



January 10-14, 2010  
Washington, DC

*OTREC faculty and students are presenting in or presiding over more than 30 sessions at the Transportation Research Board's 2010 Annual meeting. On the lighter side, the Region X Consortium Reception will be held on Monday evening!*

Date	Workshop Number	Workshop Name	Workshop Leader (Univ.)	Workshop Description
Sat. 1/9	HF-H	<b>Workshop</b> (9am to 6pm): Highway Safety Manual Introductory Training	Karen Dixon (OSU)	Attendees will become familiar with the specific structure and content of the HSM, understand how and when to apply methods in the HSM and experience hands-on examples.
Sun. 1/10	106	<b>Workshop</b> (9am to noon): Improving University Pedestrian and Bicycle Transportation Education	Lynn Weigand (PSU)	Workshop provides information about existing courses; explores challenges to and opportunities for offering courses; fosters dialogue about how university educators can work with practitioners to instruct future professionals.
Sun. 1/10	157	<b>Workshop</b> (1:30 to 4:30pm): Understanding the Link Between Transportation and Public Health	Jennifer Dill (PSU)	Topics include linkages between environments, policies, and active transportation best available measures; ways to improve large-scale surveys to assess both health and travel data.

Date	Session Number	Session Name	Authors (Univ.)	Title of Talk	Paper Number
<b>Monday, January 11</b>	216	Embracing Change: Flexibility, Accessibility, and Efficiency in Airport Terminal Design and Operations	Kate Hunter-Zaworski (OSU)	Accessibility in Airport Terminal Design and Operations--Part B	(10-0424)
	286	Public Transportation Planning and Development: Key Trends, Issues, and Potential Areas for Improvement	Ashley Haire (PSU)	Regional and Modal Variability in Gasoline Price Effects on U.S. Transit Ridership	(10-1019)
	315	Improving Wayfinding, Bus Stop Access, and Wheelchair Securement	Brian Rurick, Joseph Hunter-Zaworski, Kate Hunter-Zaworski (OSU)	Wheelchair Analysis for Rear-Facing Containment Systems	(10-1377)
	320	Freeway Operations	Wei Feng, Alex Bigazzi, Sirisha Kothuri (PSU)	Assessing Impacts of Freeway Sensor Spacing and Probe Vehicle Penetration on Travel Time Estimation Accuracy for Traveler Information and Traffic Management	(10-2312)
	322	Improving Pedestrian Safety	Jennifer Dill, Lynn Weigand (PSU)	Incorporating Bicycle and Pedestrian Topics in University Transportation Courses: National Scan	(10-2636)
	327	Freight Transportation Economics, Planning, and Logistics	Miguel Figliozzi (PSU)	Study of Transportation Disruption Causes and Costs	(10-4109)
	343	Impacts of Weather on Surface Transportation, Part 2 (Part 1, Session 296)	Meead Saber (PSU)	Empirical Analysis of the Effects of Rain on Measured Freeway Traffic Parameters	(10-2331)
	366	Enhancing Students' Understanding of Core Concepts in Transportation	Ida Van Schalkwyk (OSU)	Need to Develop Core Concepts and Learning Outcomes for Introductory Transportation Engineering Course	(10-3946)
	379	Intelligent Transportation Systems	Christopher Monsere (PSU)	Bayesian Models for Reidentification of Trucks over Long Distances Based on Axle Measurement Data	(10-0032)
	6:00pm	<b>Region X Consortium Reception</b>	<b>Stone's Throw Dining Room at the Marriott, 6:00-7:30pm</b>		

Date	Session Number	Session Name	Authors (Univ.)	Title of Talk	Paper Number
Tuesday, January 12	428	Bicycles and Infrastructure, Operations, and Safety	Jennifer Dill (PSU)	Infrastructure, Programs, and Policies to Increase Bicycling: International Review	(10-0824)
	428	Bicycles and Infrastructure, Operations, and Safety	Miguel Figliozi (PSU)	Statistical Analysis of Bicycle Rider Performance: Impact of Age and Gender on Riders' Performance at Signalized Intersections	(10-4115)
	450	Roadway Management Systems for Low-Volume Roads	David Sillars and Nicholas Tymvios (OSU)	Field Investigation of Fish Passageway Success Factors in Oregon	(10-1641)
	494	Network Origin-Destination Demand Estimation and Route Choice Behavior	Joseph Broach, John Gliebe, Jennifer Dill (PSU)	Calibrated Labeling Method for Generating Bicyclist Route Choice Sets Incorporating Unbiased Attribute Variation	(10-3610)
	510	Urban Freight Transportation	Miguel Figliozi (PSU)	Algorithms and Methodologies to Analyze and Quantify Impacts of Congestion on Time-Dependent Real-World Urban Networks	(10-4113)
	530	Intersection Design: Safety and Operational Effects	Karen Dixon (OSU)	Measurement and Comparison of Acceleration and Deceleration Zones at Traffic-Controlled Intersections	(10-0510)
	533	Motorcycles and the Roadway and Roadside, Part 2	Stephen Garets (OSU)	Panel Discussion/Roundtable	(10-0724)
	542	Climate Change and Disasters: Transportation Framework and Analysis	Miguel Figliozi (PSU)	Quantifying and Analyzing Costs of Climate Change on Transportation Infrastructure: Case Study from Portland, Oregon	(10-4112)
	550	Innovative Management and Applications of Archived ITS Data	Jerzy Wieczorek and Rafel Fernandez-Moctezuma (PSU)	Techniques for Validating an Automatic Bottleneck Detection Tool Using Archived Freeway Sensor Data	(10-3238)
	550	Innovative Management and Applications of Archived ITS Data	Kristin Tuft (PSU)	Portal 2.0: Toward a Next-Generation Archived Data User Service	(10-3522)
	568	Road Safety Modeling	Hong Zhu and Karen Dixon (OSU)	Single-Vehicle Fatal Crash Prediction for Two-Lane Rural Highways in the Southeastern United States	(10-3682)
	568	Road Safety Modeling	Christopher Monsere (PSU)	Impact of Traffic Oscillations on Freeway Crash Occurrences	(10-1809)
Wednesday, January 13	594	Charting the Course for the AASHTO Highway Safety Manual	Karen Dixon (OSU)	Working with Accident Modification Factors	(10-0711)
	668	Transit and Freight Network Models	Miguel Figliozi (PSU)	Emissions Minimization Vehicle Routing Problem	(10-4117)
	683	Activity and Travel Decision Processes	John Gliebe and HiHong Kim (PSU)	Time-Dependent Utility in Activity and Travel Choice Behavior	(10-4053)
	690	Innovations in Transportation Network Modeling	Joseph Broach, John Gliebe, Jennifer Dill (PSU)	Calibrated Labeling Method for Generating Bicyclist Route Choice Sets Incorporating Unbiased Attribute Variation (10-3610)	(10-1259)
	690	Innovations in Transportation Network Modeling	Miguel Figliozi (PSU)	Emissions Minimization Vehicle Routing Problem (10-4117)	(10-1278)

*In addition to our students and faculty, some members of OTREC's Board of Advisors (and their alternates) are involved in TRB sessions as well as committees:*

- **Susie Lahsene (Port of Portland)** is chair of the Freight Modeling Subcommittee (AT015-1), which meets on Tuesday from 7:30-9:30pm.
- **Randy McCourt (DKS Associates)** is presenting papers in sessions 149 (Sunday afternoon workshop on Parking Standards) and 258 (Monday morning session on Active Traffic Management).
- **Scott Drumm (Port of Portland)** is chair of the Freight Transportation Data Committee (ABJ90), which meets on Monday from 7:30-9:30pm; he is also presiding over sessions 611 and 679 on Wednesday.
- **Pete Briglia (TransNow)** is chair of the Operations Section Executive Board, which meets on Monday afternoon.

*For questions about OTREC or its presence at TRB, please contact Jon Makler ([makler@otrec.us](mailto:makler@otrec.us) or 503-725-2842)*