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1998 – 2018

METRANS on the Move: Our Weekly Newsletter for Students



METRANS Students at a public hearing held at Port of Long Beach.
From left to right: Wenbin Zhao, USC Viterbi MSCE-Transportation Engineering 2018; Rui (Rae) Zhang, USC Price MPL 2018; and Meiduo Ji, USC Price MPL 2018.

Welcome to METRANS On the Move, a weekly transportation newsletter produced by students. As the immediate past Editor-in-Chief, I sincerely appreciate subscribers' support and am proud to introduce the new Editor-in-Chief Priyanka Ramasamy to lead our newsletter from April! In this issue, you will read about PSR students' experience visiting ARTIC and KOA. We encourage you to take advantage of the many similar opportunities we feature each week.

Want your research/events/experience to be featured next? Please let us know so we can shine the spotlight on you! We invite contributions from throughout the transportation community of both content and original articles. Contact our new Editor-in-Chief Priyanka Ramasamy at pramasam@usc.edu or METRANS Associate Director Victoria Deguzman at victoriv@price.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!

Subscribe Now!

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 on the Move Welcomes New Editor-in-Chief Priyanka Ramasamy By Rui (Rae) Zhang, USC Price School MPL, Transportation, 2018

On behalf of METRANS on the Move, our student created and produced weekly newsletter, I am pleased to welcome its new Editor-in-Chief, Priyanka Ramasamy. Ramasamy is a second-year Master of Civil Engineering – Transportation Engineering student, and will take over the management of newsletter content, coordination of writing assignments, and publishing, from me. I am graduating this spring, and while I will miss this position, I know the newsletter is in good hands.

Read more [here](#).



Don't Just Rebuild the Collapsed Pedestrian Bridge in Miami

It's been three weeks since a pedestrian bridge that had been billed as "an engineering feat" collapsed over a busy Southwest Eighth Street in a Miami suburb, killing six motorists. So far, there are still more questions than answers about the cause of the incident near the Sweetwater campus of Florida International University. But beyond the technical reasons why the structure failed, there's a deeper issue: Was a 174-foot bridge that spanned eight lanes of traffic ever the best solution in the first place? Do we need to rebuild it or rethink the street?

Read more [here](#).



PSR METRANS visits ARTIC Center and KOA Associates

By Borui Zhai, USC Viterbi MSCE 2019

On March 24th, 2018, students and alumni from USC, UCLA, UCI, Cal State Fullerton and other universities visited KOA Corporation and the Anaheim Regional Transportation Intermodal Center (ARTIC) for behind-the-scenes guided tours. The two are located adjacent to each other in Orange County, California. **Read more [here](#).**

Get Involved

USC Price Urban Growth Seminar New Rail Stations and Residential Displacement: Examining Move Patterns Along Los Angeles Metro's Red, Purple and Gold Lines Tuesday, April 10, 2018, 12:00 pm to 1:15 pm Room RGL 101, USC University Park Campus

Join our Seminar to know about Seva Rodyansky's current research on residential mobility and neighborhood change, housing and real estate and transportation and travel behavior and her address on resident move patterns along LA Metro's Rail lines.

Distinguished Speaker:

Seva Rodyansky, *PhD Candidate - University of Southern California*

Lunch will be provided

RSVP required with Angela Lucero at arlucero@usc.edu by Monday, April 9, 2018

More Info

Spring 2018 PSR Research Seminar Why is Transit Ridership Falling? Wednesday, April 11, 2018, 12:00 pm to 1:30 pm Room RGL 100, USC University Park Campus

Join our Research Seminar to know more about why in Southern California our transit Ridership is falling and what causes this trend over the time across the region.

Distinguished Speaker:

Brian Taylor, *Professor and Director of Institute of Transportation Studies, UCLA Luskin School of Public Affairs*

Event Organized by

Pacific Southwest Region University Transportation Center (PSR UTC)

More Info

Spring 2018 METRANS Speaker Series Monday, April 16, 2018 12:00 pm to 1:00 pm Room RGL 100, University Park Campus, USC

Join our Speaker Series event with Elissa Konove to hear her experiences from high-level federal to her current position with a local rail operator. She will also share information about Metrolink, discuss the importance of regional rail in Southern California, offer suggestions for effective professional development, and provide tips for securing one of the many opportunities in rail and transportation.

Distinguished Speaker:

Elissa Konove, Deputy Chief Executive Officer, Metrolink

Lunch will be provided.

For Registration, please email Cherie at jjaruil@usc.edu

More Info

By Transportation Diversity Council

Save The Dates

Join the 2018 TDC Speaker Series at your convenient locations to know more about your topics below.

April 16, 2018 New York City on *Intermodalism and Innovation*.

April 26, 2018 at Washington DC on *Ensuring Resiliency for the National Infrastructure*.

May 2, 2018 at Los Angeles on *Transportation Network Connectivity (TBC)*

Esri MOOC 'The Location Advantage' Course

For New Users, Higher Education Students and GIS Professionals

Course starts on April 18, 2018

Join the 6 weeks training to learn how location analytics can be used in business. This instructor-led MOOC explores the capabilities of Esri Business Analyst Online.

Instructors:

Linda Peters, *Global Manager, Esri*
John Shramek, *Educational Specialist, Esri*

Registration closes on May 2, 2018
Free Online Training open for enrollment

More Info

ITS- Spring Speaker Series- UCLA Institute of Transportation Studies

Big Data and Urban Government: Effect of the Waze App on Traffic Policies in the Paris Region

Wednesday, April 18, 2018 12:30 pm to 2:00 pm

Room 5391, UCLA Luskin School of Public Affairs

Join Dr. Courmont to his research, which focuses on big data and digital platforms, to better understand how they disturb public policies and push for their transformation. Their capacity of collecting and analyzing digital traces spawns a need for policy reforms. His research analyzes the case of the Waze company to examine how this routing service influences local road traffic policies.

Distinguished Speaker:

Dr. Antoine Courmont, Scientific director of the Sciences Po's Cities and Digital Technology Chair

Free Registration.
Lunch will be provided.

More Info

UC-Davis Institute of Transportation Studies Seminar

Innovation and Disruption in Urban Mobility: Do We Need to Rethink Everything?

Friday, April 20, 2018 1:40 pm to 3:00 pm

UC Davis - 1605 Tilia, Room 1103, West Village

Technology, entrepreneurship and changing customer expectations are disrupting traditional models for mobility and challenging how public transportation operates. In the coming months and years, public transit agencies will face important, strategic decisions, each of which will need to be considered through the lens of adaptation. Join the seminar to know more and discuss many of the critical questions facing public transportation today.

Distinguished Speaker:

Susan Shaheen, Director, Innovative Mobility Research, *UC Berkeley*

Event sponsored by PSR UTC

More Info

Free TRB Webinar

Generating Revenue from Commercial Development On or Adjacent to Airports

Thursday, April 26, 2018, 11:00 am to 12:30 pm Pacific Time

TRB will conduct a webinar on Thursday, April 26, 2018, from 2:00 PM to 3:30 PM ET that features research from the Airport Cooperative Research Program (ACRP)'s Research Report 176: Generating Revenue from Commercial Developments on or Adjacent to Airports.

This webinar will identify the challenges and opportunities that developing land on or near airports can pose and the processes involved in determining if revenue-generating development is feasible. Presenters will cover a brief overview of the tools developed to determine this feasibility, how these tools can be used, and lessons learned from airports that have used them. This webinar is TRB's Airport Cooperative Research Program.

Webinar Presenters

Stephanie Ward, Mead & Hunt, Inc.
Diana Fainberg, Diana E. Fainberg Associates, LLC
Edward Moran, Lee County Port Authority

Registration questions? Contact Reggie Gillum at RGillum@nas.edu.

UC-Davis Institute of Transportation Studies Seminar

Planning An Integrated Active Travel And Green Infrastructure System For Mental Well-being In Disadvantaged Communities

Friday, May 25, 2018 1:40 pm to 3:00 pm

UC Davis - 1605 Tilia, Room 1103, West Village

Join the seminar to know about Dong's research study that will be able to propose urban policy solutions to health and infrastructure inequalities that plague many American cities, particularly those disadvantaged communities in small- and medium-sized cities. Advancing our understanding of the relationship between urban infrastructure, active travel and physical activities, and public health (particularly mental health), see how an integrated active system will benefit our communities.

Distinguished Speaker:

Gary (Hongwei) Dong, Associate Professor, City and Regional Planning,
California State University, Fresno

Event sponsored by PSR UTC

[More Info](#)

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](#)

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

PSR METRANS Field Trip

2018 Fleet Week

Saturday, September 1, 2018

Celebrating our U.S Armed Forces at Port of Los Angeles

Sponsored by

Pacific Southwest Region University Transportation Center (PSR UTC)

LA Fleet Week is a free public event celebrating our U.S. armed forces at our nation's #1 port, the Port of Los Angeles. A new Labor Day tradition in Los Angeles, the event welcomes active military ships and personnel to the LA Waterfront, and features public ship tours, military equipment demonstrations, live entertainment, educational activities and more.

[More Info](#)

Scholarships & Academic Opportunities

Advanced Master Of Science In Maritime and Air Transport Management Centre for Maritime & Air Transport Management

Join Master of Science in Maritime and Air Transport Management course offered by C-MAT to become top-notch executives and researchers in transport-related companies and organisations (shipping companies, port authorities, terminal operators, airlines, airports etc.) . a team of experienced and dynamic professors and various guest lecturers from academia and business will be involved. This can be of interest for your master or PhD students who want to come to study an extra year in Antwerp in an international environment. There are also [10 two-week specialised courses](#), on various maritime, air and research topics, which can be followed independently.

The courses are in co-operation with [TransportNET](#).

Limited number of Scholarships and Grants available.

[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.

More Info

Railway Association of Southern California Undergraduate and Graduate Scholarship Program Applications Due by April 24, 2018

The RASC will be awarding three \$2,500 scholarships to undergraduate students and three \$2,500 scholarships to graduate students for a total of six scholarships. The minimum criteria for the scholarships are:

- Undergraduate or graduate students who will be enrolled in Fall 2018 at a public or private higher education institution in Southern California (defined as Los Angeles, Riverside, San Bernardino, Orange, Ventura or San Diego counties) in a degree program which could lead to a career in the rail transportation industry.
- Minimum GPA of 3.0.
- Interested in a profession in the rail transportation industry such as engineering, planning, or operations.

The scholarships are competitive and based on the applicant's specific involvement in transportation, career goals, and academic record.

More Info

2018 SoCal American Public Works Association Scholarships Applications Due April 27, 2018

The APWA Southern California Chapter will be awarding scholarships, ranging from \$1,000 to \$5,000 to a limited number of graduating high school seniors and college students. Minimum qualification criteria include:

- Applicant must have a cumulative grade point average (GPA) of 2.5 or better, no exceptions.
- Applicant must enroll as a full-time student (a minimum of 12 units per semester) in a southern California community college, trade school, four-year college or university during the upcoming fall semester or quarter.
- Applicant must submit two letters of recommendation. One letter must come from a faculty member of their school. Recommendations from family members are not acceptable.

For questions, contact Tony Olmos at tonyo@cityofbrea.net or Carlos Castellanos at carloscastellanos_2@msn.com

More Info

CPF 2018 Scholarships Applications Due April 30, 2018

CPF invites planning students to compete for a number of scholarships offered to students enrolled in eligible planning programs in California. These scholarships are designed for continuing students entering their final year of an eligible undergraduate or master's degree program. Criteria for the scholarships include academic performance, financial need, increasing diversity in the planning profession, and a commitment to serve the planning profession in California after graduation.

For questions, contact Hilary Nixon, Ph.D. at hilary.nixon@sjsu.edu or Kelly Main, Ph.D. at cpfapplications@gmail.com

More Info

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 Aviation](#).

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

SURE Program: Summer Research for Undergraduates June 11 - August 3, 2018

Program Benefits:

- Participate in cutting-edge research with top USC faculty
- Receive \$4,500 stipend, university housing, and travel to/from Los Angeles

- Gain experience and tools to enhance your application to competitive PhD programs
- Explore the rich and diverse culture of Southern California during a two-month stay in Los Angeles while learning about the resources at USC
 - Develop lasting friendships with fellow participants
- Receive an application fee waiver for future graduate study at USC

[More Info](#)

**AAUW Educational Funding And Awards
For Graduate and Doctoral Students
Applications open by August 1, 2018**

The American Association of University Women offers various educational funding and grants to women pursuing Graduate and Doctoral Programs aiming to improve their quality of life and social barriers. AAUW calls for applications from women pursuing education in Graduate and Doctoral Programs to win grants and achieve more in their careers.

Few of the grants are below.

American Fellowships: Applications are open August 1 through November 15, 2018. Funding amounts are \$6,000 to \$30,000. Women pursuing full-time study to complete dissertations, conducting postdoctoral research full time, or preparing research for publication for eight consecutive weeks.

International Fellowships: Applications are open August 1 through December 1, 2018. Funding amounts are \$18,000 to \$30,000. Women pursuing full-time graduate or postdoctoral study in the United States who are not U.S. citizens or permanent residents.

[More Info](#)

**Accepting Nominations for VREF Advanced Studies Institute
on Sustainable Urban Freight Systems (VASI-SUFS)
August 4th - 11th, 2018
Rensselaer Polytechnic Institute in Troy, New York
Nominations due by March 23, 2018**

Rensselaer Polytechnic Institute is organizing the 2018 VREF Advanced Studies Institute on Sustainable Urban Freight Systems (VASI-SUFS) which will bring together a select group of Junior Faculty, Post-Docs, and advanced PhD students conducting research on sustainable urban freight systems (UFS). The main goal is to develop a new generation of researchers and practitioners with a holistic view of UFS issues and their solutions that, ultimately, will bring about new paradigms of freight transportation research, education, practice that foster sustainable UFS.

The VASI-SUFS is organized and supported by Rensselaer Polytechnic Institute - VREF Center of Excellence for Sustainable Urban Freight Systems; University of Southern California -MetroFreight/VREF; University of Gothenburg – Urban Freight Platform; and the Volvo Research and Educational Foundations (VREF). The organizers are looking for nominations for the VASI-SUFS which will be held at Rensselaer Polytechnic Institute in Troy, New York from August 4 – 11, 2018.

**Inquiries can be sent to freight@rpi.edu
For more information, see flyer below.**

[More Info](#)

**Seeking for Researchers
California Policy Lab**

California Policy Lab is searching for three, full-time research positions, including a post-doc position in labor economics, one Ph.D. level staff position for homelessness research, and one statistical data analyst. These positions will work on a range of projects with me and with faculty and staff at the California Policy Lab, a new initiative at UCLA and UC Berkeley that supports research partnerships between university academics and California state and local government, focused on the analysis of administrative data. They are described in more detail below.

- 1) A post doc working directly with me on projects in labor economics based on a range of confidential administrative data sets.
- 2) A full-time Ph.D. level Research Director with the California Policy Lab (CPL).
- 3) A third position is for a full-time data analyst.

For more information about the California Policy Lab and to learn more about our current projects, visit:

www.capolicylab.org

If interested, email Kelle Taylor at kelletaylor@ucla.edu with resume and cover letter.

Internships & Jobs

This Week's Featured Opportunity

Transportation Engineer (Civil) at Caltrans



Final Filing Dates by 04/18/2018

More Info

Easy Application

Other Featured Positions

Job Title	Agency/Firm	Deadline
Associate Environmental Planner (Natural Sciences) (#102819)	Caltrans	4/18/2018
	Los Angeles, CA	
District NPDES Coordinator Senior Transportation Engineer (#JC-104960)	Caltrans	4/13/2018
	Los Angeles, CA	
Crash Testing Specialist and Lab Quality Manager Senior Transportation Engineer (# JC-106422)	Caltrans	4/26/2018
	Sacramento, CA	
Transportation Design Engineer	Moffatt & Nichol	
	Long Beach, CA	
Transportation Engineer (# 183751BR)	AECOM	
	Orange, CA	

We found **70+ more fresh positions** for you!

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METRANS Student Newsletter Staff

Priyanka Ramasamy | Publisher Editor-in-Chief | pramasam@usc.edu

Eric Tunell | Lead Editor | tunell@usc.edu

Irene Chen | Career Opportunities Editor | chen045@usc.edu

Prithvi Deore | News Editor | pdeore@usc.edu

Hue-Tam Jamme | Research Editor | jamme@usc.edu

Lin Zhu | Opportunities Editor | zhu113@usc.edu

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Our mailing address is:

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

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