

METRANS

Transportation Center

USC CSULB

METRANS on the Move: Our Weekly Newsletter for Students



Welcome to this week's issue of METRANS on the Move! This newsletter is a team effort to foster knowledge and opportunities related to transportation. If you have suggestions for content – events, scholarships, jobs, and more – that you'd like to see included, just reach out to our Editor-in-Chief Lauren Mullarkey-Williams at mullarke@usc.edu or any of our student staff listed at the end of the newsletter. Enjoy this week's issue, and click the button below to subscribe!

[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.



Andreas Molisch Wins IEEE ComSoc Award By: Adylbek Abdykalikov, IPPAM 2020

Andreas Molisch, Professor of Electrical Engineering at USC Viterbi School of Engineering won the 2018 IEEE Communications Society's Edwin H. Armstrong Achievement Award. The Technical Achievement Award was presented to Dr. Molisch for his pioneering contributions to wireless channel measurement and modeling and spectrally efficient wireless transmission techniques." This includes research that was funded by METRANS Transportation Center.

[Read more here.](#)



ACSP Student Spotlight: Kristian Castro

Kristian Castro is a dual-degree Master of Planning and Master of Public Administration student in the Sol Price School of Public Policy at the University of Southern California. He will be graduating in May of 2019 with a concentration in Economic Development and a Certificate in Public Financial Management. Kristian holds a BA in Communication from UC San Diego.

[Read more here.](#)

She Grows Cities Planner Profile: Dongyang Linda Lin

Planner Profile is a regular series that features female urban planners and the vital work they do to build better cities. Here is Dongyang Linda Lin, who is a planning professional from Guongzhou, China tackling transportation policy issues in LA!

[Read more here.](#)



National Center for Sustainable Transportation Explains New Induced Travel Calculator

The National Center for Sustainable Transportation will host a webinar later this month to discuss research that shows that building new and wider roads is at best a temporary fix for congestion. Most studies show that adding roadway capacity in congested areas ends up increasing the amount of travel over the entire network, negating any initial congestion relief.

Read more [here](#).

Get Involved

UCLA Institute of Transportation Studies Spring 2019 Lecture Series on Resilient, New Mobility Wednesday, May 8, 2019 12 pm Pacific Mong Learning Center (Engineering VI 180) - UCLA Campus

The UCLA Institute of Transportation Studies holds a number of events throughout the year, including lecture series, annual forum and symposium. This section will also feature events from our partners, including the Pacific Southwest Region 9 University Transportation Center, the UCLA Lewis Center for Regional Policy Studies, the UCLA Luskin Center for Innovation and the UCLA Smart Grid Energy Research Center, among others.

Upcoming Event:

Model Checking in a Time of Simulation
Timothy Brathwaite, Lyft

RVSP [here](#) or click below for more information.

More Info

TREC Friday Transportation Seminar: How AV Could Shape Our Cities - Research from the Netherlands Friday, May 10, 2019 11:30 am - 12:30 pm Pacific Karl Miller Center at PSU, 615 SW Harrison St., Room 465

Automated driving has become a hot topic of research in different fields of science. Despite the great advancements in the vehicle technology itself, researchers are now concerned in figuring out what will be the impacts of these vehicles in life as we know it. These impacts can be rather broad from traffic safety to the economy. In this lecture, Goncalo will focus on the research that is being done at TU Delft, a leading university in automated vehicles' (AVs) impacts research, focusing on urban areas and how mobility, and even the city itself, can change with fully-automated vehicles. Goncalo Correia will be covering impacts on the value of travel time, traffic congestion, land use, among others. This is work in progress that requires the involvement of all researchers interested in the topic, thus, in that sense, the lecture is intended more to foster research questions and methods than on giving final answers, which are still a bit far away.

Kelly Clifton and Chris Monsere of the Maseeh College of Engineering and Computer Science will lead a discussion with Goncalo about various aspects of AVs and their impacts on the future transportation.

Distinguished Speakers:

Dr. Gonçalo Correia, Assistant Professor in Civil Engineering and Geosciences, TU Delft University
Dr. Kelly Clifton, Associate Dean Of Research, Professor Of Civil And Environmental Engineering, Portland State University

More Info

ITS Davis Webinar: Measure M and the (Potential) Transformation of Mobility in Los Angeles Friday, May 10, 2019 1:40 pm - 3:00 pm Pacific 1605 Tilia, Room 1103, West Village UC Davis

In the last ten years hundreds of local governments across the United States have used direct democracy to increase funding for public transportation. Transit ridership, however, continues to fall, even in places where voters have explicitly approved new taxes to fund it. Why do voters support transit taxes, if they do not want to ride transit? This paper uses evidence from Measure M in Los Angeles—a large transportation ballot measure approved in 2016—to examine this question.

Distinguished Speaker:

Mike Manville, Associate Professor of Urban Planning, UCLA Luskin School of Public Affairs

More Info

**UCLA Luskin 12th Annual Martin Wachs Distinguished Lecture:
Designing the 30-Minute City
Thursday, May 16, 2019 5:00 pm - 7:30 pm Pacific
UCLA Public Affairs Building
337 Charles E Young Dr E, Los Angeles, CA 90095**

The 30-minute isochrone has long defined people's use of cities — from ancient times through the trams era to modern times. Networks and land use co-evolve with technology subject to the constraints of available time. There are opportunities (low-hanging fruit) to use design to reduce the costs of travel and thus increase access for relatively little monetary outlay. This talk discusses both the measurement of accessibility, why it matters, and how it might affect traveler behavior, institutional behavior, and public policy. Looking at data from rail and tram development in Sydney from the 1800s and Australia today, implications about the effects of accessibility will be described.

Distinguished Speaker:

David Levinson, Professor in the School of Civil Engineering at the University of Sydney and adjunct faculty in the Department of Civil, Environmental, and Geo-Engineering at the University of Minnesota

More Info

**TREC Friday Transportation Seminar (PBOT Edition): Enhanced Transit Corridors in Portland's Central City
Friday, May 17, 2019 11:30 am - 1:00 pm Pacific
Karl Miller Center at PSU, 615 SW Harrison St., Room 465**

Over the past two years, the Portland Bureau of Transportation and TriMet have joined forces to identify, design and build capital and operational treatments to help buses move more quickly and reliably through Portland's increasingly congested Central City. Already the densest concentration of people and jobs in Oregon, Portland's Central City is growing fast and increasing the speed and reliability of transit is key to achieving our City and region's transportation, climate and livability goals.

Working in partnership on PBOT's Central City in Motion plan and TriMet and Metro's Enhanced Transit Corridor program, the two agencies have identified a series of bus lanes that in the Central City that will make transit faster and more reliable throughout the region. Project staff will discuss how projects were identified and trade-offs weighed, share the most recent designs, and discuss the benefits to transit riders and the region, with a focus on approaches to the Hawthorne, Steel and Burnside bridges.

Distinguished Speaker:

Gabe Graff, Central City Capital Director at Portland Bureau of Transportation
Kelly Betteridge, Manager of Capital Planning at TriMet

More Info

**ENO Transportation Center Webinar:
"Rules of the Road" for Personal Transportation Devices (E-scooters, Segways, hoverboards, and more)
Tuesday, May 21, 2019 1:00 pm - 1:30 pm Pacific**

A new Mineta Transportation Institute (MTI) report explores the "rules of the road" around the use of emerging "personal transportation devices." Also known as "micromobility," the number and use of these devices has exploded in recent years, highlighted by the arrival of electric scooters in cities over the past couple of years. The report explores to the degree states, cities, and college campuses are or are not regulating these new devices. This webinar with the authors will review their findings and discuss recommendations from their recent report.

Distinguished Speakers:

Brianne Eby, Policy Analyst, Eno Center for Transportation
Kevin Fang, Assistant Professor, Sonoma State University
Asha Weinstein Agrawal, Professor, San Jose State University

More Info

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

**WTS-LA Update with the Ports
Wednesday, May 22, 2019 11:30 am - 1:30 pm Pacific
The Westin Long Beach
333 East Ocean Boulevard
Long Beach, CA 90802**

On May 22, WTS-LA puts you in front of major players from Southern California ports to discuss current and upcoming projects, innovations, and improvements.

The program is moderated by Eric Shen, Director, Mid-Pacific Gateway Office. Maritime Administration, U.S. Department of Transportation and includes a panel discussion featuring:

Port of Los Angeles' Deputy Executive Director, Tony Gioiello
Port of Hueneme's Chief Operating Officer, Christina Birdsey
Port of Long Beach's Deputy Executive Director, Dr. Noel Hacegaba

Want to know what's next for Southern California ports? Join us to hear it from the people who are driving these projects.

Interested in joining? Email Victoria Deguzman at VictoriV@price.usc.edu to claim your spot.

More Info

City of Tomorrow Symposium **Thursday, May 23, 2019** **The Container Yard** **Los Angeles, CA**

Join the conversation with city leaders, start-ups, disruptors, academia and businesses from around the globe to explore how together we can find solutions to improve mobility, equity, privacy and more to create the City of Tomorrow.

This event is hosted by Ford Motor Company. It will be a day-long convening of practitioners, academics, students, and start-ups who work in the mobility and city planning space, held downtown Los Angeles on May 23rd, and will be offered completely free of charge. The event will consist of engaging dialogue, interactive experiences, networking with leaders in the field, and more. The team hoping to invite academics, practitioners, and students – all who might be interested in the mobility of the future.

If interested in joining the event or knowing more, email Victoria Deguzman at VictoriV@price.usc.edu.

More Info

TREC Friday Transportation Seminar: Can Ridehailing Deliver Equity? Lessons for New Mobility Planning **Friday, May 31, 2019 11:30 am - 1:00 pm Pacific** **Karl Miller Center at PSU, 615 SW Harrison St., Room 465**

Modes including ridehailing, bikeshare, and e-scooters offer the potential to revolutionize how people travel. But as cities and agencies work to integrate these new services into the existing transportation landscape, the equity implications of these modes remain murky.

This talk presents research on ridehail travel and equity from Los Angeles and compares the equity outcomes of ridehailing to the previous status quo embodied by taxis. The research highlights both the promise of new mobility services and the remaining obstacles to delivering equitable access. Findings yields implications for policies that cities and planners can advance to ensure that new travel modes boost mobility for all, not just some, travelers.

Distinguished Speaker:

Anne Brown, Assistant Professor, University of Oregon

More Info

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

UCLA Institute of Transportation Studies: **Transportation Camp Los Angeles 2019** **Saturday, July 13, 2019 9 am - 5 pm Pacific** **UCLA Luskin School of Public Affairs** **337 Charles E Young Drive East, Los Angeles, CA 90095**

TransportationCamp LA is an open venue for sharing and learning about the region's transportation issues and successes, open to advocates, professionals, community members, and everyone passionate about mobility in Los Angeles and Southern California. TransportationCamp LA aims to be an open, forward-thinking event that brings together people of all facets of the transportation world.

TransportationCamp is not a formal conference - rather, as an unconference, it is driven entirely by attendees' interests and experiences. At TransportationCamp, there is no set agenda prior to the event. Sessions are determined at the beginning of the day and are drawn from proposals and ideas that attendees submit. A session can be any format: a presentation, an open discussion, a demonstration, a panel, or even a group exercise or game.

TransportationCamp covers urban transportation issues in all their forms, including economic, social, public health, and environmental impacts. Session topics in the previous TransportationCamp LA ranged from "Measuring Great Streets," to "Beyond Cars: Suburban Mobility," to "Equity & Inclusion in the Innovation Economy" and change every year to reflect the latest research and questions of the moment. Have thoughts on the proliferation of scooters and shared mobility devices across LA, or the Metro's Twenty-Eight by '28 transportation projects? Get your own session started just with an oversized Post-It note.

More Info

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

FuturePorts 2019 Annual Conference Strong Ports = Strong California: **Making Waves: California's Role in Innovation and the Global Economy** **Wednesday, July 31, 2019 8 am - 2 pm Pacific** **Hotel Maya | Long Beach, CA**

Our signature annual event, Strong Ports=Strong California will focus on the drivers of port development in southern California as well as explore the challenges facing our industry. Topics could include upcoming capital projects throughout the SoCal supply chain, the impacts of new regulations, balancing the costs of implementing elements of green port plans with improving air quality, how tariffs are impacting port operations and what the future of terminals looks like.

This event attracts hundreds for an informative day filled with networking, presentations, and exhibit hall. Attendees include port leadership, elected officials, transportation agency project managers and executives, environmental consultants, warehousing and logistics

companies, labor, terminal operators, beneficial cargo owners, shippers, community leaders, contractors, and more.

[More Info](#)

Scholarships & Academic Opportunities

Railway Association of Southern California: 2019 Annual Scholarships **Applications due: May 8, 2019**

Since 1996, the Railway Association of Southern California (RASC) has been dedicated to promoting the diverse professions within the railroad industry and sponsoring fellowship among railroad professionals in the Southern California area. 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.

The minimum criteria for the scholarships are: Undergrad or graduate students enrolled in Fall 2019 at a public or private education institution in Southern California in a degree that may lead to a career in rail transportation; minimum 3.0 GPA; interest in a profession in the rail transportation industry such as engineering, planning, or operations.

Application forms may be downloaded from the Railway Association website at <http://railwayassociation.org/scholarships/>.

[More Info](#)

IBTTA Foundation Scholarship Program **Applications due: May 9, 2019** **IIT Bombay, India**

The International Bridge, Tunnel, and Turnpike Association (IBTTA) Foundation has established a scholarship program to assist current undergraduate students pursuing a degree in one of the eligible fields listed below.

Applicants to the IBTTA Scholarship Program must be current undergraduate college students who have completed at least two full semesters of undergraduate coursework at the time of application (30 credit equivalent) and who are pursuing a degree in one of the following fields: Engineering, City and Regional Planning, Construction Management, Public Policy, or Public Administration. Applicants must also be planning to enroll in full-time undergraduate study at an accredited four-year college or university for the entire upcoming academic year and have a minimum grade point average of 2.5 on a 4.0 scale (or its equivalent). International students may apply.

To learn more about the eligibility, awards, and how to apply, click [here](#).

[More Info](#)

Movers & Shakers Scholarship: Supply Chain & Logistics Scholarship Fund **Applications due: May 15, 2019**

Are you a college student pursuing a career in logistics or supply chain management? Funded by LJM Group, the Movers & Shakers Scholarship is an annual scholarship offered to qualified students and researchers looking to make a difference by reducing supply chain costs without compromising customer service.

Eligible majors include but are not limited to:

Supply Chain Management (SCM); Logistics & Supply Chain Management
Logistics/Transportation Management
Operations Management
Business Administration degrees with concentrations in logistics or supply chain management

Other requirements:

Must be living and attending school in the United States
Must be enrolled full time in a qualifying bachelors, masters or doctoral program
Minimum cumulative GPA of 3.0
1-2 letters of recommendation

Show a clear commitment to supply chain management, logistics/transportation, operations, systems design or industrial distribution industries. Ways to demonstrate this commitment may include relevant coursework, internships or other industry experience, and/or related projects or research.

Scholarship awards must be used for costs relating to tuition, fees, books or other costs associated with attending school full-time.

To learn more about the eligibility, awards, and how to apply, click [here](#).

[More Info](#)

Young Researchers' Conference 2019 **Saturday, May 26, 2019** **IIT Bombay, India**

WCTRS-Y is a one-day conference which will be held on the first day of the World Conference on Transport Research (WCTR), at the Indian Institute of Technology Bombay, India. Dedicated to the next generation of transport academics, professionals and experts, the WCTR-Y presents the work and achievements of PhD students, post-doctoral fellows and young researchers, giving them the opportunity to play a major role in the scientific progress, and to discuss and interchange on new developments and ideas in transportation.

In addition to the presentation of a limited number of selected high-quality conference papers, WCTR-Y will also include special sessions

targeted towards the academic and professional development of young researchers during which they will be able to interact with and learn from their peers and seniors.

More Info

Conference of Minority Transportation Officials (COMTO) Scholarship Application 2019 **Friday, May 31, 2019**

COMTO-SoCal has assumed an active role in the minority community establishing numerous programs that energize and strengthen the communities we serve. COMTO-SoCal has established many programs, including annual scholarship awards. COMTO-SoCal believes education is a core foundation for excellence in the transportation and any other field of study. Our scholarship program is committed to providing financial support to minority students to help them maximize their educational potential. We invite you to apply for our scholarship.

COMTO-SoCal offers a variety of scholarships ranging from \$1,000 to \$3,500 to deserving students in the region. The number of scholarships and the amounts for the 2018-2019 academic year will be determined following a review of the applications and donations received. Selections are made by a team of industry professionals and/or representatives from the academic community.

More Info

UITP Global Public Transportation Summit **June 9-12, 2019** **Stockholm, Sweden**

With almost 130 years of history behind it, the UITP Global Public Transport Summit proudly remains the world's biggest event dedicated to sustainable mobility. Covering all urban and regional transport modes across the globe, the Summit combines a diverse program of leading Congress sessions and an outstanding Exhibition full of the latest innovations, solutions and products. The theme for the 2019 Global Public Transport Summit is 'The Art of Public Transport'.

This event takes place every two years, with the congress showcasing innovative developments and good practices, whilst the exhibition provides an overview of the latest trends in products related to public transport. The Poster session is the main format used to include in our program areas related to innovation in research, R&I and pilot projects within the public Transport Sector. Also, as a participant you will be considered as speaker and benefit from the discounted rates and access to all events (conditions apply).

For more information, contact Hilia Boris Iglesia at hilia.boris.iglesia@uitp.org.

More Info

A limited number of Student Scholarships for Ph.D. students, and Volunteer Positions for Graduate Students are available. Both positions waive the student registration fee.

56th IMCL Conference on A Healthy City for All **June 17-21, 2019** **Sentinel Hotel, Portland, OR**

We are delighted to welcome delegates to the 56th International Making Cities Livable Conference to Portland, and thrilled by the conference theme, "A Healthy City for ALL." This is an effort close to the heart of all Portlanders as we introduce strategies to make our neighborhoods healthier places to live, as we expand our programming to continue to produce housing units and to compassionately address homelessness.

This Conference will be a landmark event, with an unprecedented gathering of world-renowned experts in planning, urban design, public health, architecture, social sciences, civic government, and allied fields.

Interested students should send their resume, a short statement (250 words) why the conference is of interest to them, and to which program they are applying (Scholarship or Volunteer) before March 1 to suzanne.lennard@livablecities.org.

More Info

Antwerp Summer University 2019: **Antwerp Summer School on Urban Logistics** **September 19-23, 2019** **University of Antwerp, Belgium**

Summer school on planning and managing the urban transport in urban areas under a dynamic context as today logistics: key for city sustainable development. An intensive immersion into the world of urban logistics, based on an introductory module covering all aspects of urban logistics (week 1) and an optional assignment preparation week (week 2) focusing on innovation and sustainability in the Industry in all its facets.

For more information, click the link below or apply [here](#).

More Info

6th International Conference on Women's Issues in Transportation **September 10-13, 2019** **The Beckman Center, Irvine, CA**

TRB is sponsoring the 6th International Conference on Women's Issues in Transportation (WIIT 2019) on September 10-13, 2019 in Irvine, California. This conference explores women's perspectives, challenges, achievements, and opportunities with respect to travel and transportation.

This conference also provides an update on the progress and challenges in relation to women and mobility; explores how gender equality practices in transportation are increasing business and economics development; exchanges ideas on how public agencies can incorporate good gender equality policies and practices with approaches to oversee efforts and measure performance; and examines methods to address safety and security of women who are employed with or using transportation systems.

For more information, click the link below or register [here](#).

More Info

2019 Mobility 21 Southern California Transportation Summit: Beyond the Limits
Friday, September 27, 2019 7:30 am - 4:30 pm Pacific
Disneyland Hotel
1150 Magic Way, Anaheim, CA 92802

Save the date for Mobility 21's 2019 Summit! Mobility 21, Southern California's premier transportation coalition, is currently seeking sponsorships for their upcoming annual conference. Registration information is coming soon.

For more information, visit [Mobility 21's website here](#).

More Info

Massive Open Online Course (MOOC) on Sustainable Urban Freight
Open through September 2019

We are happy to announce the re-run of the successful Sustainable Urban Freight Transport MOOC on edX as of 4th December 2018. This time the MOOC is presented as a self-paced course, students and professionals can access the free course till September 2019.

The MOOC is the result of a collaboration between 8 partners of the global COE-SUFS network. It provides a unique cross-cultural introduction to city logistics, as experienced around the world (Netherlands, Japan, India, UK, Australia, South-Africa and Sweden).

For more information, contact [Tharsis Teoh](mailto:Tharsis.Teoh@tudelft.nl) at t.g.h.teoh@tudelft.nl or click the link below.

More Info

Internships & Jobs

This Week's Featured Opportunities

2019 Public Lands Transportation Fellows Program
Multiple Locations, USA



More Info

Job Title	Agency/Firm	Deadline
Transportation Engineer (Civil) (# JC-155093)	Caltrans	15-May-19
	Sacramento, CA	
Transportation Engineering Technician (# JC-154764)	Caltrans	15-May-19
	Sacramento, CA	
Associate Engineer	Shasta County	17-May-19
	Redding, CA	

Senior Traffic Engineer	City of Fontana	23-May-19
	Fontana, CA	
Assistant/Associate/Civil Engineer (# 18-S17-002)	City of Ventura	27-May-19
	Ventura, CA	
Traffic Engineering Supervisor (# FT181940)	City of Alhambra	31-May-19
	Alhambra, CA	
Maintenance Assistant - Transportation (# 1900712)	City of San Jose	3-Jun-19
	San Jose, CA	

We found **80+ more fresh positions** for you!

[Click here for more Jobs and Internships](#)

METRANS Student Newsletter Staff

Lauren Mullarkey-Williams | Editor-in-Chief | mullarke@usc.edu
 Drew Quinn | Lead Editor | drewquin@usc.edu
 Irene Chen | Career Opportunities Editor | chen045@usc.edu
 Adylbek Abdykalikov | Research Editor | abdykali@usc.edu

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