

Many of our Mineta Transportation Institute Research Associates will be participating in the 2018 Transportation Research Board Annual Meeting in January. In addition to the events listed below, MTI will be celebrating our three award winners during the annual Council of University Transportation Centers banquet on Saturday, January 6.

- **Will Kempton** will be recognized with the Lifetime Achievement Award for Transportation Professional and Public Service for his tremendous contributions to the transportation profession.
- **Bill Chapin** will receive the Neville A. Parker Award for his masters project report titled "[*Parking Spaces to Living Spaces: Reform and Housing Affordability in Central San Francisco.*](#)"
- **Aaron Vogel** will receive a CUTC Student of the Year Award. He is currently a graduate student in our M.S. in Transportation Management Program.

For more information about MTI's activities during the TRB Annual Meeting, please contact Dr. Hilary Nixon, Director of Research and Technology Transfer at hilary.nixon@sjsu.edu.

Mineta Transportation Institute @ Transportation Research Board Annual Meeting January 7 – 11, 2018 Washington, D.C.

Sunday, January 7

Time	Event #	Location	Session Title	Presentation Title	Research Associate(s)
9 a.m.-12 p.m.	Workshop 139	150A	U.S. DOT's Mobility on Demand Initiative: Moving the Economy with Innovation and Understanding, Part 1	(Presiding)	Susan Shaheen
1:30-4:30 p.m.	Workshop 185	150A	U.S. DOT's Mobility on Demand Initiative: Moving the Economy with Innovation and Understanding, Part 2	(Presiding)	Susan Shaheen
1:30-4:30 p.m.	Workshop 156	147B	2020–2025 Resilience Research Road Map	Setting the Stage: Recent Resilience Research	Anurag Pande

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Monday, January 8

Time	Event #	Location	Session Title	Presentation Title	Research Associate(s)
8:00 a.m.-9:45 a.m.	Lectern 232	143A	Train Energy Efficiency: Optimal Operating Strategies	Feedforward Tactical Optimization for Energy-Efficient Operation of Freight Trains: Swiss Case	Andrew Nash
8:00 a.m.-9:45 a.m.	Lectern 207	140B	Inequalities and Automobile Ownership	Reducing Rural Car Ownership: Cultural Not Policy Changes?	Gregory Newmark
10:15 a.m.-12:00 p.m.	Subcommittee AP020	Marriott Union Station	Shared-Use Vehicle Public Transport Systems Subcommittee, AP020(1)	(Presiding)	Susan Shaheen
10:15 a.m.-12:00 p.m.	Lectern 260	151B	Where to Go with Transportation Taxes? Past Evidence and Future Visions	(Presiding)	Asha Weinstein Agrawal
10:15 a.m.-12:00 p.m.	Poster 304	Hall E	Innovations in Transportation Demand Management	New and Unique Aspects of University Campus Transportation Data to Improve Planning Methods	Billy Riggs & Bruce Appleyard
10:15 a.m.-12:00 p.m.	Poster 310	Hall E	Latest in Bicycle and Pedestrian Data Research	The Convergence of Smartphone Apps and Competition to Increase Cycling	Billy Riggs
10:15 a.m.-12:00 p.m.	Lectern 260	151B	Where to Go with Transportation Taxes? Past Evidence and Future Visions	Arguing Over Sales Taxes for Transportation: Analysis of Ballot Statements	Brian Taylor & Martin Wachs
10:15 a.m.-12:00 p.m.	Lectern 260	151B	Where to Go with Transportation Taxes? Past Evidence and Future Visions	Lessons Learned from 40 Years of Local Option Transportation Sales Taxes in California	Brian Taylor & Martin Wachs
1:30-3:15 p.m.	Poster 376	Hall E	Current Trends and Opportunities in Transportation Funding and Financing	What Do Americans Think About Federal Tax Options to Support Transportation? Results from Year 8 of a National Survey	Asha Weinstein Agrawal & Hilary Nixon
1:30-3:15 p.m.	Poster 376	Hall E	Current Trends and Opportunities in Transportation Funding and Financing	Finding Support for "Green" Transportation Taxes: Should We Look for Supportive Places or Supportive People?	Manish Shirgaokar, Asha Weinstein Agrawal & Hilary Nixon

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Time	Event #	Location	Session Title	Presentation Title	Research Associate(s)
1:30-3:15 p.m.	Poster 380	Hall E	Transportation Issues in Cities	Public Transit and Walking: What Role for Immigrant Neighborhoods?	Evelyn Blumenberg
3:45 p.m.-5:30 p.m.	Lectern 439	147A	Truck Parking: Research and Evaluation of Solutions	Truck Parking Forecasting and Error Correction Using a Fourier Method: A Case Study of the I-5 in California	Susan Shaheen
3:45 p.m.-5:30 p.m.	Poster 446	Hall E	Frontiers in Social and Economic Factors of Transportation	Vehicle Loan Financing in Low-Income and Minority Households	Evelyn Blumenberg, Brian Taylor & Martin Wachs
3:45 p.m.-5:30 p.m.	Subcommittee AP065	Marriott Woodley Park	International Rail Transit Subcommittee, AP065(2)	(Presiding)	Gregory Newmark
3:45 p.m.-5:30 p.m.	Lectern 408	146A	Improving Road Travel Fuel Efficiency and Emissions, Part 1: Effective Technologies and Their Implications	The Joint Effects of Income, Vehicle Technology, and Transit-Oriented Development on Greenhouse Gas Emissions	Marlon Boarnet
3:45 p.m.-5:30 p.m.	Lectern 400	150B	Accessible Transit Connectivity and Equity: Local to Global Approaches	Improving Pathways to Fixed-Route Transit: Transit Agency Practices to Expand Access for All Users	Stephanie DiPetrillo & Anastasia Loukaitou-Sideris
6:00-7:30 p.m.	Subcommittee ABE70	Marriott Independence H	2019 Women's Issues in Transportation Conference Subcommittee, ABE70(1)	(Presiding)	Asha Weinstein Agrawal

Tuesday, January 9

Time	Event #	Location	Session Title	Presentation Title	Research Associate(s)
8:00 a.m.-9:45 a.m.	Poster 519	Hall E	Perspectives on Transportation and Sustainability	"Doing the Right Things" Rather Than "Doing Things Right": A Conceptual Transportation and Land Use Framework for Livability, Sustainability, and Equity in the Era of Driverless Cars	Billy Riggs & Bruce Appleyard

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Tuesday, January 9

Time	Event #	Location	Session Title	Presentation Title	Research Associate(s)
8:00 a.m.-9:45 a.m.	Poster 519	Hall E	Perspectives on Transportation and Sustainability	Carless in Car Heaven: A Comparison of German and Californian Households	Jean-Daniel Saphores
8:00 a.m.-9:45 a.m.	Poster 518	Hall E	Data-Driven Approaches to Planning a Sustainable and Resilient Future	Quantifying the Sustainability, Livability, and Equity Performance of Urban and Suburban Places in California	Bruce Appleyard
8:00 a.m.-9:45 a.m.	Poster 513	Hall E	Current Issues in Transportation and Air Quality	Quantifying the Impact of Designated Truck Lane on Vehicular Emissions	Anurag Pande
8:00 a.m.-9:45 a.m.	Lectern 470	152B	From Boom to Boom and Beyond: The History of Bicycle Transportation and Planning in the United States, 1890s to the Present	(Discussant)	Martin Wachs
8:00 a.m.-9:45 a.m.	Lectern 470	152B	From Boom to Boom and Beyond: The History of Bicycle Transportation and Planning in the United States, 1890s to the Present	(Presiding)	Bradley Flamm
8:00 a.m.-9:45 a.m.	Lectern 586	147A	Gender-Specific Travel Needs, Preferences, and Decisions	Sociopsychological Framework to Operationalize Gender-Based Transportation Preferences: Incorporating Time Budgets and Risk Averseness	Manish Shirgaokar
10:15 a.m.-12:00 p.m.	Lectern 530	152A	Evacuating Pedestrians and Carless Individuals During Disasters	Bridging Troubled Water: Evacuations and the Sharing Economy	Susan Shaheen
10:15 a.m.-12:00 p.m.	Lectern 547	Salon A	Diets, Diamonds, and Daring New Ideas for Intersections	Designing Road Diet Evaluations: Lessons Learned from San José's Lincoln Avenue Road Diet	Hilary Nixon & Asha Weinstein Agrawal
10:15 a.m.-12:00 p.m.	Lectern 550	207A	The Electrification, Automation, and Shared Mobility Revolutions: Getting Lawyers Comfortable Thinking Outside the Box	(Panelist)	Billy Riggs

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Time	Event #	Location	Session Title	Presentation Title	Research Associate(s)
10:15 a.m.-12:00 p.m.	Poster 566	Hall E	Current Issues in Transportation Energy	New Pathways Toward Zero-Carbon Campus Commuting: Innovative Approaches in Measuring, Understanding, and Reducing Greenhouse Gas Emissions	Bruce Appleyard
10:15 a.m.-12:00 p.m.	Poster 578	Hall E	Rail Transit: 360-Degree View	Partly Built Rail Transit Projects of the 1920s and 1930s	Gregory Newmark
1:30-3:15 p.m.	Poster 653	Hall E	Transit Capacity and Quality of Service	Transit Stop Consolidation	Maaza Mekuria
1:30-3:15 p.m.	Poster 651	Hall E	Economic and Optimization Models for Integrated Service Planning	Application of a Cost-Allocation Model to Swiss Bus and Train lines	Andrew Nash
1:30-3:15 p.m.	Poster 657	Hall E	Transit Networks: Design and Assessment	Synergistic Effects of Transit and Nonmotorized Transportation Infrastructure on Commuting Behavior in Seven Cities in the United States	Kunhee Choi
1:30-3:15 p.m.	Lectern 624	143A	Freight Rail Propulsion: Where Does the Energy Come From?	The Life and Death of North American Rail Freight Electrification	Gregory Newmark
1:30-5:30 p.m.	Committee	Marriott Liberty J	Transportation History Committee	(Presiding)	Asha Weinstein Agrawal
3:45 p.m.-5:30 p.m.	Lectern 697	145B	Integrating Big Data into the Public Transit Service Planning Process	What Determines Travel Demand by Bus in the United States? A National Study at Metropolitan Statistical Area Level	Bhuiyan Alam
3:45 p.m.-5:30 p.m.	Lectern 697	145B	Integrating Big Data into the Public Transit Service Planning Process	What Determines Travel Demand by Bus in the United States? A National Study at Metropolitan Statistical Area Level	Hilary Nixon
3:45 p.m.-5:30 p.m.	Poster 709	Hall E	Latest Research in Metropolitan Policy, Planning, and Processes	Local Governments and the Land Use–Transportation Connection: Statewide Survey Results from California	Gian-Claudia Sciara
3:45 p.m.-5:30 p.m.	Poster 728	Hall E	Emerging Trends and Models in Demand-Responsive Transportation	Older Adults and Transportation Preferences: Results from a Community Survey and Interviews	Jeffrey Brown

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Time	Event #	Location	Session Title	Presentation Title	Research Associate(s)
8:00 a.m.-9:45 a.m.	Poster 780	Hall E	Evaluating Driving Simulators and Advanced Driver Assistance Systems	Evaluation of PC-Based Virtual Reality as a Tool to Analyze Pedestrian Behavior at Midblock Crossings	Anurag Pande
8:00 a.m.-9:45 a.m.	Poster 787	Hall E	Insights on Streetcar Priority and Accessibility	(Presiding)	Jeffrey Brown
8:00 a.m.-9:45 a.m.	Poster 782	Hall E	Cycling Demand and Cyclist Behavior	Bicycling Among University Campus Residents: A Policy-Oriented Analysis	Gregory Newmark
2:30 p.m.-4:00 p.m.	Poster 863	Hall E	Behavioral Route Choice	Pedestrian Use of Urban Alleys: Analyzing Plans and Surveying Route Choice	Billy Riggs
2:30 p.m.-4:00 p.m.	Lectern 852	I 43C	Innovations in Light Rail Operations, Safety, and Infrastructure	Wireless Electric Propulsion Light Rail Transit Systems in Spain	Andrew Nash
2:30 p.m.-4:00 p.m.	Poster 860	Hall E	Transportation Infrastructure Security and Resilience	Emergence of Resilience as a Framework for Transportation Agencies	Anurag Pande