

# METRANS

## Transportation Center

USC | CSULB

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



Welcome to METRANS On the Move, our weekly transportation newsletter created and produced by students. We hope you enjoy not only our newsletters, but also getting to know our student staff, who will periodically pen the introduction; you may have noticed a new face, Editor-in-Chief Rui Zhang, last week! Stay tuned for more, and if you do not receive this email to your inbox each week, we encourage you to simply click the button below to subscribe free of charge.

Victoria Deguzman  
METRANS Associate Director, Administration  
[victoriv@usc.edu](mailto:victoriv@usc.edu)

**Subscribe Now!**

### In the News



#### **UC Davis Alum Adam Gromis Talks Uber's Transformation of Transportation**

***By Nicolette Sarmiento, UC Davis BS  
Biomedical/Medical Engineering 2018***

On November 17, UC Davis ITS held a PSR sponsored seminar featuring UC Davis alum and Uber's Global Lead on Sustainability and Environmental Impact, Adam Gromis. He talked about transforming transportation by moving people with "fewer, fuller, and more efficient vehicles and trips." **Read more [here](#).**



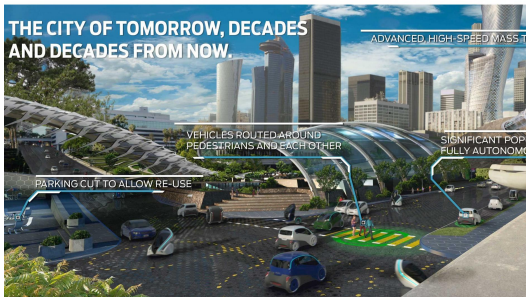
### Celebrating Milestones with CITT

Spring 2017 marked the beginning of the 20th Anniversary of CSULB's Center for International Trade and Transportation (CITT), which has celebrated with a variety of events, initiatives, and awards this year. **Read more [here](#).**



### Revisiting PierPass

Research by METRANS Director, USC Price School Professor, Genevieve Guiliano, is cited in a recent Long Beach Business Journal article on the effectiveness of PierPass, a nonprofit formed to address issues of congestion and air quality at San Pedro terminal gates. **Read more [here](#).**



### Ten Rules for Cities about Automated Vehicles

Traditional urbanism evolved over millennia to meet human needs. The adoption of AVs should not be allowed to replace time-tested places with something that would probably make our lives worse. The article is based on a talk the author gave to the US Conference of Mayors and CNU. **Read more [here](#).**

## Get Involved

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

**2017 METRANS/PSR MetroFreight Fall Seminar  
Business Model Development in Urban Freight  
Wednesday, November 29, 2017, 12:00 pm – 1:30 pm  
USC Gateway Conference Room 100B  
Speaker: Jon Williamsson**

Business model development plays a key role for the adoption of new innovations and the progress towards a more sustainable society. As a concept the business model portrays the logic behind why a business operates the way it does. Swedish authorities have come to pay considerable attention to the role of business models as a tool that can support more sustainable business practices.

Consequently, collective business model development has become a key feature of governmentally funded business research. In this seminar Dr. Jon Williamsson describes barriers to business model innovation in the Swedish urban freight sector in relation to the introduction of radical technological innovations.

**National Center for Sustainable Transportation (NCST) Webinar  
Monitoring Sea Level Rise at Local and Regional Scale  
November 29, 2017, 10:00 am – 11:00 am Pacific Time**

UC Davis is working with local and regional agencies in California's Bay Area and coastal islands in Georgia to pilot the use of time-lapse, ground-based cameras that capture fine-resolution images and satellite imagery of changing shoreline conditions for storm events, seasons, and across multiple years.

Please join this upcoming webinar to learn more about the results and lessons learned from two study shorelines and hear about next steps for this work.

Speaker:

Dr. Fraser Shilling, Co-Director of the Road Ecology Center, University of California Davis

Guest Respondent:

Dr. Mark Risse, Director, Marine Extension and Georgia Sea Grant

**More Info & RSVP**

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**AARP in Los Angeles Presents Sunday Funday - Griffith Park  
Hosted by Los Angeles County Bicycle Coalition - LACBC  
Sunday, December 3, 2017, 9:30 pm – 1:00 pm  
Spoke Bicycle Cafe, 3050 N Coolidge Ave, Los Angeles, CA 90039**

The ride will start out Spoke Bicycle Cafe along the LA River Bike Path and cover roughly 13 miles.

Meet at 9:30 am

Roll at 10:00 am

Sunday Funday Rides are free and open to LACBC members plus one guest.

Interested in becoming a member?

**Sign up for membership [here](#) (or become a member at the ride!)**

**RSVP & More Info**

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

**METRANS/PSR Practitioner Speaker Series  
From “Wet Behind my Ears” to “Wise Beyond my Years”  
Lessons in Leadership from Susan Metros  
Co-sponsored with WIM  
Tuesday, December 5, 2017, 12:00 pm – 1:30 pm  
USC University Park Campus, RGL 308  
Lunch will be served.**

Susan Metros is the Founder and Principal at Metros Consulting, and also former USC Deputy CIO and Associate Vice Provost of Technology Enhanced Learning.

**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.**

**USC AEC Construction Alumni Group Event  
Metro Regional Connector Transit Corridor Job Walk  
Tuesday, December 5, 2017  
Meet at Skanska's Office located at  
444 South Flower Street, Suite 2200, Los Angeles, CA 90071**

Come to the Regional Connector Job Walk on December 5th for a presentation and job walk lead by the Skanska project team. Learn about Los Angeles' 1.9 mile light rail subway. The Regional Connector project includes twin bored tunnels, cut and cover tunnels, three underground stations, trackwork and systems work. Following the site visit complementary appetizers and networking will be hosted on site.

**Event Schedule**

3:30 - 4:30 pm - Job Walk  
4:30 - 5:00 pm - Discussion/Presentation  
5:00 - 6:30 pm - Social Hour and Networking  
(Location: Blue Cow Kitchen Bar, 350 S. Grand Ave. Los Angeles, CA 90071)

PPE is required, including gloves, hardhats, safety glasses, safety vests, and boots. Please bring your own as only a limited supply will be available on site. Additionally, please fill out [this safety waiver](#) prior to arriving on site.

**Questions? Email [alumni@usccmaa.com](mailto:alumni@usccmaa.com)**

**More Info & Tickets**

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**ITS-CA Panel  
Harnessing Big Data & Meeting Analytics to Improve Transportation  
Wednesday, December 6, 2017, 11:30 am – 2:00 pm  
Lunch Served at 12:00 noon  
Knott's Berry Farm Hotel  
7675 Crescent Ave, Buena Park, CA 90620**

Governments around the world are collaborating with private sector to make cities' and highway systems smarter through data driven solutions to attain new levels of insight and efficiency. State and local leaders can now monitor, measure and manage a wide range of transportation services to predict future effects and perform "what-if" scenario analysis to proactively and in real-time manage the negative impacts of an unplanned incident or special event.

**ITS-CA member cost = \$25. (Includes lunch)  
Non-members = \$35 (includes lunch)**

**Flyer**

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**2017 APA/AEP Annual Holiday Mixer  
Thursday, December 7, 2017, 6:00 pm to 10:00 pm  
Ten Asian Bistro, 4647 MacArthur Blvd Newport Beach, CA 92660**

Please join the Orange County Chapters of the American Planning Association and the Association of Environmental Professionals at Ten Asian Bistro for our annual Holiday Mixer for an evening of food, wine, music, and networking with friends and colleagues.

Tickets are \$15 for AEP/APA members and their guests, \$10 for students, and \$20 for non-members.  
Ticket prices include: heavy appetizers, two drinks tickets, and much more!

Parking is available and plentiful outside the venue.

**Please RSVP by November 30, 2017 and pay in advance via PayPal.**

## More Info & RSVP

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### **INSPIRE University Transportation Center Free Webinar Drone-Enabled Remote Sensing for Transportation Infrastructure Assessment National Travel Monitoring Exposition and Conference December 13, 2017, 9:00 am to 10:00 am, Pacific Time**

In this presentation, recent applied research led by a Michigan Technological University team is reviewed, with a focus on bridge condition assessment and corridor monitoring. Examples of 3D optical, thermal, and LiDAR data are shown and how analysis methods result in usable information to meet pressing data needs. Finding spalls and delaminations, characterizing cracking, inventory of roadway assets, and related applications will be shown. Achievable resolutions and accuracies will be reviewed and how these data are transformed into asset condition data.

Click [here](#) to check the flyer.

## 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.

**For more information about presenting at the conference, please contact  
Dr. Craig Rindt:[crindt+natmec2018@uci.edu](mailto:crindt+natmec2018@uci.edu)**

## More Info

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

- 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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**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 Jan. 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

**Randall Lewis Data Science Fellowship  
Winter Cohort Applications Due November 30, 2017**

Through a generous contribution by Randall Lewis, SCAG will be hosting data science students from regional universities to support a new region wide initiative around open and big data in the coming years. Fellows selected will play an important role in supporting governments across the region to become more data driven and effective in the provision of their services.

**Please reach out to Maggie Hawkins at [mhawkins@p4bhealth.org](mailto:mhawkins@p4bhealth.org) or Rye Baerg [baerg@scag.ca.gov](mailto:baerg@scag.ca.gov). if you have any questions. This fellowship is open to students affiliated USC, UCLA and CalPoly.**

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

## Flyer

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### **Call for Award Nominations: Alma H. Young Emerging Scholar Award**

**Deadline: December 1, 2017**

**Award decision: February 1, 2018**

Nominate a student for the emerging scholar award whose doctoral research is related to urban affairs. The student may be of any academic discipline. The student nominee must have finished their coursework, passed their comprehensive examinations, and have an approved dissertation proposal. The nominator may nominate more than one student, but must have a current UAA membership.

## More Info

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### **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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### **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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### **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

## Fun Stuff

### **Tree Lighting and Cocoa Concert Thursday, November 30, 2017, 6:30 pm Union Station Patio Holiday Craft Corner, Kids Zone, Santa Selfies and Free Hot Chocolate Flowing All Evening from the Classic “Cocoa Bar”**

Union Station will summon the sights and sounds of the holiday season on Thursday, Nov. 30 at 6:30 p.m. with the Annual Tree Lighting under the stars on the station’s south patio, accompanied by a performance from L.A.’s celebrated Kaleidoscope Chamber Orchestra followed by the internationally acclaimed All-American Boys Chorus.

The event kicks off a month-long series of free “Cocoa Concerts” at the historic downtown destination (Nov. 30, Dec. 8, 15 & 22).

## More Info

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

**Battleship USS Iowa - Holiday Boat Parade**  
**Saturday, December 2, 2017, 6:00 pm**  
**Pacific Battleship Center - Battleship USS Iowa**  
**250 S Harbor Blvd, Berth 87, San Pedro, CA 90731**

Battleship IOWA offers an up-close view of the Annual Los Angeles Harbor Holiday Afloat Parade from her historic wooden decks. In a time-honored Naval tradition, IOWA will also fire off her 5" guns as the parade commences. Santa Claus will make a visits along with carolers and holiday treats. There will also be face painting, hot cocoa, candy canes and much more.

The Annual Los Angeles Harbor Holiday Afloat Parade features more than 60 vessels of all shapes and sizes including powerboats, sailboats, tall ships and harbor working craft. The parade approximately runs 90 minutes.

**Tickets & More Info**

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**55th Annual L.A. Harbor Holiday Afloat Parade**  
**Saturday, December 2, 2017, 6:00 pm - 9:00 pm**  
**East Basin, Port of LA**

This annual parade, celebrating the 55th year with the theme ‘Peace Around the World,’ marks the start of the Holiday Season here in the harbor. LA County Supervisor Janice Hahn, representing the 4th District is this year’s Grand Marshal. The Exy Johnson and Irving Johnson, the official Tall Ships and Maritime Ambassadors of the City of Los Angeles along with vessels of all shapes and sizes will participate including powerboats, sailboats and harbor working craft.

The parade will view locations along the parade route, located in Wilmington, the San Pedro waterfront, Ports O’ Call, Warehouse #1, California Yacht, Cabrillo Way and Holiday Harbor Marinas and more ([click here for a map of the parade route](#)), and will afford spectators unencumbered views of the elaborately decorated boats and the opportunity for friends and family to join in the celebration, whether taking advantage of the many restaurants and clubs at Ports O’ Call or organizing an informal pot-luck.

**More Info**

**Internships & Jobs**

Job Title	Agency/Firm	Deadline
<a href="#">Manager, Transportation Planning</a>	Metro (Public Transportation Services Corporation)	28-Nov
	Los Angeles, CA	
<a href="#">Senior Transportation Planner</a>	Stanislaus Council of Governments	1-Dec
	Modesto, CA	
<a href="#">Student Professional Worker (5 positions): Urban Planning, Urban Design, or Transportation Planning</a>	LADOT	15-Dec
	Los Angeles, CA	

<u>Complete Street Designer/Active Transportation Planner (#USPL15)</u>	Steer Davies Gleave	
	Los Angeles, CA	
<u>Graduate Interns</u>	SGVCOG	
	Alhambra, CA	
<u>Internships with the Science and Technology Innovation Program</u>	Wilson Center	
	Washington, DC	
<u>Transportation Associate I</u>	ELTP program at LA Metro	
	Los Angeles, CA	
<u>Planning Intern (#35438)</u>	WSP USA	
	New York, NY	
<u>Assistant Transportation Engineer (Entry Level)</u>	WKE	
	Santa Ana, CA	
<u>Bridge Engineer</u>	WKE	
	Santa Ana, CA	
<u>Civil Engineer</u>	LIN Consulting, Inc.	
	Irvine, CA	
<u>Industrial Engineering Supervisor</u>	UPS	
	Fontana, CA	
<u>Transportation Plan Reviewer</u>	South Coast Air Quality Management District	
	Diamond Bar, CA	
<u>Internship at Downtown Field Office</u>	LA City Hall	
	Los Angeles, CA	
<u>Administrative Intern - Planning Division (#17-009)</u>	City of Manhattan Beach	
	Manhattan Beach, CA	
<u>Metro Administrative Intern</u>	Metro Vanpool Program	
	LOS Angeles, CA	
<u>Senior Transportation Engineer (#160838BR)</u>	AECOM	
	Virginia Beach, VA	
<u>Traffic Engineer - ITS</u>	AECOM	
	San Jose, CA	
<u>GIS Developer (#33925)</u>	WSP USA	
	Sacramento, CA	
<u>Strategic Planning Manager - Train Operations and Transportation (#34072)</u>	WSP USA	
	Sacramento, CA	
	Fehr & Peers	

<u>Mid- to Senior-Level Transportation Project Manager</u>	San Francisco/San Jose/Walnut Creek, CA	
<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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