

ITS Berkeley Director's Letter

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Dear Colleagues and Friends,

Welcome back to the Spring Semester! We are starting off the new year with new projects and great enthusiasm. I am excited to see our partnership with the Department of Energy, Berkeley National Laboratory and several other national labs take shape with the Systems and Modeling for Accelerated Research in Transportation (or SMART) Mobility initiative. We will be focusing on five primary research thrusts, including 1) behavioral and decision science, 2) connectivity and automation, 3) integrated multi-modal transportation systems, 4) urban science, and 5) vehicles and infrastructure. NREL is collaborating with other national labs across the country on this initiative. I look forward to updating you on our progress and projects as they develop!

At the beginning of this month, ITS Berkeley was well represented when several ITS faculty and staff joined now former U.S. Department of Transportation Anthony Fox in San Francisco to announce federal funding for six innovative projects in San Francisco aimed to reduce traffic congestion and creating a safer and more efficient transportation system as part of the USDOT's Advanced Transportation and Congestion Management Technologies Deployment program. Transportation Sustainability Research Center Co-Director Susan Shaheen will lead traffic congestion management research at ITS Berkeley for this project. I look forward to seeing the results of this new project that came from our Smart City Challenge proposal and partnership with the City of San Francisco.

I am also pleased to announce that Partners for Advanced Transportation Technology's Connected Corridors has been designated as a Beyond Traffic Innovation Center (BTIC). These Centers will be recognized by the DOT as forward-thinking and influential institutions that are capable of driving solutions to the challenges identified in Beyond Traffic by convening decision-makers in their megaregion and coordinating related research, curriculum, outreach, and other activities. Congratulations to Connected Corridors!

And as usual, we started the year off with another successful Transportation Research Board Annual Meeting! Over 40 faculty, students, and researchers presented or had work in over 70 sessions, in addition to a large number of students and staff who attended sessions. We also had a chance to reconnect with alumni and friends at the our ITS Berkeley reception. We had a tremendous crowd, and it was so good to see everyone! We hope to build better connections in the future and see where our alumni, friends and affiliates are now!

As you can see we have accomplished so much this semester, and I look forward to what's to come next!

Stayed tuned, and Go Bears!

Alexandre Bayen  
ITS Director

HEADLINES

- Transportation Sustainability Research Center Co-Director Susan Shaheen talks to Move Forward about College Clearing in Reducing Current and Future Vehicle Ownership
- Transportation Sustainability Research Center's Adam Stocker talks to BBC about Pretend you're in The Italian Job or get the bus?
- Safe Transportation and Research Center research featured about Fatal accidents more likely to affect obese drivers research finds
- Transportation Sustainability Research Center research featured in World Street about Smart Phone Applications Primer: Transforming Mobility
- ITS Director Alexandre Bayen and Professor Robert Cervero talk to City Lab about Imagining a Traffic-Free Future by Sending Driverless Cars Underground
- Daniel Chatman, a UC Berkeley city planning professor who studies transit, talks to SF Chronicle about Chart to add 50 vans, increase shuttle frequency, add routes

NEWS



Spring Transportation Seminar



ITS Fox Announces \$11 Million Grant



See ITS Berkeley at the TRB Annual Meeting

EVENTS

ITS Berkeley features a weekly Friday Transportation Seminar featuring leading researchers and practitioners in the transportation field.

Friday, Feb. 3: Dan Work, UIUC, will present Traffic Estimation and Control in an Era of Mixed Human, Pooled and Automated Vehicles at 4 pm in 290 Hearst Memorial Mining Building. Join us for beverages and beverages at 3:30 pm.

Friday, Feb. 10: Andreas Malkopoulos, University of Delaware, will present Coordinated Decentralized Optimal Control for Connected and Automated Vehicles at 4 p.m. in 290 Hearst Memorial Mining Building. Join us for beverages and cookies at 3:30 p.m.

Friday, Feb. 17: Costa Samaras, Carnegie Mellon, will present Rethinking the Energy, Environmental and Safety Cases Towards Transportation Automation and Electrification at 4 p.m. in 290 Hearst Memorial Mining Building. Join us for beverages and cookies at 3:30 p.m.



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