptimal Usage of a Protected Bicycle Intersection: A Before-and-After Case Study in Salt Lake City, UT	S. Hassan Ameli, Keunhyun Park	University of Utah
Monday	10:15 AM - 12:00 PM	L - 1166	146B	Addressing Equity in a Changing World: Emerging Research and Practices for Integrating Equity	Addressing Changing Demographics in Environmental Justice Analysis	Aaron Golub	Portland State University

Monday	10:15 AM-12:00 PM	L - 1166	146B	Addressing Equity in a Changing World: Emerging Research and Practices for Integrating Equity into Transportation Planning Across the United States and Europe	Addressing Changing Demographics in Environmental Justice Analysis: Review of Demographic Trends and State of Practice	Aaron Golub, Nathan McNeil, Charles Rynerson	Portland State University
Monday	10:15 AM-12:00 PM	P - 1211	Hall A	Advances in Artificial Intelligence Applications in Transportation and Road Infrastructure, Part 1 (Part 2, Session 1278)	Inferring Individual's Activity and Trip Purpose From Gps Data Using Wavelet Decomposition And Kmeans	Meiyu Pan, Yi-Chang Chiu	University of Arizona
Monday	10:15 AM-12:00 PM	L - 1193	144C	Evaluating Innovative Public Transportation Fare Policies: Low-Income Programs, Fare Capping, Incentives, and More	The Development and Field Validation of A System Optimal Individualized Incentive Scheme for A Metro Transit System	Zirui (Raymond) Huang, Yi-Chang Chiu	University of Arizona
Monday	10:15 AM-12:00 PM	P - 1206	Hall A	Hot Topics in Urban Transportation: Micromobility and Beyond	Unsupervised Learning Combined Model for Traffic Congestion Assessment of Metropolitan Areas	Alexander Lee, Wei-Hua Lin	University of Arizona
Monday	10:15 AM-12:00 PM	P - 1226	Hall A	Ridesourcing, Ridesharing, and Carsharing	Effects of the Built Environment on Public Adoption of Autonomous Vehicles and Shared Autonomous Vehicles. A Case Study of the Dallas- Fort Worth Metropolitan Area	Hamid Hajjafari, Stephen Mattingly	University of Texas at Arlington
Monday	10:15 AM-12:00 PM	P - 1227	Hall A	Bus Transit Research and Practices, Part 1 (Part 2, Session 1568)	An Inventory of Bus Stop Amenities Guidelines at U.S. Transit Agencies	Samuel Jensen, Arlie Adkins, Keith Bartholomew, Ja Young Kim	University of Utah, University of Arizona
Monday	1:30 PM-3:15 PM	L - 1237	146B	Automated Transportation and Shared Mobility	Robust Maximum Coverage Facility Problem with Drones Considering Uncertainties in Battery Availability and Consumption	Darshan Rajesh Chauhan, Avinash Unnikrishnan, Miguel Figliozzi	Portland State University

Monday	1:30 PM-3:15 PM	L - 1240	140B	Social and Economic Factors of Car Ownership	A Portrait of Zero-car and Car-owning Household Mobility Trends in the U.S.: Insights from the 2009 and 2017 National Household Travel Survey (NHTS)	Gabriella Abou-Zeid, Michael McQueen, Anaisabel Crespo-Leiva, Kelly Clifton	Portland State University
Monday	1:30 PM-3:15 PM	P - 1278	Hall A	Advances in Artificial Intelligence Applications in Transportation and Road Infrastructure, Part 2 (Part 1, Session 1211)	Predicting Crashes by Applying Machine Learning on New Sources of Driver Behaviour Data	Jason Anderson	Portland State University
Monday	1:30 PM-3:15 PM	P - 1278	Hall A	Advances in Artificial Intelligence Applications in Transportation and Road Infrastructure, Part 2 (Part 1, Session 1211)	Using Conditional Generative Adversarial Nets and Heat Maps with Simulation Accelerated Training to Predict the Spatiotemporal Impacts of Highway Incidents	Zirui (Raymond) Huang, Yuqiu (Rachael) Yuan, Yi-Chang Chiu	University of Arizona
Monday	1:30 PM-3:15 PM	P - 1278	Hall A	Advances in Artificial Intelligence Applications in Transportation and Road Infrastructure, Part 2 (Part 1, Session 1211)	Social Media Text Analysis using Multi-kernel Convolution Neural Network for Ride Hailing Service Assessment	Anna Philips, Farah Naz, Kyung (Kate) Hyun, Vivek Patel, Won Hwa Kim	University of Texas at Arlington
Monday	1:30 PM-3:15 PM	L - 1253	101	Up to Speed: Safety and Operational Effects of Road Design	Effects of Operating Speed and Traffic Flow on Severe and Fatal Crashes using the usRAP Methodology and Field Data Verification	Fahmid Hossain, Juan Medina	University of Utah
Monday	1:30 PM-3:15 PM	L - 1264	144A	Wider Impacts of Light Rail on Noise, the Economy, and Safety	The Impacts of Light Rail Transit on Labor Participation and Housing Affordability in the U.S.: A Longitudinal Analysis using Propensity Score Matching	Keuntae Kim, Arthur C. Nelson	University of Utah, University of Arizona
Monday	1:30 PM-3:15 PM	L - 1234	151B	New Solutions to Traffic Monitoring Challenges	Data-Driven Road Side Unit Location Optimization for Information Propagation under Stochastic Traffic Condition	Xianfeng Yang	University of Utah
Monday	1:30 PM-3:15 PM	L - 1233	154	Promoting Your Research: Success Stories from Academia, State DOTs, and Journals	Promoting Your Research: The Researcher's Perspective	Jennifer Dill	Portland State University

Monday	1:30 PM-3:15 PM	L - 1233	154	Promoting Your Research: Success Stories from Academia, State DOTs, and Journals	Promoting Your Research: The Research Center Perspective	Cait McCusker	Portland State University
Monday	1:30 PM-3:15 PM	L - 1260	103B	Using Data to Model Crashes, Design Enforcement, and Improve Safety	Does Periodic Law Enforcement Enhance the Effectiveness of Speed Feedback Sign? A Case Study in Pima County, Arizona	Abolfazl Karimpour, Yao-Jan Wu	University of Arizona
Monday	3:45 PM-5:30 PM	L - 1304	209A	Bridge Load Rating	Integration of Artificial Neural Networks in Bridge Load Rating and Case Study Application	Juan Perez Garfías	Portland State University
Monday	3:45 PM-5:30 PM	P - 1341	Hall A	Truck and Bus Safety Research	Reducing Unsafe Truck Driver Behavior on Interstate Freight Corridors Through DOT and Law Enforcement Collaboration	Jason Anderson	Portland State University
Monday	3:45 PM-5:30 PM	L - 1309	102A	Technology Assisting to Make Better Work Zones	In-Vehicle Work Zone Notification System for Connected Vehicles	Niraj Altekar, Debashis Das, K. Larry Head, Sherilyn Keaton	University of Arizona
Monday	3:45 PM-5:30 PM	P - 1331	Hall A	Transportation Demand Management Research Topics	Social Carpool Behavior Analysis Using Data from Incentive-Based Demand Management Platform	Yi-Chang Chiu, Chih-Wei Hsieh	University of Arizona
Monday	3:45 PM-5:30 PM	L - 1298	140B	Nuts and Bolts: How Planning Processes Prepare Communities for Transportation and Land Use Challenges	MPO Transportation Funding for Livable Communities: A Review of National MPO Programs	Amanda Dillon, Fatemeh Kiani, Reid Ewing	University of Utah
Monday	3:45 PM-5:30 PM	P - 1333	Hall A	Travel Modeling Poster Session	A Vehicle Ownership (Car Shedding) Model as a Pre-Step of Travel Demand Modeling	Sadegh Sabouri, Guang Tian, Reid Ewing	University of Utah
Monday	3:45 PM-5:30 PM	L - 1293	156	Engagement in Unexpected Places	Utilizing an Inter-Professional Community Advisory Board: A Case Study to Inform Best Practices in Community-Engaged Research for Transportation Equity and Social Inclusion	Vivian Miller, Noelle Fields, Stephen Mattingly, Melinda Kitchens	University of Texas at Arlington

Monday	6:00 PM-7:30 PM	P - 1352	Hall A	Emergency Responders	Ambulance Location Optimization Incorporating O-D Travel Time Variability: A Case Study of Delhi	Avinash Unnikrishnan	Portland State University
Monday	6:00 PM-7:30 PM	P - 1358	Hall A	Focus on Pedestrian and Bicycle Safety	An Exploratory Parameter Sensitivity Analysis of Bicycle-Vehicle Conflicts Using the Surrogate Safety Assessment Model	Yi Wang, Chris Monsere	Portland State University
Monday	6:00 PM-7:30 PM	L - 1349	Salon A	Pedestrian Hybrid Beacons and Enhanced Crosswalk Signage	Quantifying Mobility Impact of Pedestrian Hybrid Beacon Signal on Arterial Traffic: Case Study in Tucson, AZ	Xiaofeng Li, Adrian Cottam, Yao-Jan Wu	University of Arizona
Monday	6:00 PM-7:30 PM	P - 1352	Hall A	Emergency Responders	A Framework to Link Crashes to Emergency Medical Service Runs and Trauma Admissions for Improved Highway Safety Monitoring and Crash Outcome Assessment	Abolfazl Karimpour	University of Arizona
Monday	6:00 PM-7:30 PM	P - 1356	Hall A	Safety Data, Analysis, and Evaluation, Act IV: Rollover, Trucks, Wildlife, and Other Crash Circumstances Explored	How is Injury Severity Affected by Driver Errors: a Crash Data Based Investigation	Mohammad Razaur Shaon	University of Arizona
Monday	6:00 PM-7:30 PM	P - 1353	Hall A	Infrastructure-Vehicle Cooperative Automation	Multi-vehicle Trajectory Optimization for Cooperative Adaptive Cruise Control (CACC) Platoon Formation	Qinzheng Wang, Xianfeng Yang, Yun Yuan	University of Utah
Monday	6:00 PM-7:30 PM	P - 1357	Hall A	Intersection Safety in Focus	Examining Driver Injury Severity in Left-turn Crashes Using Hierarchical Ordered Probit Models	Zhao Zhang, Xianfeng Yang	University of Utah
<b>JOIN US AT OUR NITC at TRB 2020 RECEPTION TONIGHT: MONDAY JANUARY 13, 2020 (8 PM – 10:30 PM) AT FADO IRISH PUB</b>							
Tuesday	8:00 AM-9:45 AM	L - 1394	Salon A	Bicycling Toward Equity: Opportunities, Barriers, and Policies for Vulnerable Groups	Bicycling and Bikeshare among Women of Color in 3 US Cities: Barriers and Opportunities	Jennifer Dill, Nathan McNeil, John MacArthur, Joseph Broach	Portland State University
Tuesday	8:00 AM-9:45 AM	L - 1394	Salon A	Bicycling Toward Equity: Opportunities, Barriers, and Policies for Vulnerable Groups	Adaptive Bike Share: Expanding Bike Share to People with Disabilities and Older Adults	John MacArthur, Nathan McNeil, Austin Cummings, Joseph Broach	Portland State University

Tuesday	8:00 AM-9:45 AM	P - 1408	Hall A	Advances in Traffic Monitoring	Evaluating Third-Party Data for Statewide Traffic Volume Estimation	Joseph Broach	Portland State University
Tuesday	8:00 AM-9:45 AM	L - 1362	154	Next-Generation Parking	Linking Residential Parking to Automobile Transportation Impact Outcomes at a Development-Level	Kristina Currans, Gabriella Abou-Zeid, Nicole Iroz-Elardo	University of Arizona, Portland State University
Tuesday	8:00 AM-9:45 AM	P - 1421	Hall A	Multimodal Traffic Signal Control and Field Evaluations	On-line Multimodal Traffic Signal Priority Scheduling at Signalized Intersections Based on the Phase-Time Network Models	Farzana Chowdhury, Peirong (Slade) Wang, Pengfei (Taylor) Li	University of Texas at Arlington
Tuesday	8:00 AM-9:45 AM	P - 1408	Hall A	Advances in Traffic Monitoring	Multi-Stage Algorithm for Detection-Error Identification based on the Detector Station Type	Bahar Azin, Xianfeng Yang	University of Utah
Tuesday	8:00 AM-9:45 AM	P - 1421	Hall A	Multimodal Traffic Signal Control and Field Evaluations	Field Evaluation of Connected Vehicle-based Transit Signal Priority System Under Two Different Signal Base Plans	Qinzheng Wang, Xianfeng Yang	University of Utah
Tuesday	8:00 AM-9:45 AM	P - 1408	Hall A	Advances in Traffic Monitoring	Freeway Traffic Speed Estimation in Traffic Monitoring Systems Using a Hybrid Machine Learning Approach	Zhao Zhang, Xianfeng Yang	University of Utah
Tuesday	8:00 AM-12:00 PM	C - AP020	MM, Union Station (M3)	Emerging and Innovative Public Transport and Technologies Committee	Scouting into a New Era: A Review of Agency Regulations on Shared E-Scooters Programs	Julian Griffee, Kristina Currans, Torrey Lyons, Quinton Fitzpatrick	University of Arizona
Tuesday	10:15 AM-12:00 PM	L - 1474	144A	Methods for Assessing Alternative Delivery Approaches	Electric Vehicle Travelling Salesman Problem with Drone	Avinash Unnikrishnan, Portland State University	Portland State University
Tuesday	10:15 AM-12:00 PM	L - 1465	103A	Where the Rubber Meets the Road: Critical Evaluation of Bikeway Rating Methods and Cyclist Typologies	User-Rated Comfort and Preference of Separated Bike Lane Intersection Designs	Chris Monsere, Nathan McNeil	Portland State University

Tuesday	10:15 AM-12:00 PM	L - 1465	103A	Where the Rubber Meets the Road: Critical Evaluation of Bikeway Rating Methods and Cyclist Typologies	A Grounded Theory Approach to Understanding Bicyclists Interactions on Unprotected Facilities: A Proof of Concept From Munich, Germany	Kelly Clifton	Portland State University
Tuesday	10:15 AM-12:00 PM	L - 1433	154	Enabling Environments for Accessible Transport	The Connection between Investments in Bus Stops, Ridership, and ADA Accessibility	Ja Young Kim, Keith Bartholomew, Arlie Adkins, Divya Chandrasekhar	University of Utah, University of Arizona
Tuesday	10:15 AM-12:00 PM	P - 1495	Hall A	Traffic Signal Control with Connected Automated Vehicle or Trajectory Data	Dynamic Multi-path Signal Progression Control based on Connected Vehicle Technology	Qinzheng Wang, Xianfeng Yang	University of Utah
Tuesday	10:15 AM-12:00 PM	L - 1444	140B	Labor Market Outcomes, Agglomeration, and Transportation Investments	The Effects of Transit and Compactness on Regional Economic Outcomes	Torrey Lyons, Reid Ewing	University of Utah
Tuesday	10:15 AM-12:00 PM	L - 1455	202B	Using Artificial Intelligence to Unlock the Hidden Value of Asset Management Data: Transforming Data into Advanced Decision Making	Panel Discussion - Transforming Data into Advanced Decision Making	Zhuo Chen	University of Utah
Tuesday	1:30 PM-3:15 PM	P - 1552	Hall A	Research Exploiting Urban and Regional Transportation Data	Statistical Evaluation of Data Requirement for Ramp Metering Performance Assessment: A Case Study of SR-51, Arizona	Xiaobo Ma, Abolfazl Karimpour, Yao-Jan Wu	University of Arizona
Tuesday	1:30 PM-3:15 PM	L - 1546	147A	Autonomous Vehicles, Drones, Robots, and Home Delivery	Can Autonomous Delivery Robots Reduce Last Mile Energy Consumption and CO2 Emissions?	Dylan Jennings, Miguel Figliozzi	Portland State University
Tuesday	1:30 PM-3:15 PM	P - 1568	Hall A	Bus Transit Research and Practices, Part 2 (Part 1, Session 1227)	Examining the Impact of Overlapping Bus Services on Dwell Times and Bunching	Travis Glick, Miguel Figliozzi	Portland State University
Tuesday	1:30 PM-3:15 PM	P - 1567	Hall A	Micromobility, Mobility as a Service and Shared Automated Vehicles	A Conceptual Framework for Drivers and Barriers of Mobility-as-a-Service	Nico Larco	University of Oregon
Tuesday	1:30 PM-3:15 PM	L - 1544	145B	First Mile/Last Mile: Transit Access Explorations	Built Environment Criteria for Polycentric Developments: To Reduce Vehicle Use and Increase Walking and Transit Use	Reid Ewing, Sadegh Sabouri, Shima Hamidi	University of Utah, University of Texas at Arlington

Tuesday	1:30 PM-3:15 PM	L - 1522	140B	Big City, Turn on My Phone and Set Me Free: Exploring the Influences on and Influence of Ridesharing in Major Cities	Exploring the Influence of Built Environment on Uber Demand	Sadegh Sabouri, Reid Ewing	University of Utah
Tuesday	1:30 PM-3:15 PM	P - 1566	Hall A	Topics on Transit Capacity and Quality of Service	Transit Economic Equity Index: Developing a Comprehensive Measure of Transit Service Equity	Dong-ah Choi, Torrey Lyons	University of Utah
Tuesday	1:30 PM-3:15 PM	P - 1568	Hall A	Bus Transit Research and Practices, Part 2 (Part 1, Session 1227)	Joint Optimization of Scheduling and Capacity for Mixed Traffic with Autonomous and Human-Driven Buses	Xiaoyue Cathy Liu	University of Utah
Tuesday	1:30 PM-3:15 PM	P - 1563	Hall A	Traffic Signal Systems Using Machine Learning	A Model-based Deep Q-Learning Algorithm for Traffic Signal Timing Control at Isolated Intersections	Yun Yuan, Xianfeng Yang	University of Utah
Tuesday	3:45 PM-5:30 PM	P - 1643	Hall A	Analyzing and Planning the Pedestrian Environment	Measuring Perceptions of Social Environments for Walking: a Systematic Review of Walkability Surveys	Nicole Iroz-Elardo, Arlie Adkins, Maia Ingram	University of Arizona
Tuesday	3:45 PM-5:30 PM	L - 1616	144A	Current Research in Agriculture and Food Transportation	E-Grocery Home Delivery Impacts on Food Access and Equity: a Portland Case Study	Katherine Keeling, Miguel Figliozzi	Portland State University
Tuesday	3:45 PM-5:30 PM	P - 1625	Hall A	Emerging Techniques and Practices for Integrated Multimodal Transportation and Land Use Planning	The Influence of Rail Transit on Development Patterns in the Mountain Mega-Region with Implications for Transit and Land Use Planning	Arthur Nelson, Robert Hibberd	University of Arizona
Tuesday	3:45 PM-5:30 PM	L - 1600	Salon A	Performance Evaluation of Traffic Signal Systems Using Trajectory Data	Multi-Objective Performance Evaluation for Actuated Traffic Signal Systems Using Probe Vehicle Data and High-resolution Traffic Signal Events Data	Pengfei (Taylor) Li, Farzana Chowdhury, Peirong (Slade) Wang	University of Texas at Arlington
Tuesday	3:45 PM-5:30 PM	P - 1630	Hall A	Environmental Justice in Transportation Equity	Accessibility to Healthcare within the Context of the Behavioral Model for Vulnerable Populations	Erin Murphy, Noelle Fields, Vivian Miller, Stephen Mattingly, Dana Hill	University of Texas at Arlington



Tuesday	3:45 PM-5:30 PM	P - 1629	Hall A	Transportation Equity: Cross-Cutting Poster Session	Examining the Feasibility of Shared Mobility Programs for Reducing Transportation Inequities: Perspectives from the Front-line	Sarah Robinson, Kyung(Kate) Hyun, Farah Naz	University of Texas at Arlington
Tuesday	3:45 PM-5:30 PM	P - 1625	Hall A	Emerging Techniques and Practices for Integrated Multimodal Transportation and Land Use Planning	Definitions, Types, and Criteria of Centers in Planning Practice: A Review of 126 Regional Transportation Plans in the U.S.	Sadegh Sabouri, S. Hassan Ameli	University of Utah
Tuesday	3:45 PM-5:30 PM	P - 1496	Hall A	Highway Capacity Manual Uninterrupted Flow	Statewide Hourly Traffic Volume Estimation via XGBoost – A Scalable Tree Boosting System	Zhiyan Yi, Xiaoyue Cathy Liu, Nikola Markovic, Jeff Phillips	University of Utah
Tuesday	6:00 PM-7:30 PM	P - 1653	Hall A	Poster Session on Transportation and Land Development	Nonlinearities in the Relationship Between the Built Environment and Metropolitan Structure with Driving and Walking Modal Share	Jaime Orrego-Oñate, Kelly Clifton	Portland State University
Tuesday	6:00 PM-7:30 PM	P - 1652	Hall A	Emerging Research in Social and Economic Factors of Transportation	Do Immigrants in the U.S. Continue to Rely More on Alternative Modes of Transportation than U.S.-Born Residents?	Sang Wan Lee	Portland State University
Tuesday	6:00 PM-7:30 PM	P - 1653	Hall A	Poster Session on Transportation and Land Development	The (Overlooked) Link between Express Bus Stations and Commercial Rents with Implications for Transit and Land Use Planning	Arthur C. Nelson, Robert Hibberd	University of Arizona
Tuesday	6:00 PM-7:30 PM	P - 1653	Hall A	Poster Session on Transportation and Land Development	The Link between Transit Station Proximity and Mode Choice to Work, Working at Home, Vehicle Ownership, and Transportation Costs with Implications for Transit and Land Use Planning	Arthur C. Nelson, Robert Hibberd	University of Arizona
Tuesday	6:00 PM-7:30 PM	P - 1653	Hall A	Poster Session on Transportation and Land Development	Street-level Urban Design Features, Walkability and Property Values: A Multilevel Analysis in New York City, NY	Shima Hamidi, Muhammad Qaisrani, Reid Ewing	University of Texas at Arlington, University of Utah

Tuesday	6:00 PM-7:30 PM	P - 1654	Hall A	Traffic Flow Theory and Characteristics, Part 1 (Part 2, Session 1655; Part 3, Session 1656; Part 4, Session 1760; Part 5, Session 1761)	Freeway Traffic State Estimation with Mixed Connected Automated Vehicles and Human-driven Vehicles	Xianfeng Yang, Zhehao Zhang, Yun Yuan	University of Utah
Tuesday	6:00 PM-7:30 PM	P - 1653	Hall A	Poster Session on Transportation and Land Development	Traffic Generated by Mixed-Use Developments—a Follow-Up 31-Region Study Using Consistent Built Environment Measures	Reid Ewing	University of Utah
Tuesday	6:00 PM-7:30 PM	P - 1656	Hall A	Traffic Flow Theory and Characteristics, Part 3 (Part 1, Session 1654; Part 2, Session 1655; Part 4, Session 1760; Part 5, Session 1761)	Probabilistic Stationary Queuing Model at Signalized Intersections Experiencing Potential Downstream Queue Spillover	Xianfeng Yang, Xiaoyue Cathy Liu	University of Utah
Wednesday	8:00 AM-9:45 AM	P - 1694	Hall A	Public Transportation Demand: Explorations of Traveler Response and Traveler Characteristics	Spatial and Temporal Differences in Weekday Travel Durations between Private-for-Hire Transportation Services and Transit in the City Center	Kelly Clifton, Baxter Shandobil, Ty Lazarchik	Portland State University
Wednesday	8:00 AM-9:45 AM	P - 1686	Hall A	Parking Space: Recent Research in Parking Topics	How are Uber/Lyft Shaping Municipal On-Street Parking Revenue?	Benjamin Clark, Anne Brown	University of Oregon
Wednesday	8:00 AM-9:45 AM	P - 1690	Hall A	Health, Transportation, and Emerging Research	Integrated Impact Assessment of Active Travel: Expanding the Scope of the Health Economic Assessment Tool (HEAT) for Walking and Cycling	Thomas Götschi	University of Oregon
Wednesday	8:00 AM-9:45 AM	P - 1690	Hall A	Health, Transportation, and Emerging Research	Role of Transportation and Urban Design to the Health Impacts: A case study of Dallas-Fort Worth, Texas	Shirin Rad, Mehrdad Arabi, Kyung(Kate) Hyun, Stephen Mattingly	University of Texas at Arlington
Wednesday	8:00 AM-9:45 AM	P - 1690	Hall A	Health, Transportation, and Emerging Research	Compact Development and BMI: Environmental Determinism or Self-Selection?	Shima Hamidi, Reid Ewing	University of Texas at Arlington, University of Utah
Wednesday	8:00 AM-9:45 AM	P - 1686	Hall A	Parking Space: Recent Research in Parking Topics	ITE Guideline versus Actual Trip and Parking Generation: Evidence from a Transit-oriented Development in an Auto-oriented Region	Shima Hamidi, Roya Etminani, Reid Ewing	University of Texas at Arlington, University of Utah

Wednesday	8:00 AM-9:45 AM	P - 1686	Hall A	Parking Space: Recent Research in Parking Topics	Parking Occupancy and Shared Parking: Comparative Case Studies of Parking Reduction at Transit-Oriented Developments in the U.S.	Reid Ewing, Keuntae Kim, Sadegh Sabouri	University of Utah
Wednesday	2:30 PM-4:00 PM	P - 1483	Hall A	Novel Use of Economic Analysis in Decision Making	Impact of Transit on Multifamily Property Values: A Meta-Analysis	Amanda Dillon, Reid Ewing	University of Utah
Wednesday	2:30 PM-4:00 PM	P - 1760	Hall A	Traffic Flow Theory and Characteristics, Part 4 (Part 1, Session 1654; Part 2, Session 1655; Part 3, Session 1656; Part 5, Session 1761)	Modeling System Dynamics for Mixed Traffic with Partially Connected and Automated Vehicles	Xianfeng Yang	University of Utah
Thursday	8:00 AM-12:00 PM	W - 1781	202A	Pedestrian Safety, Accessibility, and Harassment: Experiences Across Age, Race, Class, Ability, and Gender	Policing and Pedestrians: On-street Conversations about a Complicated Relationship	Arlie Adkins	University of Arizona