It is my privilege to welcome you to this week's issue of METRANS On the Move, a student-run weekly transportation newsletter. I am METRANS Assistant Editor Lin Zhu, USC Viterbi Transportation Engineering graduate student. This week's news features our recent professional development lunch with Suzanne Dworak-Peck, and news on causes of traffic jams. We are always looking for new sources of knowledge, articles and content, and encourage you to reach out to us with your ideas. Please contact me, any of the student assistants, or METRANS Associate Director Victoria Deguzman at victoriv@usc.edu to join the effort!

Lin Zhu
USC MSCE 2019
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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.

WIM and METRANS Lunch with USC Trustee Suzanne Dworak-Peck
By Richard Aviles,
USC MSW & MPL 2019
On March 6th, 2018, at the USC Doheny Memorial Library, USC Women in Management (WIM) and METRANS hosted USC alum Suzanne Dworak-Peck in a lunch conversation centered around her life and career, her principles, and her advice. Suzanne Dworak-Peck has served as President of the National Association of Social Work, is a member of the USC Board of Trustees, and is a proud social work practitioner. Read more here.

About 50% Of The Major Roads Don't Pay For Themselves
Most people in this country think that gas taxes and other vehicle-related user fees cover the cost of building and maintaining our nation’s roadways. This belief is a big part of the reason that we continue to build new capacity even as our roadways deteriorate, and fail to invest in more cost-effective and efficient forms of transportation such as: literally everything else. Read more here.

Want Congestion Pricing? Be Specific
If congestion pricing is to become law in New York and be viable as a congestion mitigator, it's time to get specific. Seems unlikely 2018 will be the year of congestion pricing. And there is a need for us to talk about it not as an abstract idea but as a set of discrete and thoughtful plans. There are currently only five congestion pricing schemes in the world that approximate what New York was trying to do, so it's more important to consider the nuts-and-bolts of each program. Read more here.
What's Causing This Traffic Jam? If You Tailgate It Is Caused By Someone Like You

Perhaps you're one of them — someone who, in the rush to get from points A to B, instinctively creeps up on the rear bumper of the cars or trucks ahead of you, one after another, until they either switch lanes and allow you to pass or speed up themselves. Or maybe it just seems inevitable in heavy traffic. But a new report suggests that such tailgating is actually a big cause for "phantom traffic jams" that arise seemingly out of nowhere. Read more here.

Get Involved

In Conversation With Geraldine Knatz
Tuesday, March 27, 2018, 12:00 pm to 1:00 pm
The Huntington Seaver Classrooms, Munger Research Center

Join Geraldine Knatz, Professor of USC Viterbi and Price School and former Director of Port of Los Angeles to know about her work Angel's Gateway: Los Angeles and Its Port, telling the history of perspective of the people who worked there, city and harbor officials, businessmen and private citizens whose names may not be familiar to many because their actions, contributions and disputes have never been chronicled before.

Event open to anyone interested. No registration required.

More Info

Town Hall Meeting
On Clean Air Action Plan 3.0 Balancing Benefits and Costs
March 29, 2018, 6:00 pm
CSULB Gerald Daniel Recital Hall, 6200 Atherton Street, Long Beach

Join the 2018 CITT State of the Trade and Transportation Industry Town Hall Meeting, outside the box and outside the gate discussion on what CAPP 3.0 means for the Ports of Los Angeles and Long Beach and the region.

Event reception starts at 4:30 pm.
Free event with free parking available. Seating limited.

More Info

2018 Transportation & Infrastructure Speaker Series Meeting
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)

More Info & RSVP

Free TRB Webinar
The Future of Airport Surface Management Tools and Benefits to Operational Efficiency
Monday, April 2, 2018, 11:00 am to 12:30 pm Pacific Time

TRB will conduct a webinar on Monday, April 2, 2018, from 11:00AM to 12:30PM PT that discusses the current use and future implementation of airport surface management tools as they relate to operational efficiency and delay reduction. The efficiency of surface movement is a key component to maintain the operational flow and to consistently realize the full capacity of the airfield and surrounding airspace at many congested large hub airports. Along with other data exchange technologies to support gate-to-gate operations, the current and evolving surface management tools are being integrated with the Next Generation Air Transportation System.

This webinar was organized by the TRB Standing Committee on Airfield and Airspace Capacity and Delay.

Webinar Presenters
Ralph Tamburro, Port Authority of New York and New Jersey
Al Capps, NASA
Michael Huffman, Federal Aviation Administration

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

More Info

Spring 2018 METRANS Speaker Series
Thursday, April 5, 2018, 12:00 pm to 1:00 pm
Room RGL 219, USC University Park Campus

Join our Speaker series and hear on 'Recalibrating the city: Advocacy by Design' from a visionary and landscape designer to know how in Los Angeles we see a shift to epitomize the challenges of densification and reinventing public spaces with the city's outward growth.

Guest Speaker:
Mia Lehrer, FASLA, Founder of MLA

We encourage you to bring your Lunch.
Free TRB Webinar
Addressing Significant Weather Impacts on Airports
Thursday, April 5, 2018, 11:00 am to 12:30 pm Pacific Time

TRB will conduct a webinar on Thursday, April 5, 2018, from 11:00 AM to 12:30 PM PT that features research from the Airport Cooperative Research Program (ACRP)'s Report 160: Addressing Significant Weather Impacts on Airports.

This research provides a web toolkit that raises airport operator awareness about vulnerabilities caused by significant weather events. The webinar will showcase and demonstrate the Airport Weather Advanced Readiness (AWARE) toolkit, which helps airports identify potential severe weather threats and assess whether they are prepared for them. This toolkit focuses on events that are “rare but plausible”; that is, events that may have happened in the distant past, or in adjacent geographic areas, but are not common event types at the airport itself, and therefore may not be in the forefront of the airport managers’ minds.

This webinar is TRB’s Airport Cooperative Research Program.

**Webinar Presenters**
Beth Rodehorst, ICF
Cassie Bhat, ICF
Dave Cunningham, Denver International Airport

This webinar is approved by the American Institute of Certified Planners for 1.5 Certification Maintenance Credits.

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

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2018 APPAM DC Regional Student Conference
April 6 to 7, 2018
American University, Washington, 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.

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Spring 2018 PSR Research Seminar
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

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

**Breakfast with Metro Chief Planning Officer, Therese McMillan**
Wednesday, April 11, 2018, 7:00 am to 10:00 am
Millennium Biltmore Hotel, 506 S Grand Avenue, Los Angeles, CA 90071

Join WTS-LA's breakfast with Metro's Chief Planning Officer event to network and have breakfast with Theresa McMillan to learn more about active transportation, long range planning and grant funding and initiatives from her in-charge.

**Event Organized by**: WTS-LA
**Registration deadline**: April 6, 5 pm Pacific time

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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
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.

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.

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.

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.

PRiMO Conference 2018 -Technology and Disaster Risk Reduction
Call for Session Proposals
August 6 - 9, 2018
Hawaii Convention Center, Honolulu, Hawaii.
Submissions due March 30, 2018

The Pacific Risk Management ‘Ohana recognizes the value of collective action and are committed to enhancing cooperation, coordination, and collaboration to strengthen and sustain hazard resilient communities. PRiMO welcomes all stakeholders working at the intersection of technology and hazard and climate resilience to submit session proposals. This year’s theme will be Technology and Disaster Risk Reduction, The Good, the Bad and the Ugly. By looking broadly at where technology is needed to reduce risk—and where it may be headed—we can empower the PRiMO ‘Ohana to maximize the good, minimize the bad, and realize the vast possibilities for technology that fulfills PRiMO’s vision for a resilient Pacific region.

Proposals are welcome for the following session types-
Full Length Sessions, Training, Individual and Academic Presentations.
See the flyer for more information.

$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%); undergraduate 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.

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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 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.

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### Railway Association of Southern California

**Undergraduate and Graduate Scholarship Program**

**Applications Due by April 24, 2018**

The RASC will be awarding three $2500 scholarships to undergraduate students and three $2500 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.

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### 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.

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### SURE Program: Summer Research for Undergraduates

**June 11 - August 3, 2018**

**Program Benefits:**
- Participate in cutting-edge research with top USC faculty
- Receive $4500 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

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### 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.

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.

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 Positions

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<tr>
<th>Position</th>
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<th>City</th>
<th>Date</th>
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<tr>
<td>Assistant Planner(#18-14-O)</td>
<td>City of Menifee</td>
<td>Menifee, CA</td>
<td>15-Apr</td>
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<td>AECOM</td>
<td>Orange, CA</td>
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<td>Entry-Level Traffic Engineer (# 36830)</td>
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<td>Traffic Engineering Intern(#148997)</td>
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<td>Civil Engineer I(#293657)</td>
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We found 150+ more fresh positions for you!

Click here for more Jobs and Internships