

# METRANS

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## Transportation Center

USC | CSULB

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



I am METRANS student graphic designer, Yang Deng, a masters student at USC majoring in transportation engineering, and am honored to welcome you to this issue. This week, you will read about many opportunities for involvement – field trips, conference sponsorships, and more. We are always looking for new sources of knowledge, articles and content, and encourage you to reach out to us with your ideas. Please contact me, any of the student assistants, or METRANS Associate Director Victoria Deguzman at [victoriv@usc.edu](mailto:victoriv@usc.edu) to join the effort!

Yang Deng  
USC MSCE 2018  
[dengyang@usc.edu](mailto:dengyang@usc.edu)

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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.

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**METRANS Student of the Year Awarded  
to CSULB Student Miles Winston**



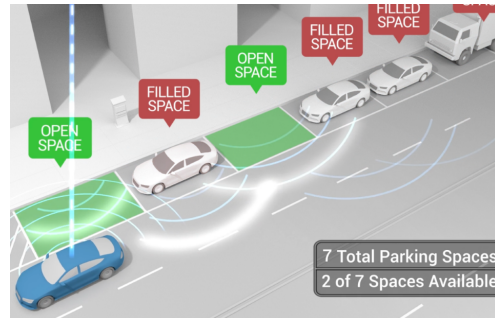
The Council of University Transportation Centers (CUTC) and the USDOT recognize CSULB Master of Science in Supply Chain Management (MSSCM) student and CITT Research Assistant Miles Winston as the 2017 METRANS Student of the Year. [Read more here.](#)



### PSR Students Attend the ITS-CA Panel

*By Tomoko Kanda, UCLA MURP 2019*

On December 6th, 2017, the PSR center sponsored students from member universities CSULB, UCI, and UCLA to attend the Intelligent Transportation Society of California (ITS California) Southern California Workshop, "Harnessing Big Data & Analytics to Improve Transportation." [Read more here.](#)



### Our Newest Innovation: Ultrasonic Sensor Parking Availability Technology

Today, INRIX introduced the first technology that leverages ultrasonic sensors (USS) in vehicles to capture real-time parking occupancy information that will also enhance the quality of INRIX Parking. [Read more here.](#)

## Get Involved

### Free TRB Webinar Uses of Social Media During an Airport Emergency January 18, 2018, 11:00 am to 12:00 pm

TRB will conduct a webinar on Thursday, January 18, 2018 that features research from the [Airport Cooperative Research Program](#) (ACRP)'s [Synthesis 82: Uses of Social Media to Inform Operational Response and Recovery During an Airport Emergency](#).

This webinar will serve as an introduction to using social media platforms at airports to enhance situational awareness and resource allocation decisions during emergency situations. The presenters will describe how social media has changed the speed of communications that an airport may expect to experience, and how airports may affect the flow of information that may assist with making critical decisions.

### RSVP & More Info

**What Every International Student Should Know About Getting a Job in the U.S.  
Monday, January 29, 2018, 5:00 pm to 7:00 pm  
USC University Park Campus, Bovard Auditorium (ADM)  
3551 Trousdale Parkway, Los Angeles, CA 90089**

Studying in the U.S. is a powerful first step towards making U.S. employment a reality, but each year thousands of international students are surprised to discover that it takes more than an American degree to get a job in the U.S. Job-seekers need to understand the unique challenges facing international students. In this presentation, Dan Beaudry, former recruiter and author, provides expert tips for international students to find jobs in the U.S.

Click [here](#) to see more information.

RSVP

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

**METRANS PSR Student & Alumni Tour  
Gerald Desmond Bridge Replacement Project  
Thursday, February 15, 2018, 10:30 am to 12:00 pm**

Trip includes round trip transportation to and from USC, UCSB, UCI, and/or UCLA  
-Lunch included  
-A tap card to keep  
-Your own PPE gear to keep  
-A Guided bus and excursion trip of the Gerald Desmond Bridge Project

**Please see the flyer for more information.**

Flyer

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**The 19th Annual CTF Transportation Forum  
Wednesday, February 21, 2018, 10:00 am - 2:30 pm  
Sacramento Convention Center**

Confirmed speakers and more details coming in 2018!  
Join transportation professionals from the private and public sector for this very important event, register to attend or sponsor today!

**Early Bird Rate ends January 31.**

To register and pay by check [click here](#) to download the Mail-In Check Registration Form and follow the instructions on the form.

More Info & RSVP

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

NaTMEC 2018

**Call for Poster/Presentation Abstract  
National Travel Monitoring Exposition and Conference  
June 10 - 13, 2018  
Hotel Irvine, Irvine, California**

**Sponsored by  
Pacific Southwest Region University Transportation Center (PSR UTC)**

The bi-annual National Travel Monitoring Exposition and Conference (NaTMEC) provides travel monitoring professionals and transportation data users from around the world opportunities to share knowledge and good practices, exchange ideas, revisit fundamental concepts, learn new processes, procedures and techniques, and see the latest advancements in policy, technology, and equipment.

**More Info**

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

**METRANS Student & Alumni Field Trip  
March 2018  
Anaheim Regional Intermodal Transportation Center  
Behind-the-scenes Guided Tour**

- 67,000 ft.<sup>2</sup> (6,200 m<sup>2</sup>) & \$185.2 million
- LEED Platinum certified
- 2015 Public Works Project of the Year (APWA)

**Roundtrip Metrolink fare from LA Union Station included  
For more information, contact Yang Deng at [dengyang@usc.edu](mailto:dengyang@usc.edu)**

**Flyer**

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**Metro Bike Share Wants Your Feedback  
Whether You've Ridden Bike Share or Not**

This short, confidential survey will take just five to 15 minutes to complete. To show Metro's thanks, you will be entered for a chance to win a \$200 gift card! The winner will be selected randomly. Metro wants to hear from as many people as possible, so share the survey with your friends and family – even if they don't know about Metro Bike Share, their feedback is important.

**Metro employees, Board members and staff, or family members of the previously mentioned are not eligible for the raffle prize.**

**Survey**

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**ITE Events**

2017 ITE Student Chapters Night Highlights  
<https://www.smugmug.com/gallery/n-vfJJnk/i-59QV78N/A>

2017 Student Leadership Summit at CSU Fullerton

<http://www.shenphotography.org/ITE/20170114-ITE-SLS/>

2017 Traffic Bowl at USC

<http://www.shenphotography.org/ITE/20170225-Traffic-Bowl/>

**ITE USC Chapter plans to attend the 2018 Student Leadership Summit in Portland Oregon on January 19 - 20, 2018. New student members could join the group.**

**Anyone interested in being involved should contact the Chapter Advisor, Prof. Eric Shen at [ericshen@usc.edu](mailto:ericshen@usc.edu).**

## Scholarships & Academic Opportunities

### **Mount Vernon Leadership Fellows Program Applications Due December 31, 2017**

The Mount Vernon Leadership Fellows Program is a highly selective six week summer institute for rising college juniors offering unparalleled learning and networking opportunities at the home of America's first president. Provides housing, transportation, meals, and a \$3000 stipend.

**Applications may be submitted electronically to [fellowships@mountvernon.org](mailto:fellowships@mountvernon.org).**

### More Info

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### **97th Annual Meeting of the Transportation Research Board Doctoral Research in Transport Modeling and Traveler Behavior Sunday, January 7, 2018, 1:30 pm - 5:00 pm Walter E. Washington Convention Center Washington, D.C.**

At this workshop, PhD students conducting research in transportation modeling or traveler behavior are invited to present their work and discuss issues and questions they encountered.

Individuals who wish to present their research need to submit required documents in Word or PDF format both to Rolf Moeckel, Technical University of Munich, at [rolf.moeckel@tum.de](mailto:rolf.moeckel@tum.de), and to Patricia Mokhtarian, Georgia Institute of Technology, at [patmokh@gatech.edu](mailto:patmokh@gatech.edu).

**If you have any questions, please email Rolf Moeckel at [rolf.moeckel@tum.de](mailto:rolf.moeckel@tum.de).**

### More Info

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### **APA TPD Student Paper Competition Call for Papers Applications Due Friday, January 26, 2018**

**Submission instructions must be followed to receive an award.**

**Send questions and final submissions to:**

Laurel Land, AICP  
Chair, Student Paper Competition  
APA Transportation Planning Division  
E-mail: [lland@rpcgb.org](mailto:lland@rpcgb.org)  
Phone: 205-264-8473

**See the flyer for more information.**

Flyer

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**Transportation Technology Tournament  
Applications Due February 15, 2018**

The National Operations Center of Excellence (NOCoE) and the U.S. DOT ITS JPO PCB program announce a competition for students to work directly with state and local DOTs to solve real-world transportation problems utilizing ITS and TSMO solutions.

Student teams will assemble and work with a local or state agency to define a problem or challenge in their region, or choose to address one of the sample problems outlined below. After submitting an initial contest application identify the team and the problem or challenge, students will work with academic advisors to learn about potential ITS and TSMO solutions via online training programs outlined below. Teams will then utilize their experience, education, and new coursework to develop a solution or suite of solutions to directly address the originally defined problem. Students will submit their solutions via a proposal. Finalist teams will develop a presentation and then will be flown to the Institute of Transportation Engineers (ITE) 2018 Annual Meeting in Minneapolis to give a live presentation in front of a panel of judges made up of leaders in the ITS and TSMO community.

**Please feel free to contact Adam Hopps at [ahopps@transportationops.org](mailto:ahopps@transportationops.org) or phone (202-680-0091) with any questions in advance of submission.**

More Info

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**The Benjamin H. Stevens 2018 - 2019 Graduate Fellowship in Regional Science  
Applications Due February 15, 2018**

Graduate students enrolled in Ph.D. programs in North America are encouraged to apply for the Eighteenth Benjamin H. Stevens Graduate Fellowship in Regional Science, administered by the North American Regional Science Council of the Regional Science Association International (NARSC-RSAI).

The Fellowship consists of a stipend in the amount of \$30,000 (U.S.), paid over a twelve-month period. Applications for the 2018–2019 Fellowship should be sent electronically by the applicant to the Selection Committee Chair, Professor Mario Polèse, [mario.polese@ucs.inrs.ca](mailto:mario.polese@ucs.inrs.ca) by the deadline of February 15, 2018.

**Applications should be emailed to Professor Mario Polèse at [mario.polese@ucs.inrs.ca](mailto:mario.polese@ucs.inrs.ca).  
Questions may also be sent to him at [mario.polese@ucs.inrs.ca](mailto:mario.polese@ucs.inrs.ca).  
For information about the Regional Science Association International (RSAI),  
go to [www.regionalscience.org](http://www.regionalscience.org).**

More Info About NARSC

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**\$5,000 CTF Heckeroth Scholarship**  
**Applications Due Friday, February 16, 2018**

Students who attend a California university or community college, major in Civil Engineering, have a cumulative GPA of at least 3.5 and plan to pursue a career in transportation after graduation are encouraged to apply. The scholarship is competitive and based on the applicant's commitment to a career in transportation, current achievements and academic record. Eligible applicants are a United States citizen, permanent resident, or documented international student.

**To apply to the CTF Heckeroth Scholarship download the application by clicking [here](#).**

**Contact CTF at [sarah\\_west@transportationfoundation.org](mailto:sarah_west@transportationfoundation.org) for more information.**

**More Info**

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**Diane Woodend Jones WTS Chair Scholarship**  
**Eno Leadership Development Conference for Emerging Professionals**  
**Applications Due Friday, February 16, 2018**  
**The 2018 conference will be held May 20 - 24, 2018, in Washington, DC.**

Thanks to the generosity of Diane Woodend Jones, WTS Chair, one of the 2018 Eno Center for Transportation's Leadership Development attendees will be a WTS member and attend at no cost.

**For more information about the program and past speakers,  
please e-mail [LDC@enotrans.com](mailto:LDC@enotrans.com).**

**Flyer**

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**\$5,000 CTF Graduate School Scholarship**  
**Applications Due April 2, 2018**

Students who are studying a transportation related field; are currently enrolled as a student in good standing in a California graduate school, or are currently enrolled in an undergraduate institution and have been accepted into a California graduate school; and are a United States citizen, permanent resident, or studying in legal visa status are eligible to apply. The weight of the selection criteria will be: essay (67%); letter of recommendation (11%); undergrad grades (11%); work, professional experience and leadership (11%).

**To apply to the CTF Graduate School Scholarship download the application [here](#).**

**Contact: CTF at [sarah\\_west@transportationfoundation.org](mailto:sarah_west@transportationfoundation.org) for more information.**

**More Info**

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**23rd National Rural Public and Intercity Bus Conference**  
**College and University Rural Public and Intercity Bus Essay Competition**  
**Changing Lives, Strengthening Communities**  
**Applications Due at 7 pm Pacific Time, April 15, 2018**

The 23rd National Conference on Rural and Intercity Bus is scheduled to take place in September 30 – October 3, 2018 in Breckenridge, Colorado. To encourage student participation in the conference, students attending an



accredited U.S. community college, four-year college, or university as an undergraduate are offered the opportunity to participate in an essay competition. Two essay winners will receive cash prizes as well as travel funds to attend the conference.

**Essay Winners: 1st place \$500 and 2nd place is \$250**

Students must attend an accredited U.S. community college, four-year college, or university as an undergraduate.

Flyer

## Internships & Jobs

Job Title	Agency/Firm	Deadline
<a href="#"><u>Chief, Office of Southern California Freight Planning (#JC-90274)</u></a>	Caltrans	8-Jan
	Los Angeles, CA	
<a href="#"><u>Central Valley Programs Manager</u></a>	California Walks	12-Jan
	Kern County, CA	
<a href="#"><u>Summer Transportation Internship Program for Diverse Groups</u></a>	US DOT	19-Jan
	State DOT office/partnering organizations	
<a href="#"><u>2018 Gerhardt Internship</u></a>	100 Friends of Oregon	15-Feb
	Portland, OR	
<a href="#"><u>Research Internship with Housing is a Human Right</u></a>	Housing is a Human Right	
	Los Angeles, CA	
<a href="#"><u>Complete Street Designer/Active Transportation Planner (#USPL15)</u></a>	Steer Davies Gleave	
	Los Angeles, CA	
<a href="#"><u>Graduate Interns</u></a>	SGVCOG	
	Alhambra, CA	
<a href="#"><u>Internships with the Science and Technology Innovation Program</u></a>	Wilson Center	
	Washington, DC	
<a href="#"><u>Transportation Associate I</u></a>	ELTP program at LA Metro	
	Los Angeles, CA	
<a href="#"><u>Planning Intern (#35438)</u></a>	WSP USA	
	New York, NY	
<a href="#"><u>Assistant Transportation Engineer (Entry Level)</u></a>	WKE	
	Santa Ana, CA	
	LIN Consulting, Inc.	



<u>Mid-Level Traffic Project Engineer</u>	Irvine, CA	
<u>Industrial Engineering FT Intern</u>	UPS	
	West Sacramento, CA	
<u>Administrative Intern - Planning Division (#17-009)</u>	City of Manhattan Beach	
	Manhattan Beach, CA	
<u>GIS Developer (#33925)</u>	WSP USA	
	Sacramento, CA	
<u>Strategic Planning Manager - Train Operations and Transportation (#34072)</u>	WSP USA	
	Sacramento, CA	
<u>Engineer/Planner - Entry/Level</u>	Fehr & Peers	
	Any Office	
<u>Multiple Openings</u>	DKS Associates	
	CA, OR, WA	
<u>US Planning Director</u>	Kounkuey Design Initiative (KDI)	
	Los Angeles, CA	
<u>Practice Leader, Transportation Planning (#LOS00006X)</u>	ARUP	
	Los Angeles, CA	
<u>Associate Planner (#062217)</u>	City of Palmdale	
	Palmdale, CA	
<u>Designing an Innovative Transportation System for Groundbreaking Projects</u>	FUSE Fellowship	
	San Jose, CA	
<u>Planner (Comprehensive)</u>	Dyett & Bhatia, Urban and Regional Planners	
	San Francisco, CA	
<u>Transportation Planner/Engineer</u>	LSA Associates, Inc.	
	Riverside, CA	
<u>Associate Transportation Planner</u>	Caltrans	
	Sacramento, CA	

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