

ITS Berkeley Director's Letter

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The Institute of Transportation Studies Berkeley packed Cuba Libre Rum Bar and Restaurant at our annual reception at the National Academies of Medicine Engineering and Science's Transportation Research Board Annual Meeting in Washington D.C. January 12, 2020.



Dear Friends and Colleagues,

Welcome back to our Faculty, Staff, and Students! I hope you all had a restive break and for those of you who attended the Transportation Research Board Annual Meeting in Washington D.C., I hope you have recovered.

TRB can be an overwhelming dive into Transportation research in a compact environment, but it is such a great opportunity to learn and network, and it was good to see all of you there. [It is very exciting this year to see research from 89 faculty, staff and students from UC Berkeley and Berkeley Lab represented throughout the meeting, and so many of our ITS Berkeley people made presentations of posters and talks and led sessions and committees.](#) In addition, Professor Joan Walker received the Zephyr Leadership Award, recent alum Timothy Brathwaite earned first place for the Eric Pas Dissertation Award, doctoral student Madeleine Parker was awarded Best Paratransit Paper Award from the Paratransit Committee, doctoral student Pavan Yedavalli earned Best Poster Presentation at the Dwight D. Eisenhower Transportation Fellowship Poster Showcase, ITS Associate Director Daniel Rodriguez co-authored the winning paper that won the Pedestrians Committee Best Paper Award for Safety and Data, TSRC Co-Director Susan Shaheen joined the TRB Executive Committee as vice chair, and Shaheen and TSRC Researcher Adam Cohen joined the Inaugural Transportation Research Record: Journal of the Transportation Research Board Editorial Board. In between presentations and awards, ITS Berkeley hosted a reception at Cuba Libre Restaurant and Rum Bar on Sunday night for our alumni and our friends. It was so great to see everyone there, we really packed the house and everyone had a really good time at this new venue. Right after TRB, [Lee Schlooper Memorial Scholarship for Sustainable Transport and Energy Efficiency recipient Teddy Fancher presented his research at the Transforming Transportation 2020](#) Jan. 17, 2020 at World Bank Headquarters in Washington, DC. The impact of ITS Berkeley on TRB and transportation research is a great legacy which we intend to continue.

While many were wrapping up TRB and returning from the break, [ITS Berkeley was excited to host His Excellency Philippe Etienne Ambassador of France in the US on Jan. 14, 2020 for an ITS Distinguished Seminar](#), where he presented Tech for Good: A French vision for the 4th Industrial Revolution. Despite that the academic year had not begun yet, over 200 students, faculty (including over five National Academy members) and guests from the public came to hear the talk. In case you missed the lecture, we did record the [seminar](#). In addition, ITS Berkeley hosted lunch at the Faculty Club with over 15 French and Francophone professors across three different colleges, where the Ambassador heard about the France Berkeley Fund, an update on UC Berkeley partnerships with France, and topics of strategic importance to UC, followed by a session at the Physics Department, including a tour of the Centre Pierre Binétruy with Nobel Laureate Saul Perlmutter.

With one seminar done, we have another great lineup of speakers for the ITS Berkeley Transportation seminar. [Look at our calendar to see upcoming speakers and topics.](#) I hope to see at one of these seminars! With the semester starting with a gallop, I hope you are all re-energized, and I look forward to seeing what the rest of the semester brings!

Go Bears,

Alexandre Bayen  
Director of Institute of Transportation Studies  
Liao-Cho Professor of Engineering

## HEADLINES



Transportation Sustainability Research Center Co-Director Susan Shaheen talks about [Share Now is the Latest Car-Share Service to Fold](#) at Wired.



City and Regional Planning Associate Professor Karen Trautenberg Frick talks about [Why is it so hard for the Bay Area to build megaprojects?](#) to SF Curbed.



Doctoral student Stephen Wong and his advisors Susan Shaheen and Joan Walker create [Survey to ask East Bay residents how they would deal with wildfire, evacuations, power shutdowns](#), as reported by East Bay Times.



ITS Director Alexandre Bayen talks about [Is trying to work the future of commuting? link is external](#) in a video interview at CBC News. Or read the story [Soaring above the gridlock: On-demand airlines take commuters to the skies](#) at CBC News.



PATH's Steven Shladover comments on [Are self-driving cars a solution for Bellevue? An East Coast test shows their promise and challenges](#) at the Seattle Times.



ITS affiliate professor Jasenka Rakas talks about [Bay Area super-commuters take to the skies in planes, helicopters](#) at the San Francisco Chronicle.

## EVENTS

January 29, 2020 4 p.m.

**Mobility on Demand (MOD) and Mobility as a Service (MaaS): Early Understanding**  
126 Barrows

Transportation Sustainability Research Center Co-Director Susan Shaheen will present Mobility on Demand (MOD) and Mobility as a Service (MaaS): Early Understanding on Wednesday, January 29, 2020 at 4-5:30 p.m. in 126 Barrows Hall.

January 31, 2020 4 p.m.

**Building Principles Decision Procedures for Urban Transit and Emergency Response Services**  
290 Hearst Memorial Mining Building

Vanderbilt University's Abhishek Dubey will present Building Principled Decision Procedures for Urban Transit and Emergency Response Services at the ITS Transportation Seminar Jan. 31, 2020 at 4 p.m. in 290 Hearst Memorial Mining Building. Join us for cookies and beverages at 3:30 p.m.

February 7, 2020 4 p.m.

**Aerial Co-robots of the Future: Safety, Intelligence, Certification**  
290 Hearst Memorial Mining Building

University of Illinois at Urbana-Champaign's Naina Hovakimyan will present Aerial Co-robots of the Future: Safety, Intelligence, Certification at the ITS Transportation Seminar Feb. 7 at 4 p.m. in 290 Hearst Memorial Mining Building. Join us for cookies and beverages at 3:30 p.m.

February 21, 2020 4 p.m.

**What civil engineers and planners should know about building infrastructure in the real world: Lessons from Rwanda**  
290 Hearst Memorial Mining Building

Permanent Secretary for Rwanda's Ministry of Infrastructure Paricle Uwase will present What civil engineers and planners should know about building infrastructure in the real world: Lessons from Rwanda at the ITS Transportation Seminar and Global Metropolitan Studies Lecture Series at 4 p.m. Feb. 21, 2020 in 290 Hearst Memorial Mining Building. Join us for cookies and beverages at 3:30 p.m.

February 28, 2020 4 p.m.

**Dynamic Pricing for Toll Lanes**  
290 Hearst Memorial Mining Building

Global Head of Machine Learning & Science at Amazon Web Services Robert Phillips will present Dynamic Pricing for Toll Lanes on Feb. 28 2020 at 4 p.m. at the ITS Transportation Seminar in 290 Hearst Memorial Mining Building. Join us for cookies and beverages at 3:30 p.m.

## NEWS



[ITS Berkeley Earns Accolades at TRB 2020](#)



[ITS Berkeley Welcomes French Ambassador](#)



[Fancher Presents at Transforming Transportation 2020](#)



[UCB SafeTREC Receives \\$3.64 Million in OTS Grants](#)



[BAIR/BDD Fall Workshop](#)



[Liaman Leads Hyperloop Fireside Chat](#)



[UC ITS Leads Major Carbon-Neutral Transportation Study](#)

## Publications



[Researcher link weight gain, inactivity to vehicle ownership in Beijing](#)



[Impacts of Green New Deal Energy Plans on Grid Stability Costs, Jobs, Health, and Climate in 143 Countries](#)



[Study Reveals Life Expectancy Inequalities in Six Large Latin American Cities](#)

## KUDOS

If you would like to share a [kudos](#), email [kudos@berkeley.edu](mailto:kudos@berkeley.edu) to let everyone know about the good work ITS and Center employees are doing!

Lending a hand  
Volunteers  
Kudos and thanks to all of the students who were around and volunteered their help on the day of the Ambassador's visit, we couldn't have done it without them!

TRB Reception Support  
Volunteers  
Thank you to students Jessica Lazarus, Kenji Anzai, Serval Lapardhaja, Jiajun Lu, Jonathan Kupter, and Anu Kunchesha for helping out and greeting guests at the ITS Berkeley reception at TRB Sunday, Jan. 12, 2020! You helped make our reception a great success!

TRB Communications  
Lisa Peterson and Amanda Cairo  
Kudos to SafeTREC's Lisa Peterson and ITS's Amanda Cairo for all the TRB communications in Washington DC!



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