

# 20

ANNIVERSARY

# METRANS

Transportation Center  
USC | CSULB

20 YEARS OF EXCELLENCE  
1998 – 2018

## METRANS on the Move: Our Weekly Newsletter for Students



Welcome to this week's issue of METRANS On the Move, student run weekly transportation Newsletter. Our newsletter is a team effort to foster knowledge and opportunities related to transportation. If you have suggestions for content or opportunities – events, scholarships, internships, jobs, and more –that you'd like to see included, just reach out to me or any of our student staff (listed at the bottom of each issue). This week we feature Metrans Student Lunch with WTS and Caltrans, exciting opportunities and upcoming events. Enjoy this week's newsletter, and click the button below to subscribe!

Vicki Valentine Deguzman  
METRANS Associate Director  
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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 Students lunch with Caltrans and WTS

*By Rui (Rae) Zhang, USC Price School  
Master of Planning, Transportation, 2018*

On Wednesday, July 18, the Orange County and Los Angeles chapters of Women's Transportation Seminar (WTS) hosted a professional development lunch, Caltrans 11 & 12, featuring speakers Gerard Chadergian, Division Chief of TMC Traffic Operations, Caltrans District 11; and Geraldo De Santos, Acting District Director, Caltrans District 12; addressing the new opportunities for regional transportation as a result of Senate Bill 1 (SB-1)

[Read more here.](#)



### How do you design a more walkable Hollywood Boulevard?

Each spring course required Master of Planning students to address the possibility of turning the area of Hollywood Boulevard between Highland Avenue and Orange Drive into a pedestrian plaza — with Adjunct Instructor Melani Smith's class performing a site analysis and developing

designs for two closure scenarios and Adjunct Instructor Eric Shen's class developed a multi-modal transportation plan to support the concept. The touristy area of Hollywood Boulevard has overcrowded sidewalks full of street performers and costumed movie characters.

[Read more here.](#)



### Even Self-Driving Cars Need Driver Education

*By Soobin Kim, B.S. in Urban  
Studies and Planning, USC Price  
School of Public Policy*

With approximately 220,000 streetlights illuminating 6,500 miles of streets, Los Angeles needed a smarter approach than the conversion to LED lights that started in 2009. Good thing Mayor Garcetti recruited former tech company executive Peter Marx as Chief Innovation Technology Officer, because other cities across the nation now look to Los Angeles for innovative urban lighting solutions.

[Read more here.](#)

# Get Involved

**METRANS PSR has a limited number of sponsored spots for complimentary student attendance to this event. Please email Victoria Deguzman at [victoriv@usc.edu](mailto:victoriv@usc.edu) to secure your spot.**

## **Uncertainty Quantification Summer School USC, August 8-10, 2018**

Participate in the USC Uncertainty Quantification School driving current research in Polynomial Chaos methodology, Perron-Frobenius operators, Multifidelity models, and Machine Learning lectures.

### **Distinguished Speakers:**

Mike Eldred (Sandia)  
Roger Ghanem (USC)  
Igor Mezic (UCSB)  
Christian Soize (Paris-Est)  
Andrew Stuart (Caltech)

### **More Info**

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## **Eno Center for Transportation Webinar The Final 50 Feet: Challenges and Opportunities in Urban Freight Thursday, August 9, 2018 1:00 pm to 1:30 pm**

Reducing the amount of time a truck spends in a parking space can help cities better manage their curbs and more efficiently use space. Join the Eno webinar to learn about the innovations that can reduce a carrier's dwell time at each stop and potentially solve the challenge of the Final 50 Feet.

### **Distinguished Speakers**

Barbara Ivanov, Director, Urban Freight Lab  
Brianna Eby, Policy Analyst, Eno Center for Transportation

### **More Info**

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## **UN- Habitat Student Design Competition Submission deadline August 15, 2018**

UN-Habitat in collaboration with the Wuhan Land Use and Spatial Planning Research Centre (WLSR) is looking for creative and innovative urban design ideas from students for a vacant waterfront site in inner-city Wuhan, China. The competition is part of the UN-Habitat – WLSR programme "People Orientated Urban Public Spaces".

### **More Info**

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## **TRB Webinar: Workforce of the Future: Educating and Retraining the Freight Industry Tuesday, August 28, 2018 11:00 am to 1:00 pm**

TRB will conduct a webinar that explores the future of freight education. Presenters will focus on how to develop a talent pipeline starting in primary and secondary education (K-12) and continuing through university programs. The webinar will provide information for the K-12, community college, and university communities about how to support the freight industry. This webinar was organized by the TRB Standing Committee on Intermodal Freight Transport.

### **Webinar Presenters:**

Margaret Kidd, University of Houston  
Angeli Logan, California State University at Long Beach  
Darrin Mellinger, Cummins Sales and Service

Registration questions? Contact Reggie Gillum at [RGillum@nas.edu](mailto:RGillum@nas.edu)

### **More Info**

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**METRANS PSR has a limited number of sponsored spots for complimentary student attendance to this event. Please email Cherie Jiarui Li at [jjiaruil@usc.edu](mailto:jjiaruil@usc.edu) to secure your spot.**

## **PSR METRANS Field Trip**

### **2018 Fleet Week**

**Saturday, September 1, 2018**

**Celebrating our U.S Armed Forces at Port of Los Angeles**

### **Sponsored by**

#### **Pacific Southwest Region University Transportation Center (PSR UTC)**

LA Fleet Week is a free public event celebrating our U.S. armed forces at our nation's #1 port, the Port of Los Angeles. A new Labor Day tradition in Los Angeles, the event welcomes active military ships and personnel to the LA Waterfront, and features public ship tours, military equipment demonstrations, live entertainment, educational activities and more.

### **More Info**

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**17th Annual Mayoral Housing, Transportation and Jobs Summit  
Friday, October 5, 2018 from 8:00 am to 2:30 pm**

## UCLA Meyer & Renee Luskin Conference Center

Join the annual summit, the most respected conferences driving smart, business driven solutions addressing core issues around housing affordability, transit accessibility and equitable, economic development and know the answers from experts to the most pressing issues.

[More Info](#)

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**METRANS PSR has a limited number of spots for complimentary student attendance to this event. Please email Victoria Deguzman at [victoriv@price.usc.edu](mailto:victoriv@price.usc.edu) to secure your spot.**

### **RailTEAM Infrastructure Symposium and Rail Dynamics Seminar October 16 -18, 2018 University of Nevada Las Vegas**

Join the two-day symposium and one- day seminar which will present an introduction to the engineering fundamentals of rail dynamics: wheel-rail contact dynamics and vehicle dynamics. The conference will feature experts discussing new technologies and methods in monitoring and maintaining railroad infrastructure.

Free and Open Registration

[More Info](#)

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### **Cameron Rian Hays Outside the Box Transportation Policy and System Management Competition November 27,2018 4pm - 8pm George Mason University, Founders Hall Auditorium, Room 134**

Challenge to think creatively and offer “outside-the-box” solutions to the complex challenges of passenger and freight mobility, accommodating new urbanism, acknowledging environmental impacts and climate change and participate in the Transportation Management competitions to win cash prizes.

[More Info](#)

## Scholarships & Academic Opportunities

### **Livable Smart Cities Challenge**

Deutsche Telekom challenges innovators to be creative and invent digital services that make smart cities more livable for everyone. Possible services that could be addressed are as varied as Navigation services, Accessibility to municipal information and services, Services that enable people to live independently, etc. A prize purse of \$25,000 USD will be shared among the top innovators. Winners will travel to Germany to present their solutions at Deutsche Telekom’s annual Innovation Day forum in September 2018.

[More Info](#)

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### **NARSC Graduate Student Paper Competition For Graduate and Doctoral Students and Recent Graduates Applications Open August 1, 2018**

The North American Regional Science Council (NARSC) Graduate Student Paper Award contest presents two categories given below.

#### **Graduate-Student-Author Paper Competition Graduate-Student-Led Paper Competition**

Acceptance of the paper requires the following:

1. Individuals should submit a digital copy of their paper formatted using the Papers in Regional Science guidelines
2. A cover letter from their academic advisor confirming the author(s) meet the eligibility for the competition selected.

[More Info](#)

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### **Annual ARTBA Student Video Contest Submissions Due September 3, 2018**

American Road and Transportation Builder’s Association is accepting submissions for its 8th annual Student Transportation Construction Industry Video Contest. Interested students must submit a 2 to 4 minute video that examines transportation in one of two categories: General Transportation or Safety.

Top winners will receive a cash prize of \$500 and the winning videos will be viewed at ARTBA’s National Convention in New York City, New York .

**For questions or concerns, contact Melanie Laird at [mlaird@artba.org](mailto:mlaird@artba.org)**

[More Info](#)

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### **Researchers California Policy Lab**

California Policy Lab is searching for three, full-time research positions, including a post-doc position in labor economics, one Ph.D. level staff position for homelessness research, and one statistical data analyst. These positions will work on a range of projects with me and with faculty and staff at the California Policy Lab, a new initiative at UCLA and UC Berkeley that supports research partnerships between university academics and California state and local government, focused on the analysis of administrative data. They are described in more detail below.

- 1) A post doc working directly with me on projects in labor economics based on a range of confidential administrative data sets.
- 2) A full-time Ph.D. level Research Director with the California Policy Lab (CPL).
- 3) A third position is for a full-time data analyst.

**For more information about the California Policy Lab and to learn more about our current projects, visit:**

[www.capolicylab.org](http://www.capolicylab.org)

**ACSP Pre-Doctoral Workshop 2018**  
**October 27- 28, 2018, University at Buffalo, NY**  
**Application Deadline August 24, 2018**

The Association of Collegiate Schools of Planning invites students of color with an interest in pursuing Doctoral studies in Planning to attend the annual ACSP Pre-Doctoral Workshop. The Workshop will be limited to approximately 25 students to ensure adequate mentorship and promote individual and targeted attention to students. Students who are currently enrolled in bachelors and master's programs of planning and related disciplines can apply.

[More Info](#)

**Young Researchers' Conference 2019**  
**Saturday, May 26 2019**  
**IIT Bombay, India**

Participate in the one-day conference at IIT Bombay to discuss and interchange news ideas and development in transportation sector. Papers will be peer-reviewed and the best papers will qualify for the nominations to the Young Prize and for special issues of academic journals from the WCTR conference themed 'The Future of Transportation'.

[More Info](#)

## Internships & Jobs

### This Week's Featured Opportunity

**Transportation Engineering Intern at**  
**Stantec – Burlington, MA**



[More Info](#)

### Other Featured Positions

Job Title	Agency/Firm	Deadline
<a href="#">Transportation Engineer (Civil) (#JC-120169)</a>	Department of Transportation San Francisco, CA	8/9/2018
<a href="#">Associate Engineer (# #TEX-5207-081620)</a>	City & County of San Francisco San Francisco, CA	8/10/2018
<a href="#">Chief, Deputy District Director (District 11 - San Diego) (#JC-120571)</a>	Caltrans San Diego, CA	8/17/2018
<a href="#">Transportation Engineer (#JC-120485)</a>	Caltrans Fresno, CA	8/17/2018
<a href="#">Transportation Civil Engineer In Training (#TRANS03675)</a>	Kimley-Horn and Associates, Inc. San Diego, CA	
<a href="#">Civil Road &amp; Highway Engineer I (# 51901)</a>	Parsons Oakland, CA	

We found **60+ more fresh positions** for you!

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