

METRANS

Transportation Center

USC | CSULB

METRANS on the Move: Our Weekly Newsletter for Students



Dr. Deguzman, pictured at TRB 2018 with Doran Barnes, Executive Director of Foothill Transit, left, and Andrew Eisenlohr, USC PhD candidate in Urban Planning and Development, right

The function of education is to teach one to think intensively and to think critically. Intelligence plus character - that is the goal of true education.
- Dr. Martin Luther King, Jr.

Today, along with our nation, we remember and celebrate the life of Dr. Martin Luther King, Jr., and humbly dedicate this issue to him and to the ideals for which he stood. It's a great day to revisit the "I Have A Dream" speech delivered in 1963 in Washington, D.C.

<https://www.archives.gov/files/press/exhibits/dream-speech.pdf> We also call your attention to Dr.

King's thoughts on the purpose of education, quoted above, and hope that you are inspired to pursue a life of learning and growth, in both knowledge and character. We appreciate you, our reader, and encourage you to continue to share this newsletter broadly and your ideas for content with us. In the words of Dr. King, ***We "have the audacity to believe that peoples everywhere can have three meals a day for their bodies, education and culture for their minds, and dignity, equality, and freedom for their spirits."***

Victoria Deguzman
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In the News

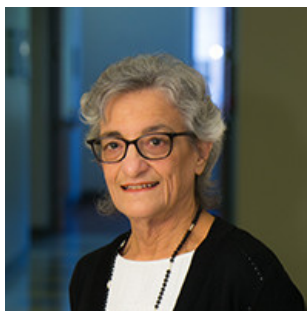
The articles in this newsletter are prepared or accomplished by others in their personal capacity. The opinions expressed are the author's own and do not necessarily reflect the views of METRANS or its partners.



METRANS Hosts USC & CSULB TRB Attendees

By Rui (Rae) Zhang, USC Price MPL 2018

On January 8, 2018, METRANS hosted its annual dinner to welcome USC and Cal State Long Beach attendees to the Transportation Research Board (TRB) annual conference in Washington, DC. [Read more here.](#)

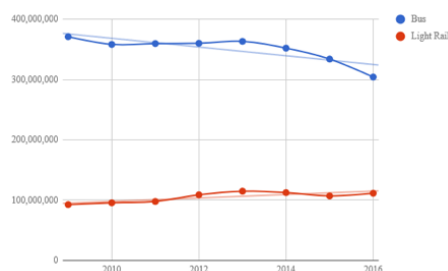


Giuliano Honored for Scholarly Contributions to Regional Science

When METRANS Director, USC Price School of Public Policy Professor Genevieve Giuliano was named the 2017 recipient of the Walter Isard

Award for Scholarly Achievement from the North American Regional Science Council (NARSC), she called it "a very big surprise."

[Read more here.](#)



Transit Ridership in Los Angeles County is on the Decline - METRANS NCST Researchers Weigh In

Although it sounds like commuters can leverage a variety of options to get around, 73% of

Angelenos drive alone to work, and only 6.8% utilize public transit. In fact, transit ridership has declined more than 19% since 2013.

[Read more here.](#)



California OKs More Than Half A Billion Dollars to Clean Up Freight Trucks, Trains, and Buses

In mid-December, California announced it would invest \$663 million in a plan to clean up particularly dirty fleets, especially those operating in low-income and disadvantaged neighborhoods.

Read more [here](#).

Get Involved

METRANS PSR has a limited number of sponsored spots for complimentary student attendance to this event. Please email Cherie Jiarui Li at jiaruil@usc.edu to secure your spot.

**Spring 2018 METRANS Speaker Seires
Lunch with Shawn Chavira Associate Director of Transit Services, USC
Wednesday, January 17, 2018, 12:00 pm - 1:00 pm at USC Doheny Library 233**

We are please to invite you to join Shawn A. Chavira, a transportation professional with over 12 years of experience in transportation contracting Management, named by Mass Transit Magazine as one of the "Top 40 under 40 Transportation employees in the nation" for lunch! In addition to his current position, managing the USC Bus and Campus Cruiser services, Shaw is a member of the City of Alhambra Planning Commission and recently served as a Homeland Security Specialist with LA Metro. He will share his experiences and advice for students, in particular for those considering a career in transportation.

We encourage you to join Shawn and your fellow students for lunch, and learn from a mid-career transportation professional!

See the flyer for more information.

Flyer

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

**Distinguished Industry Leader Speaker Series
USC AEC Construction Alumni Group
Speaker Event: Wednesday, January 17, 2018, 5:00 pm at USC Tutor Hall (RTH) 526**

USC construction alumni group will host its first Distinguished Industry leader event. This engaging, multi-event series will feature leaders from the AEC industry who will discuss the importance of Leadership in the E&C industry.

This first event will feature [Bob Card](#) of TCG and [Lou Cornell](#) of Jacobs Engineering. Both of the guests have great industry experience including chief executive positions and can offer great insight for the future of our industry. The session will be facilitated by Philip Stassi, recently retired President of Jacobs Global Buildings and Infrastructure. Both students and industry professionals should find this event inspiring and informative.

Our event on the 17th will begin with a short networking period followed by a presentation by each of our speakers. After the presentation, there will be a panel discussion with an interactive Q&A session.

Tickets and More Info

**Free Webinar - Florida International University
Accelerated Bridge Construction University Transportation Center (ABC)
Designer Perspective on Tackling ABC Projects
Spotlight on SHRP2 R04 Gila River Project
January 18, 2018, 10:00 am to 11:00 pm Pacific Time**

Certificate of Attendance: Each site registered for this webinar will receive an email for your response. Just click the first link in the email to obtain a certificate. Please contact Dr. David Garber at dgarber@fiu.edu if you have questions or need assistance with receiving your certificate.

RSVP & More Info

**Free TRB Webinar
Uses of Social Media During an Airport Emergency
January 18, 2018, 11:00 am to 12:30 pm Pacific Time**

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

Free TRB Webinar

Transportation Network Companies: Challenges and Opportunities for Airport Operators January 31, 2018, 11:00 am to 12:30 pm Pacific Time

TRB will conduct a webinar that features research from the [Airport Cooperative Research Program](#) (ACRP)'s [Synthesis 84](#): Transportation Network Companies: Challenges and Opportunities for Airport Operators.

This webinar will discuss how transportation network companies (TNCs) such as Uber and Lyft have become common providers of ground transportation at airports. The research summarizes the amount of revenue airports receive from TNCs and how TNCs are affecting airport operations and other businesses. Airport surveys show that terminology and signage for TNC customers across airports are inconsistent, that airport staff may need more resources to manage TNCs, and that this new mode is affecting how passengers use other important revenue sources such as public parking areas, other ground transportation operators, and rental cars.

RSVP & More Info

Diversity Panel

Hosted by Urban Planning Student Association at UCI Tuesday, January 23, 2018, 4:00 pm Social Ecology Room 112, University of California Irvine

Come grab some dinner, meet diverse planners in the Southern California region and engage in a discussion on diversity in the planning field.

RSVP & More Info

2018 APPAM California Regional Student Conference March 9 to 10, 2018 Claremont Graduate University, Claremont, CA

More Info for CA

2018 APPAM DC Regional Student Conference April 6 to 7, 2018 American University, Washington, DC Call for Abstracts: Applications Due January 26, 2018

More Info for DC

During these conferences, students will present research across a wide variety of policy areas, through poster sessions and on conference panels with their peers. Participating students will gain valuable research presentation experience, as well as receive important feedback from academics, practitioners, and other students. Students will have several opportunities to network and make connections with a diverse group of policy professionals, as well as other policy students.

USC Career Fest

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

Free TRB Webinar

Runway Protection Zone Risk Assessment Tool February 5, 2018, 11:00 am to 12:30 pm Pacific Time

TRB will conduct a webinar that features research from the [Airport Cooperative Research Program](#) (ACRP)'s [Research Report 168](#): Runway Protection Zones (RPZs) Risk Assessment Tool Users' Guide.

The research helps airport operators evaluate the risk of an aircraft accident within an RPZ. Although RPZs are supposed to be clear of structures and people, it is still common for activities to occur within an RPZ for many reasons, and these reasons can be beyond the control of the airport operator. This webinar will discuss the development of the Runway Protection Zone (RPZ) Risk Assessment Tool and the risk assessment framework that serves as the basis for the tool, and the presenters will demonstrate the tool.

RSVP & More Info

USDOT T3e Webinar

**Are Autonomous Vehicles Safe?
Understanding What's Already Here and What Needs to Happen
Tuesday, February 6, 2018, 9:30 am to 10:30 am**

The seminar will cover recently concluded and ongoing projects related to safety and regulatory concerns for the expanding market of Autonomous Vehicles (AVs). The work presented has been conducted within the past year at the RiSA2S Research Center of San José State University, a multi-disciplinary innovation center for the Risk and Safety Assessment of Autonomous Systems.

The activities of the lab are aimed at improving safety and better informing regulatory agencies in their recommendations for the certification process of autonomous systems.

RSVP & More Info

METRANS PSR has a limited number of sponsored spots for complimentary attendance to this event. Please email Jiarui Li at jiaruil@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, CSULB, UCI, and 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

**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

METRANS PSR has a limited number of sponsored spots for complimentary attendance to this event. Please email Yang Deng at dengyang@usc.edu to secure your spot.

**METRANS Student & Alumni Field Trip
March 24, 2018
Anaheim Regional Intermodal Transportation Center
Behind-the-scenes Guided Tour**

- 67,000 ft.² (6,200 m²) & \$185.2 million

- LEED Platinum certified

- 2015 Public Works Project of the Year (APWA)

Lunch and roundtrip Metrolink fare from LA Union Station included

For more information and to secure your spot, contact Yang Deng at dengyang@usc.edu

Flyer

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

**NaTMEC 2018
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

Scholarships & Academic Opportunities

**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: l.land@rpcgb.org
Phone: 205-264-8473

Flyer

**ITS California 2018 Scholarships
For Studies In Intelligent Transportation Systems (ITS)
Applications Due February 1, 2018
\$2,500 for the 2018-19 academic year**

Degree: Junior undergraduates, senior undergraduates pursuing a graduate degree and Masters/Ph.D. candidates in any ITS-related field including transportation planning, engineering, transit, transportation policy, etc.

Please select the appropriate scholarship information depending upon if you are a veteran or non-veteran.

Please see the flyers for more information.

Student Application

Veteran Application

**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 or phone (202-680-0091) with any questions in advance of submission.

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

**\$5,000 CTF Heckerroth 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 for the CTF Heckerth Scholarship download the application by clicking [here](#).

Contact CTF at sarah_west@transportationfoundation.org for more information.

More Info

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.

Flyer

2018 Parking Solutions Competition: Garage of the Future
Applications Due February 23, 2018

The International Parking Institute (IPI) Parking Solutions Competition is a design and development challenge for college students. This competition is a chance for students to express their rendition of The Garage of the Future. IPI seeks to engage students in a challenging parking solutions exercise based on real-world scenarios. Students can submit independently or form their own multidisciplinary teams. Finalists will be selected on the basis of creativity, innovation, realism, applicability, scalability, overall presentation and the idea's ability to benchmark success and demonstrate return on investment.

Notifications and invitations to the four finalists: **March 2018**
Four finalists to IPI's 2018 Conference and Expo: **June 2018**

More Info

\$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 for more information.

More Info

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 from September 30 to 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

10th National Aviation System Planning Symposium
21st Century Challenges in Aviation System Planning
May 20 - 22, 2018
The Lakefront Anchorage, 4800 Spenard Road, Anchorage, Alaska 99517
Call for Posters

The National Aviation System Planning Symposium (NASPS) is a triennial event organized with the goal of assessing the state of the art in system planning, addressing current issues confronting the airport and aviation industry, and identifying research needs to inform the future research agenda for aviation system planning.

The symposium brings together system planning consultants, airport and aviation system planners and managers, air carrier and other aviation industry representatives, Federal and state transportation officials, and others interested in the future development of the aviation system and its role in the larger multi-modal transportation system for two days of meetings, presentations, and networking. The NASPS provides a unique opportunity to gather people who are actively involved in planning the aviation system to focus on its future development and improvement for a sustainable, healthy future. The symposium is cosponsored by the Transportation Research Board committees on Aviation System Planning and [Intergovernmental Relations in](#)

Participation grants are available to provide financial assistance to enable suitably qualified graduate students to attend the 10th National Aviation System Planning Symposium. [Learn more about eligibility and other requirements of a Graduate Student Participation Grant online.](#)

More Info

Internships & Jobs

Job Title	Agency/Firm	Deadline
Summer Transportation Internship Program for Diverse Groups	US DOT	19-Jan
	State DOT office/partnering organizations	
Internship Opportunity	City of Santa Monica	9-Feb
	Santa Monica, CA	
2018 Gerhardt Internship	100 Friends of Oregon	15-Feb
	Portland, OR	
Internships with the Science and Technology Innovation Program	Wilson Center	15-Mar
	Washington, DC	
GIS Developer (#33925)	WSP USA	
	Sacramento, CA	
Strategic Planning Manager - Train Operations and Transportation (#34072)	WSP USA	
	Sacramento, CA	
Engineer/Planner - Entry Level	Fehr & Peers	
	Any Office	
Multiple Openings	DKS Associates	
	CA, OR, WA	
US Planning Director	Koukuey Design Initiative (KDI)	
	Los Angeles, CA	
Practice Leader, Transportation Planning (#LOS0006X)	ARUP	
	Los Angeles, CA	
Transportation Planner (#147981)	HDR	
	New York City, NY	
Transportation Planner (#170060Y)	JACOBS CH2M	
	Portland, OR	
Complete Street Designer/Active Transportation Planner (#USPL15)	Steer Davies Gleave	
	Los Angeles, CA	
Graduate Interns	SGVCOG	
	Alhambra, CA	
Transportation Associate I	ELTP program at LA Metro	
	Los Angeles, CA	
Planning Intern (#35438)	WSP USA	
	New York, NY	
Assistant Transportation Engineer (Entry Level)	WKE	
	Santa Ana, CA	
Mid-Level Traffic Project Engineer	LIN Consulting, Inc.	
	Irvine, CA	
Transportation Engineer II-UPS Freight	UPS	
	Dearborn, MI	
Administrative Intern - Planning Division (#17-009)	City of Manhattan Beach	
	Manhattan Beach, CA	
Associate Planner (#062217)	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	
<u>City Transportation Engineer (#04516)</u>	City of Hampton	
	Hampton, VA	
<u>Associate Planner</u>	City of Ojai	
	Ojai, CA	
<u>Ocean Freight Business Development Director</u>	CEVA Logistics	
	Torrance, CA	
<u>Associate Engineer - Traffic/Transportation (CIP)</u>	County of Napa	
	Napa, CA	

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