



METRANS on the Move:  
Our Weekly Newsletter for Students



The winning team at the 2019 CTF Transportation Education Symposium.  
Photo Credit: Eric Shen

Readers, welcome to this week's issue of METRANS on the Move! This newsletter is a team effort to foster knowledge and opportunities related to transportation. If you have suggestions for content – events, scholarships, jobs, and more – that you'd like to see included, just reach out to our Publisher, Danielle Dirksen, at [ddirksen@usc.edu](mailto:ddirksen@usc.edu). Enjoy this week's issue, and click the button below to subscribe!

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In the News

The articles in this newsletter are prepared or accomplished by others in their personal capacity. The opinions expressed are the author's own and do not necessarily reflect the views of METRANS or its partners.



METRANS Mentor Program Kicks Off With Mentoring For Success  
by Reagan Murphy, USC Price Master of Urban Planning Student

On Tuesday, September 24th, in the USC Doheny Memorial Library, students, staff, faculty, and practitioners enjoyed the first professional development workshop of the fall semester, a lunch and learn with Dr. Rebecca Weintraub of the USC Annenberg School for Communication & Journalism, who shared her tips for and perspective on the importance of mentoring.

Read more [here](#).



Hyundai Motor Group Launches Future Mobility Venture MoceanLab

Hyundai Motor Group identified Los Angeles as the city to launch the MoceanLab. The opportunities posed by LA's large and diverse population, challenges with traffic congestion, and demonstrated commitments to transportation innovation and sustainability made it the ideal city for MoceanLab.

Read more [here](#).

Activists Stage Takeover Of Metro Station To Demand A Better Rider Experience

Imagine Los Angeles's transit stations filled with leafy trees and greenery, bustling with street vendors, illuminated by brighter light fixtures, and equipped with restrooms, with staff available and on-site 24 hours a day to help with questions or concerns.



Read more [here](#).



***Blast From The Past Series - StreetsBlog USA, 2015: Why Creating Meaningful Transportation Change Is So Hard***

At his blog, The Transport Politic, Yonah Freemark pushed back on the idea that we’re seeing a revolution in the way people get around cities and suburbs, largely thanks to new transit-and-bike-friendly Millennials.

Read more [here](#).



***Tweet Time: Jeffrey Tumlin, Incoming Director of SMFTA***

Jeffrey Tumlin will soon begin his new role as Director of the San Francisco Municipal Transportation Agency. Check out his tweets about his active use of San Francisco transit and bike infrastructure.

Read more [here](#).

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## For Researchers

**EPA Research Opportunity: Biofuel Climate Change Model Validation Research**  
**Apply by December 2, 2019**  
**Applications Accepted on Rolling Basis**

Two research opportunities are currently available at the U.S. Environmental Protection Agency’s (EPA) Office of Transportation and Air Quality (OTAQ). This appointment may be served at EPA Headquarters in Washington, DC or at the EPA’s National Vehicle and Fuel Emissions Laboratory (NVFEL) in Ann Arbor, Michigan.

The project entails research on validation of transportation climate modeling with a focus on biofuels. The project will involve research on model evaluation techniques and on developing tools to automate comparison of model outputs with data and projections from other sources to improve evaluation and communication of EPA’s modeling.

Under the guidance of a mentor, the participant will review an integrated assessment model that EPA is using for transportation/biofuel climate change analysis and review techniques to validate the model through comparison of the model’s output with other data sources and projections. The participant will also research methods for automating future model validation. The participant will use an open source programming language (e.g., R, Python) to compare model outputs with other well-established sources of data on transportation fuels and agricultural commodities (e.g., prices, production, land use).

Click below for additional information and to apply.

**More Info**

## Get Involved

**USDOT Webinar - TSMO and the MOD Vision: Concepts and Examples**  
**Wednesday, November 20, 2019 from 10 to 11:30 am Pacific**

As States and municipalities start to consider emerging mobility innovations, they will see the convergence and integration of infrastructure, services, technologies, and policies bringing a broader spectrum of travel choices in daily travel. Simultaneously, traveler expectations are changing as traveler increasingly expect real-time, dynamic, actionable information on travel options before and during their trips. Meanwhile, from a system manager point of view, integration of Mobility on Demand (MOD)-related services and programs with the overall transportation system is necessary to ensure reliable and efficient travel for all users.

This webinar helps participants see the linkages between Transportation Systems Management and Operations (TSMO) and MOD. The webinar identifies the connections between TSMO and MOD to balance demand and supply on the system. Two recent and ongoing regional and State efforts in this area are presented. Recent research and reference material from FHWA on TSMO and its role in supporting MOD and travel demand management are also highlighted.

More Info

Please email Zhanibek Baktygali at [baktygal@usc.edu](mailto:baktygal@usc.edu) to RSVP.

**Center for Sustainable Cities Presents: A Discussion on Climate Change**  
**Thursday, November 21, 2019 at 12 pm Pacific**  
**University of Southern California**  
**University Gateway 100B**

Join the USC Price School; the USC School of Cinematic Arts; and film and television director, writer, producer and professor Jeremy Kagan for a luncheon and discussion on climate change. This talk is part of a global conversation on climate. Please click below to learn more, and be sure to RSVP.

More Info

**Eno Webinar - Mobility as a Service: How to Share and Play Nice**  
**Thursday, November 21, 2019 at 12 pm Pacific**

Mobility as a Service (MaaS) has been a buzzing topic over the past few years. Interest in this movement has grown out of consumers and transportation providers recognizing that travel needs may not be met optimally by a single mode or service. The emerging set of private and public entities offering MaaS platforms show early signs of two very different approaches: walled gardens vs. open ecosystems. Landon Reed will introduce some of the competing interests driving these approaches, how some agencies have responded to proliferating mobility services, and share some of the work IBI Group has done in the space. Please click below to RSVP.

More Info

**UC Davis ITS Webinar - Caltrans’ Pedestrian and Bicyclist Safety Program**  
**Friday, November 22, 2019 from 1:40 to 3 pm Pacific**  
**1605 Tilia, Room 1103, West Village, UC Davis or Online**

As recommended by California’s Strategic Highway Safety Plan (SHSP), Caltrans is working to develop a pedestrian and bicyclist safety improvement program. This presentation will provide an overview of what’s been completed since the program’s inception in 2016 as well as next steps. Specifics behind the following listed efforts will be shared: the 2016 (Pilot) Pedestrian Collision Monitoring Program, the 2018 (Pilot) Bicyclist Collision Monitoring Program, the 2020 Pedestrian Collision Monitoring Program, pedestrian and bicyclist safety training, and modifications to California Manual on Uniform Traffic Control Devices (CA MUTCD) related to pedestrian and bicyclist safety and operations.

More Info

**Transportation Research Board Annual Meeting: Reduced Student Costs**  
**Prices Increase: after Saturday, November 30, 2019**  
**Conference: January 12-16, 2020**  
**Washington, D.C.**

The Transportation Research Board (TRB) 99th Annual Meeting will be held January 12–16, 2020, at the Walter E. Washington Convention Center, in Washington, D.C. The information-packed program is expected to attract more than 13,000 transportation professionals from around the world.

The meeting program will cover all transportation modes, with more than 5,000 presentations in nearly 800 sessions and workshops, addressing topics of interest to policy makers, administrators, practitioners, researchers, and representatives of government, industry, and academic institutions. A number of sessions and workshops will focus on the spotlight theme for the 2020 meeting: A Century of Progress: Foundation for the Future.

More Info

Internships & Jobs

**City of Glendale**  
**Traffic Engineer II**  
**Apply by December 3, 2019 by 11:59 pm Pacific**



More Info

Job Title	Agency/Firm	Deadline
<a href="#">Traffic Operations Manager</a>	City of Eugene	22-Nov-19
	Eugene, OR	
<a href="#">Supervisory Engineering Technician (# 9029)</a>	DC Government	24-Nov-19
	Washington, D.C.	
<a href="#">Transportation Engineer (# JC-180892)</a>	Caltrans	26-Nov-19
	Sacramento County, CA	
<a href="#">Transportation Planner (# 9011)</a>	DC Government	28-Nov-19
	Washington, D.C.	
<a href="#">Street &amp; Bridge Maintenance Program Manager (# 8998)</a>	DC Government	30-Nov-19
	Washington, D.C.	
<a href="#">Student Assistant - Administrative Support/Traffic Operations (# CT50118)</a>	Caltrans	30-Nov-19
	San Diego, CA	
<a href="#">Planner Senior (# 117381)</a>	City of Austin	1-Dec-19
	Austin, TX	

We found **90+ more fresh positions** for you!

[Click here for more Jobs and Internships](#)

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