

METRANS

Transportation Center

USC CSULB

METRANS on the Move: Our Weekly Newsletter for Students



USC Professor Jim Moore with USC and UCLA students at WTS-LA event featuring Metrolink CEO Stephanie Wiggins

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 new Publisher, Danielle Dirksen, at ddirksen@usc.edu. **Be sure to scroll down to preview the new content we are planning for you all.** 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.



CTF Funds Students to Transportation Conferences By Adylbek Abdykalikov, USC, IPPAM 2020

California Transportation Foundation (CTF), the leading charitable transportation organization in the State has selected 12 students from California based universities to for sponsorships to attend transportation-related conferences this year as part of their new Conference Connections program. The sponsored students represent USC, UCLA, UC Irvine, UC San Diego, San Diego State, CSU Los Angeles, CSU Long Beach and CSU Northridge.

Read more [here](#).



NAU Engineering Team Works To Reduce Bike-Vehicle Crashes Ft. Our Academic Partners at Northern Arizona University

Swerve, stop, crash. Those are the main options when a bicyclist in a road's bike lane proceeds forward while a vehicle turns right during the same green traffic light. This classic roadway conflict can be fatal, but solutions are lacking.

Read more [here](#).

The Distorted Economics Of Ride Hailing Must Be Fixed By California Law By Zakhary Mallett, USC, URPD PHD Program

Gig companies like Lyft, Uber, GrubHub and Amazon Flex need to become financially solvent – both for themselves and for the public. These companies' models are financially unsustainable because customers do not pay the full cost of



the services provided — which means someone else picks up the tab.

Read more [here](#).



Calling All METRANS Readers: Submit Your Ideas

We want to make our METRANS newsletter exciting and informative each week for you, the reader. Our team has several ideas to provide fresh perspectives for the newsletter, including Transportation Professional Spotlights and a section for researchers. **We actively welcome your ideas, too, and would love for you to email our Publisher, Danielle Dirksen, [here](#) with your suggestions.**

Get Involved

TRB Webinar

Visualization for Transportation Decision-Making, Operations, and Safety

Monday, July 8, 2019 11 am - 12:30 pm Pacific

Transportation Research Board (TRB) will conduct a webinar that discusses visualization in transportation decision-making, operations, and safety. In the transportation industry, visualization is a way to build consensus and monitor the progress of initiatives. Properly utilizing visualization techniques may bring clarity to complex data sets and improve communication between technical experts and policymakers. The presenters will discuss ways that visualization may enhance transportation outcomes by improving decision-making, operations, and safety.

More Info

Eno Webinar

Transportation in the Age of Biometrics

Thursday, July 11, 2019 1 pm - 1:30 pm Pacific

In October, the TSA released their Biometrics Roadmap for Aviation Security and the Passenger Experience, laying out how the agency plans to use biometric technology to modernize and update the identity verification process. As biometrics become more commonly used throughout various sectors of the economy, the transportation sector has, in many ways, lagged behind other industries in adopting and leveraging these new technologies.

In this webinar, Howard Kass, Executive Vice President of Corporate Affairs at biometrics-based identity management firm CLEAR, discusses how CLEAR is already using biometrics to update the decades-old airport identity verification process.

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

Metro Art Moves: Union Station Art & Architecture Tour
Sunday, July 14, 2019
10:30 am -12:30 pm Pacific
Union Station Los Angeles
800 N Alameda St, Los Angeles, California 90012

Discover art, architecture and spaces not generally open to the public in an exclusive free tour of Union Station Los Angeles.

Begins at the information booth inside the Alameda Street entrance to historic Union Station. The tours are free. No reservations required.

Led by Metro Art Los Angeles Docents, the tour covers Union Station art, architecture and spaces not generally open to the public, including the Historic Ticketing Hall. Additionally, the tours explore artworks located in the Gold Line Portal, Union Station East and inside the Metro Headquarters Building.

Metro Art Moves is a free series of regularly scheduled and special tours of artwork in the Metro Rail system. Regular tours are led by trained Metro Art Docent Council volunteers and provide insights into the artworks, artists and art-making processes.

[More Info](#)

TRB Webinar
Innovations in Freight Data
Tuesday, July 16, 2019 11 am - 12:30 pm Pacific

TRB will conduct a webinar wherein presenters will discuss the latest applications of emerging data sources and data fusion methods. They will identify freight data tools that are adaptable, flexible, user-friendly, and preserve proprietary data, or that are developed with open source technology. Presenters will also describe transferable methods of data collection, analysis, and visualization to meet local, federal, or international freight planning and performance measurement requirements. Finally, they will share current practices for addressing persistent gaps in freight data collection and evaluation and for responding to the new challenges associated with the use of recent and emerging data sources.

[More Info](#)

LA County Sustainability Plan: Gearing Up Economic Opportunity and Jobs
Wednesday, July 17, 2019
10 am - 2 pm Pacific
Doheny Memorial Library, Room 240
University of Southern California
3550 Trousdale Pkwy, Los Angeles, CA 90089

The UCLA Luskin Center for Innovation, the USC Schwarzenegger Institute, and the USC Center for Sustainability Solutions invite you to join the Los Angeles County Chief Sustainability Office for a discussion of the LA County Sustainability Plan and its potential to promote expanded and new business opportunities in the United States' most populous county and the world's third largest metropolitan economy.

A diverse group of business leaders, County officials, and economic and workforce development specialists from across California will examine the sustainability plan's potential to drive economic and job growth. Join us to discuss how the plan will shape the future economy of LA County by accelerating demand for advanced transportation, renewable energy, energy efficient infrastructure, and urban greening while supporting strategic and inclusive workforce development practices.

Parking, light refreshments, and a networking lunch will be provided.

[More Info](#)

TRB Webinar
Partnerships Between Transit Agencies and Transportation Network Companies
Wednesday, July 17, 2019 11 am - 12:30 pm Pacific

TRB will conduct a webinar that features research from the Transit Cooperative Research Program (TCRP)'s Research Report 204: Partnerships Between Transit Agencies and Transportation Network Companies (TNCs). This research is designed to help transit agencies that have decided to pursue partnerships with one or more TNCs.

The presenters will discuss the findings related to common motivations, target markets, partnership designs, and case study highlights. They will also provide specific, practical guidance for transit agencies considering partnerships with TNCs.

[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 Presents: Celebrating Recent Industry Milestones for Women
Thursday, July 18, 2019 5 pm - 7 pm Pacific
Sheraton Grand Los Angeles
711 S Hope St, Los Angeles, CA 90017

Please join WTS LA for a one-of-a-kind evening to celebrate the recent appointments and achievements of Women in the Transportation Industry. The accomplishments of these women have marked an incredible milestone in the advancement of Women in Transportation - five incredible women appointed to senior industry leadership positions at nearly the same time. They inspire and encourage us all!

The celebrated Women in Transportation are: Elissa Konove, Michelle Boehm, Nadine Lee, Yvette Zoe-Robles Rapose, and Jonaura Wisdom.

[More Info](#)

Eno Webinar
“Part 1: Microtransit 2.0” – From Pilot to Transit System Integration
Saturday, July 24, 2019 11 am - 11:30 am Pacific

Scaling up microtransit operations from a pilot project to a program introduces new opportunities and challenges for transit system integration. Gwinnett County, in the Atlanta Metro, has designed a multi-phase microtransit expansion from 2019 through 2024 that reaches new areas geographically, increases integration with ADA complementary paratransit service, and facilitates more connectivity with fixed route service.

This webinar, with the consultant supporting Gwinnett County’s approach, will discuss post-pilot activity for microtransit, specifically the integration of microtransit into the family of services a transit agency provides.

[More Info](#)

TRB Webinar
Rapid Scenario Planning: Freeway Facilities Analysis Using the HCM
Monday, July 29, 2019 11 am - 12:30 pm Pacific

TRB will conduct a webinar that provides updates to the latest version of the Highway Capacity Manual (HCM), Sixth Edition: A Guide for Multimodal Mobility Analysis, which will be released next year. HCM is commonly used by transportation agencies to evaluate and forecast operations of roadway facilities. It may also be used to cost-effectively and reliably support agencies’ planning, programming, and management decisions.

This webinar will provide an overview of the HCM freeway facilities methodology.

[More Info](#)

TRB Webinar
Toolkit for Measuring Public Involvement Effectiveness in Transportation
Tuesday, July 30, 2019 11 am - 12:30 pm Pacific

TRB will conduct a webinar that features research from the National Cooperative Highway Research Program (NCHRP)’s Research Report 905: Measuring the Effectiveness of Public Involvement in Transportation Planning and Project Development.

This webinar will illustrate how transportation agencies can use a rigorously tested, user-friendly tool to measure the effectiveness of their public involvement.

[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

2019 WTS-OC Transportation Academy
Applications Due: Monday, July 15, 2019 5 pm Pacific
Event: August 5-9 and 12-15, 2019 8 am to 5 pm

The Transportation Academy is a two-week immersion program, offering undergraduate and graduate students a first-hand look at different facets of the transportation industry; the Academy is open to men and women. Students will visit 15 public and private partners for half-day seminars to learn all about the transportation industry.

The theme of the Academy this year is sustainability and participating agencies will highlight how they are developing sustainable solutions to meet future challenges and demands within the transportation industry. Participants will learn about management, finance, operations and planning, as well as engineering, construction management and public involvement principals. In addition to hearing from top executives within the transportation field, students will experience transportation first-hand through a series of onsite tours including live construction projects, tours of harbors and/or rail yards, tolling facilities, etc.

More Info

WTS-LA 2019-20 Scholarships **Applications Due: Friday, July 19, 2019 by 5 pm Pacific**

Women's Transportation Seminar is an international organization with more than 5,000 members. WTS is committed to excellence in the transportation industry and provides opportunities for members to advance their careers through the exchange of information, ideas and experiences.

WTS-LA is now accepting applications for 2019 scholarships, available in three categories: Graduate Student Scholarships, Undergraduate Scholarships, and Community College Scholarships. The competitive academic scholarships are available to women in high school, community college, undergraduate and graduate programs in transportation-related fields or areas of study.

Specific criteria for each scholarship can be found within the application itself.

More Info

Transportation Research Board Annual Meeting 2020: Call for Papers **Submissions Due: Thursday, August 1, 2019**

TRB is accepting papers for consideration as part of the program for the 99th TRB Annual Meeting, January 12-16, 2020, in Washington, D.C., and/or for publication in the Transportation Research Record: Journal of the Transportation Research Board (TRR).

The spotlight theme for the 2020 meeting is "A Century of Progress: Foundation for the Future." The information-packed program is expected to attract more than 13,000 transportation professionals from around the world.

TRB's standing committees have issued general calls for papers on a variety of topics that would be appropriate for the Annual Meeting. In addition, authors are invited to submit papers related to the above-mentioned spotlight theme, or on any other topics that would be of interest to the TRB community.

More Info

WTS-OC 2019-20 Scholarships **Applications Due: Friday, September 6, 2019 by 5 pm Pacific**

To encourage women pursuing careers in transportation, the Orange County Chapter of WTS offers multiple graduate, undergraduate, community college and high school scholarships to girls and women in Southern California. In 2018, WTS-OC awarded 11 scholarships totaling \$51,500. The number of scholarships and amounts for the 2019-20 academic year will be determined following a review of the applications received.

Specific criteria for each scholarship can be found within the application itself. Applications may be submitted online or downloaded and submitted via email.

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

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](#)

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. Discounted student tickets are available for students who register to attend. Early bird registration is now open as well.

[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 at t.g.h.teoh@tudelft.nl or click the link below.

[More Info](#)

Become a Presidential Management Fellow
Applications Due: Thursday, October 17, 2019 at 9 am Pacific

The Presidential Management Fellows (PMF) Program is administered by the U.S. Office of Personnel Management (OPM). Each year, candidates apply to the program in efforts to be selected as Finalists. Finalists are then eligible for appointment as Presidential Management Fellows (Fellows; PMFs).

To become a PMF, you must participate in an rigorous, multi-hurdle process. It takes patience and endurance, but also gives you a chance to demonstrate your leadership ability and potential. As a PMF, you will have earned your place in the program, and the opportunity to grow professionally, serve your country, and make a difference!

[More Info](#)

World Symposium on Transport and Land Use Research 2020: Call for Papers
Submissions Due: Friday, November 15, 2019

We are pleased to announce that the 2020 World Symposium on Transport and Land Use Research (WSTLUR) will be held in Portland, Oregon, USA, July 13-16, 2020. We seek original, full-length submissions on themes including, but not limited to, affordable housing and transport, freight issues, and accessibility in transit. Theme leaders will be in charge of the paper review and selection process. Questions about specific themes should be directed towards theme leaders, whose contact info can be found by clicking the button below.

[More Info](#)

Internships & Jobs

This Week's Featured Opportunities

Transportation Planner
Los Angeles County Metropolitan Transportation Authority
Apply by: July 12th, 2019, 11:59 PM Pacific



More Info

Job Title	Agency/Firm	Deadline
Resident Engineer (# JC-151219)	Caltrans	5-Jul-19
	Humboldt, CA	
PTS College Intern - Traffic and Transportation Planning (# 2019-6)	City of Santa Clarita	5-Jul-19
	Santa Clarita, CA	
Senior Civil Engineer	City of Pittsburg	5-Jul-19
	Pittsburg, CA	
Transportation Planner II (#19-01255)	Fairfax County	5-Jul-19
	Fairfax, VA	
Engineering Technician I- Extra Help (# 5115-PW-1906-A-JR)	City of Oxnard	8-Jul-19
	Oxnard, CA	
Traffic Engineering Project Manager (# 17331)	County of Riverside	8-Jul-19
	Riverside, CA	
Transportation Planner	Nevada County Transportation Commission	8-Jul-19
	Nevada City, CA	

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

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

METRANS Student Newsletter Staff

Danielle Dirksen | Publisher | ddirksen@usc.edu
 Kavina Patel | Incoming Editor-In-Chief | kavinayp@usc.edu
 Lauren Mullarkey-Williams | Outgoing Editor-in-Chief | mullarke@usc.edu
 Adylbek Abdykalikov | Lead Editor | abdykali@usc.edu
 Beisen Ussenov | Career Opportunities Editor | ussenov@usc.edu

METRANS Associates

Major Funders



Silver Partners



Bronze Partners



METROLINK®



MAJESTIC REALTY CO.



Academic Partners



CALIFORNIA STATE UNIVERSITY
LONG BEACH

UC DAVIS
UNIVERSITY OF CALIFORNIA

UCLA

NORTHERN ARIZONA
UNIVERSITY

UCI University of California, Irvine



Pima Community College



IFSTAR



THE KOREA TRANSPORT INSTITUTE