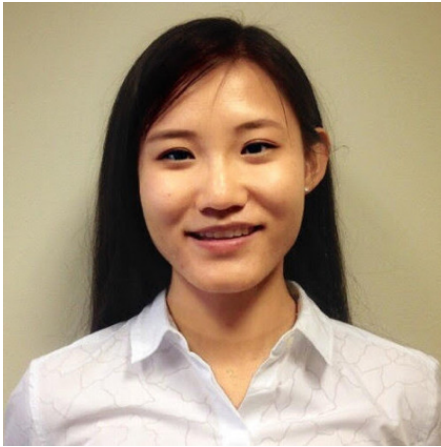


METRANS

Transportation Center

USC | CSULB

METRANS on the Move: Our Weekly Newsletter for Students



Welcome to METRANS On the Move, a weekly transportation newsletter produced by students. Want to keep up with what's going on in the transportation field? Click the button below to subscribe and never miss any of our many featured professional and academic opportunities! You do not need to be a student to join us - we invite contributions from throughout the transportation community of both content and original articles. Contact me or METRANS Associate Director Victoria Deguzman at victoriv@usc.edu to share your events, opportunities, news, and stories on this METRANS platform and reach an audience of thousands of transportation enthusiasts like you!

Rui Zhang
Editor-in-Chief of METRANS On the Move
zhan305@usc.edu

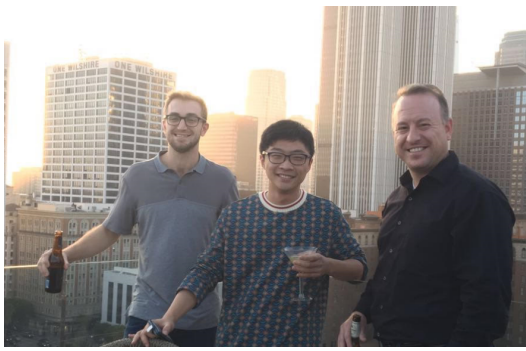
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In the News

**Spotlight on USC Alum
Victor ShengAo Xie**

**By Dr. Gabriel Jiangbo Yu,
Fehr & Peers (R&D)**

ShengAo Xie (Victor) completed his Master of Planning degree from USC with a concentration



in transportation, and recently joined AECOM as a transportation planner in their downtown Los Angeles office. [Read more here.](#)



WTS LA Hosts Senate Bill 1 Panel Discussion

***By Monica Ramirez-Ibarra,
UCI MSTE/MURP 2018***

On October 5th, WTS-LA hosted a luncheon panel focusing on Senate Bill 1 (SB-1), a legislative package of \$54 billion signed into law on April 28, 2017, for maintenance and rehabilitation of California's transportation infrastructure, focusing on safety, congestion, transit, and the improvement of freight mobility throughout the state. [Read more here.](#)



6 Cities That Have Transformed Their Highways Into Urban Parks

Building a highway in a city is often thought of as a solution to traffic congestion. However, the induced demand theory has shown that when drivers have more routes, they choose to continue using this medium instead of using public transport or a bicycle, and as a result, congestion doesn't decrease. As a result, some cities have chosen to remove spaces designated for cars and turn what was once a highway into urban parks and less congested streets. [Read more here.](#)

Get Involved

MIOVISION Webinar
Smarter intersections for Southern California
November 22, 2017, 10:00 am – 11:00 am Pacific Time

In this webinar you'll learn how:

- Traffic analytics will help you to improve mobility and enhance performance of traffic network
- You can use video analytics and traffic AI for detection and advanced analytics
- Open architecture lays the foundation for vehicle-to-infrastructure (V2I) technology while enabling transit priority and emergency pre-emption today

Speaker: Tom Schnekenburger, Miovision's Account Executive for California.

More Info & RSVP

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

METRANS PSR has a limited number of sponsored spots for complimentary student attendance to this event. Please email Maddie Bhattacharyya at mbhattach@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

Flyer

METRANS PSR has a limited number of sponsored spots for complimentary student attendance to this event. Please email Victoria Deguzman 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

More Info & Tickets

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

**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

**INSPIRE University Transportation Center Free Webinar
Drone-Enabled Remote Sensing for Transportation Infrastructure Assessment
National Travel Monitoring Exposition and Conference
December 13, 2018, 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

METRANS PSR has a limited number of sponsored spots for complimentary student attendance to this event. Please email Victoria Deguzman 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**

More Info

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

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

- 67,000 ft.² (6,200 m²) & \$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**

Flyer

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,

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 or Rye Baerg 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

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

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.

More Info

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, and to Patricia Mokhtarian, Georgia Institute of Technology, at patmokh@gatech.edu.

If you have any questions, please email Rolf Moeckel at rolf.moeckel@tum.de.

More Info

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 by the deadline of February 15, 2018.

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

More Info About NARSC

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 (if any)
<u>Assistant Planner (#18622)</u>	City of Houston Planning & Development Department	26-Nov
	Houston, TX	
<u>Transportation Planner I (#18622)</u>	City of Houston Planning & Development Department	26-Nov
	Houston, TX	
<u>Senior Transportation Planner</u>	Stanislaus Council of Governments	1-Dec
	Modesto, CA	
<u>Student Professional Worker (5 positions): Urban Planning, Urban Design, or Transportation Planning</u>	LADOT	15-Dec
	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>Intern - Civil (#33510)</u>	WSP USA	
	Fresno, CA	
<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>Temporary Air Quality Specialist – Transportation Programs</u>	South Coast Air Quality Management District	

	Diamond Bar, 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>Director of Land Use & Planning</u>	The 11th Council District	
	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	
<u>Mid- to Senior - Level Transportation Project Manager</u>	Fehr & Peers	
	San Francisco/San Jose/Walnut Creek, CA	
<u>Multiple Openings</u>	DKS Associates	
	CA, OR, WA	
<u>Senior Project Manager - Rail - Transit (#0817-16708)</u>	HNTB	
	New York, NY	
<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	

METRANS Student Newsletter Staff

Rui Zhang | Publisher, Editor in Chief | zhan305@usc.edu
Eric Tunell | Editor | tunell@usc.edu
Prithvi Deore | Assistant Editor | pdeore@usc.edu
Anusha Ramakrishnan | Assistant Editor | ramakria@usc.edu
Yilin Zhang | Career Opportunities Editor | zhangyil@usc.edu
Hue-Tam Jamme | Research Editor | jamme@usc.edu

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METRANS Transportation Center
University of Southern California
650 Childs Way, RGL 107
Los Angeles, CA 90089-0626

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