

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. In this issue we feature the accomplishments of students from partner schools USC, UC Davis and UCLA, as well as numerous opportunities for engagement and employment. 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.

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In the News



My Own Meandering Experience
- Perspective from a UC Davis Graduate Student
By Zane McDonald, UC Davis TPP 2018

Zane McDonald, second-year TPP graduate student, speaks from his own meandering experience about how the [Transportation Technology and Policy \(TTP\)](#) program and [ITS-Davis](#) have helped him to prioritize and address the questions he faces as a budding intellectual in the transportation sector. **Read more [here](#).**



**2017 Ava Doner Undergraduate \$7,500
Scholarship Winner:
Camila Salomon Gnecco**

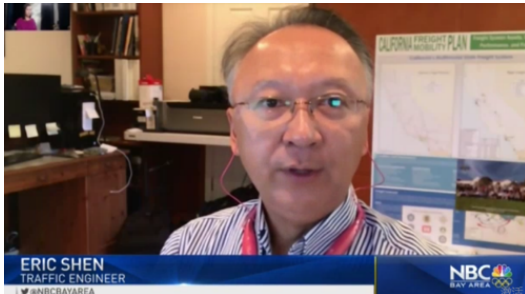
For USC's Camila Salomon Gnecco, it is the first step in what promises to be a long, productive career in transforming the world through transportation. A civil engineering major in the Viterbi School of Engineering, Gnecco has gained incredible experience to match her academic training in a very short time.

Read more [here](#).



**WTS-LA Directors' Scholarship: Why
Scholarships Matter**

By virtually every measure, Ashlien Savage is unlike any other scholarship winner. After raising and homeschooling seven children and co-managing her husband's business, she earned a bachelor's degree in psychology from UCLA. Then, she rejoined the workforce and in 2015 became an administrative analyst for Foothill Transit. **Read more [here](#).**



**USC Professor Eric Shen Interviewed
by NBC on Castro Valley
Sidewalk Safety**

Fewer than half the streets in Castro Valley have sidewalks, and residents say walking around safely is a daily struggle. Professor Eric Shen provided his suggestions during the interview.

Watch the video [here](#).

Get Involved

**Kittelson & Associates, Inc Webinar
Exploring a Career in Transportation
Monday, November 6, 2017, 3:00 pm, Pacific Time
Tuesday, November 14, 2017, 6:00 pm, Pacific Time**

Join the webinar on how Kittelson's [internship program](#) can help you refine and explore your interest in becoming a transportation professional.

In the webinar, CEO and senior principal engineer [Mark Vandehey](#) will discuss how Kittelson's planners and engineers approach and solve the complex transportation issues facing communities today. He'll share his thoughts, experiences, and advice for students evaluating a career in the field and discuss the future of the profession.

Transportation analyst [Kylie Caviness](#) and engineering associate (and former Kittelson intern!) [Jennifer Musselman](#) will present an overview of the [internship program](#). During this portion of the webinar, you'll hear first-hand how the internships are unique and challenging.

More Info & RSVP

2017 METRANS/PSR Fall Industry Outlook
Transportation Networks for the Digital Age: Delivering the Benefits of Connectivity
November 7, 2017, 5:00pm reception; 6:00pm Panel
USC University Park Campus, Tutor Hall (RTH) 526 Board Room

Moderator:

Lisa Schweitzer - Associate Professor, Sol Price School of Public Policy

Panel Speakers:

Steven Gota - Deputy Executive Officer, Highway Program, LA Metro

Jim Misener - Senior Director, Technical Standards Qualcomm

Greg Larson - Chief, Office of Traffic Operations Research,
Caltrans Division of Research, Innovation and System Information

Sam Morrissey - Associate Vice President, Iteris, Inc.

RSVP to Doug Feldman at feldmand@price.usc.edu

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.

WTS-OC Event

Emerging Trends and Technology in Transportation

November 13, 2017, 5:00 pm - 7:30 pm

The Promenade & Gardens, 1570 Scenic Ave, Costa Mesa, CA 92626

Randy Iwasaki, Executive Director of Contra Costa Transportation Authority (CCTA), shares the agency's efforts to pilot the first-ever Shared Autonomous Vehicle (SAV) network in North America. The program is being tested at GoMentum Station, which is the largest secure AV proving grounds in the US. The estimated cost to run a two-car pilot for two years is \$7 million. Mr. Iwasaki will describe the successes/challenges CCTA has had to overcome through progressive leadership, innovation, and partnership with the private/public sectors.

More Info & RSVP

LA CoMotion

Be at the Heart of the Mobility Renovation

November 15-19, 2017

Los Angeles Arts District

LA CoMotion is on the lookout for motivated volunteers available to help during the event. LA CoMotion is a unique five-day event bringing together the global leaders of the urban mobility revolution. Academics, innovators, industry and policy leaders will meet to discuss these topics. The event will open up to the general public on the weekend of November 18-19, as it is essential that Angelenos take part in this critical conversation. This will be an unparalleled event happening in the Arts District's Colyton Street, notably the Container Yard, the Architecture and Design Museum and the Los Angeles Cleantech Incubator.

The presence and assistance of the volunteers are decisive in making LA CoMotion run smoothly. On-the-ground responsibilities will include assisting with media/communication tasks, event logistics, orienting guests, workshop facilitation etc. This is a great opportunity to hear some of the leading global actors in the mobility sector.

To sign up or if you have any questions, please contact Lucas at lsnajje@lacomotion.com

More Info

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)

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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, 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

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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**

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ITE Events

2017 ITE Student Chapters Night Highlights
<https://www.smugmug.com/gallery/n-vfJnk/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.**

Scholarships & Academic Opportunities

2018 Lifesavers National Conference on Highway Safety Priorities Traffic Safety Scholars Program (TSS)

Call for Applications: due November 18, 2017

The TSS Program provides awards of up to \$1,000 to help full and part-time undergraduate and graduate students defray the cost of attending the nation's largest gathering of traffic safety professionals April 22-24 in San Antonio, Texas.

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

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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.

More Info

**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

**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, 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

Randall Lewis Data Science Fellowship Application Winter Cohort: August to November

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 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.

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Internships & Jobs

Job Title	Company's Name	Deadline
The Transportation Services Policy Analyst	Office of the Mayor, City of Los Angeles	10-Nov
	Los Angeles, CA	
Senior Transportation Planner	Stanislaus Council of Governments	1-Dec
	Modesto, CA	
	WSP USA	

<u>Planning Intern (#35438)</u>	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>Marketplace Account Manager</u>	Air Spares Unlimited, Inc.	
	Chicago, IL	
<u>Summer Intern Associate Account Manager</u>	Air Spares Unlimited, Inc.	
	Chicago, IL	
<u>Records Forensic Analyst (RFA)</u>	Air Spares Unlimited, Inc.	
	Chicago, IL	
<u>Software Developer (SD)</u>	Air Spares Unlimited, Inc.	
	Chicago, IL	
<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 (PT) (#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>	11th Council District	
	Los Angeles, CA	
<u>Fall Research Internship (submit resume to CampusRecruiting@moodys.com)</u>	Moody's Analytics	
	San Francisco, CA	
<u>TDM and Programs Specialist</u>	Alta	
	Portland, OR	
<u>Senior Transportation Engineer (#160838BR)</u>	AECOM	
	Virginia Beach, VA	
	AECOM	

<u>Traffic Engineer - ITS</u>	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>Area Rail Transit Construction Manager (#144682)</u>	HDR	
	Honolulu, HI	
<u>Senior Project Manager - Rail - Transit (#0817-16708)</u>	HNTB	
	New York, NY	
<u>US Planning Director</u>	Koukney 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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