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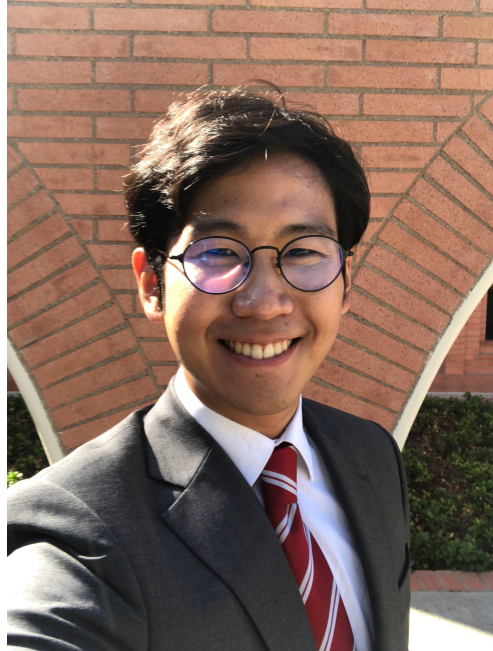
ANNIVERSARY

METRANS

Transportation Center
USC | CSULB

20 YEARS OF EXCELLENCE
1998 – 2018

METRANS on the Move: Our Weekly Newsletter for Students



Welcome to this week's issue of METRANS On the Move, a student-run weekly transportation newsletter. This newsletter is a team effort to foster knowledge and opportunities related to transportation. This week we feature a fascinating take on parking from UCLA Professor Donald Shoup, news on electric vehicles hitting the streets, and exciting Student Worker opportunities with LADOT! If you have suggestions for content – events, scholarships, internships, jobs, and more – that you'd like to see included, just reach out to any of our student staff listed at the end of the newsletter. Enjoy this week's issue, and click the button below to subscribe!

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Master of Planning Student
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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.



UCLA Professor Donald Shoup Presents a New Perspective on Parking By Sang-O Kim, USC MPL

On Wednesday, November 14th, METRANS welcomed Professor Donald Shoup to the USC Price School of Public Policy to host the final METRANS Transportation Research Seminar of the term, titled *Parking and The City*. Even before the seminar, the lecture hall was standing room only, and full of excitement and buzz as people waited for the rock star of parking. "I regularly attend lectures held by METRANS. While all have been useful, there were a record number of attendees at this one!" shared Zhenlu Huang, USC Master of Science, Transportation Engineering student. "In my opinion, parking problems are so related to our lives and many people are concerned... which is why this event attracted so many people."

Read more [here](#).

More Potholes, Traffic Jams On The Horizon Unless Interstates Are Fixed, Report Finds

Once the backbone of the nation's transportation system, the nation's aging interstate highways



are now overused and worn out, according to a new federal report. And failure to invest billions in modernizing the system will likely lead to more potholes, slower traffic jams, and increased costs to drivers and the nation's economy.

Read more [here](#).

Why Are We Still Waiting for Electric Buses?



There are 300,000 battery powered electric buses in the world. Only 1,600 are in the United States. China has 50 times that number. Electric buses offer potentially big benefits for cities: Cleaner air, quieter neighborhoods, efficiency that saves \$130,000 over the bus's lifetime, and, of course, helping cities achieve zero carbon transportation. But America remains on the sidelines.

Read more [here](#).

America's Power Grid Isn't Ready for Electric Cars



Today, less than 2 percent of the vehicles Americans buy are electric. But within the next three decades, some automotive industry experts expect electric vehicles could make up the majority of U.S. and global car sales. All told, American drivers log about 3 trillion miles per year, consuming more than 170 billion gallons of gasoline and diesel in the process. Converting all those road miles to electricity would place new demands on the nation's system for producing and delivering electricity.

Read more [here](#).

Get Involved

ENO Center for Transportation Webinar The Dockless Revolution: What We're Learning from Shared Micromobility Data Thursday, December 13, 2018 1:00 pm - 1:30 pm Pacific Free Webinar

As new mobility services such as shared scooters, bikes, and cars expand across the country, cities need better data for transportation policy and planning. With dockless bikes and scooter policies, many cities have been successful in obtaining access to private mobility data. Join Eno for a webinar to learn about the growth of new mobility services in the U.S., and the ways that cities are now accessing new data about the safety, equity, and efficiency of transportation in our cities.

Distinguished Speakers:

Regina Clewlow, PhD, CEO and Co-Founder of Populus
Paul Lewis, Vice President of Policy, ENO Center for Transportation

To register, [click the link below](#).

[More Info](#)

TransportationCamp DC 2019 Saturday, January 12, 2019 Founders Hall, George Mason University - Arlington Campus, Arlington, Virginia

Each year, TransportationCamp DC brings together a sell-out crowd of 400 thinkers and doers in the fields of transportation and technology. It's not your traditional conference. In addition to talks and presentations from big names in the field, the heart of TransportationCamp is sessions and activities led by attendees themselves. Held on the Saturday before Transportation Research Board Annual Meeting, it is a high-energy, exciting day of presentations, panels, and networking opportunities — all created and led by the diverse innovators who attend.

Tickets are \$50; students are \$35. Price includes breakfast and lunch.

For more information, stay tuned to [@transpocamp](#) (and the [#tranps19](#) hashtag).

[More Info](#)

Center for Advancing Research on Transportation Emissions, Energy and Health: Transportation, Air Quality, and Health Symposium Early registration ends Tuesday, December 18, 2018

February 18-20, 2019
Omni Austin Hotel at Southpark, Austin, Texas

Join us for a one-of-a-kind symposium on transportation, air quality, and health. We will discuss research, policy, and emerging issues in transportation emissions, energy, air quality, exposures, and health. This is a unique interdisciplinary event, bringing together experts from both the transportation and health worlds.

Keynote speakers will be Daniel S. Greenbaum from the Health Effects Institute and Neil Pedersen from the Transportation Research Board, leaders in the field of health and transportation.

The keynote session will feature each speaker's unique perspective - one on producing trusted science for cleaner air and improved health worldwide, and the other on direction and leadership of the world's largest transportation and practice community. The speakers will discuss research pathways for addressing the emerging area of health and transportation. These insights will set the stage for a fruitful symposium and help us work across the disciplines to make a global impact.

For more information, contact Mary Cearly at m-cearley@tti.tamu.edu.

[More Info](#)

Scholarships & Academic Opportunities

**USC Sol Price Center for Social Innovation:
 Southern California Symposium**
Free Application Deadline: Friday, December 14, 2018
Application Deadline: Monday, December 31, 2018
Symposium: March - May 2019

The Southern California Symposium, the Price Center for Social Innovation's executive education program, is an exceptional opportunity for learning, collaboration and professional growth over a short time frame. A concentrated and intense experience that will not wreak havoc on your calendar, the Symposium starts the third week of March and is finished by the first week of May. The time in between will prove unforgettable.

Apply before Friday, December 14th to waive the application fee. Additional fee waivers may be available.

For more information, check out the video at the link below or register [here](#).

[More Info](#)

Massive Open Online Course (MOOC) on Sustainable Urban Freight
Open December 2018 - 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](#)

The Second Annual Irvine Symposium on Emerging Research in Transportation (ISERT 2019)
January 18-19, 2019
The Beckman Center, Irvine, CA

This annual symposium is focused on the idea-exchange among researchers and practitioners on emerging research and applications in transportation. The schedule will include podium presentations, poster sessions, as well as innovative idea-exchange sessions. As the symposium follows the Transportation Research Board meeting, researchers traveling to the USA from around the world, and specifically from the Pacific Rim countries may find the symposium a convenient stop for focused academic exchange on selected topics.

The intended participants are academics, researchers, graduate students and industry professionals in transportation who stay abreast with the latest research developments in the field. Early registration accepted until Dec. 15 is \$200 (\$100 for students). Standard registration is \$250 (\$125 for students).

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

[More Info](#)

USC Good Neighbors Grant Applications
Grant Applications due Friday, February 8, 2019
The Beckman Center, Irvine, CA

The USC Good Neighbors 2019 grant application cycle is underway! Proposed programs must incorporate established university-community partnerships and support USC's university-community initiatives. Programs that serve the local communities surrounding the university's University Park or Health Sciences campuses are eligible.

We will be hosting a grant information webinar on December 12, 2018 11:00 AM (PST). Additionally, we will have two in-person

information sessions: Health Sciences Campus: Tuesday, January 8, 2019 from 2:00 p.m. to 3:00 p.m. (PST) in Hoffman Medical Research Center (HMR) first floor Hastings Auditorium Room 100 (1989 Zonal Ave, Los Angeles, CA 90089) & University Park Campus: Wednesday, January 16, 2019 from 11:30 a.m. to 12:30 p.m. (PST) in Engemann Student Health Center (ESH) First Floor Conference Room (1031 W. 34th St, Los Angeles, CA 90089)

For more information, click the link before or register for information sessions [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

Eno Center for Transportation: Future Leaders Development Conference

**Application Deadline: Friday, February 8, 2019
June 2-6, 2019
Washington, DC**

Each year, the Eno Future Leaders Development Conference (LDC) gives 20 of the nation's top graduate students in transportation a first-hand look at how national transportation policies are developed. Students apply to the program early in the year, and those selected as "Eno Fellows" come to Washington, DC for a week in the spring of meetings with federal officials and leaders of business and non-profit organizations.

The Eno Future Leaders Development Conference is designed for students in transportation-related programs, including engineering, planning, public policy, public administration, economics, management, and law. Students interested in any mode of transportation are encouraged to apply. Candidates must be Graduate-level students pursuing a masters or doctoral degree.

For more information, contact Erin Shumate at (202) 879-4703 or eshumate@enotrans.org.

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 Iglesias at hilia.boris.iglesia@uitp.org.

More Info

California Transportation Foundation Scholarships 2018-2019

For High School, Undergraduate, and Graduate Students

The California Transportation Foundation (CTF) had awarded \$1.1 million in scholarships since its founding in 1988. CTF scholarships are awarded competitively and are available to students at all levels. Several scholarships target specific populations of importance to donors. These requirements often relate to specific Caltrans Districts, functional areas, school districts, or other concerns.

CTF invites interested students to apply to more than 35 scholarships, some of which have specific deadlines and application windows. To qualify for CTF scholarships, recipients must be intent on a career in transportation, attend a school in California, and be U.S. citizens, permanent residents or documented, international students.

More Info

Internships & Jobs

This Week's Featured Opportunity

**Student Professional Worker
Bureau of Design and Construction Management & District Operations Bureau**



[More Info](#)

Job Title	Agency/Firm	Deadline
Quality Management Representative (# JC-137339)	Caltrans	12/21/2018
	Sacramento, CA	
Transportation Engineer (# JC-137306)	Caltrans	12/21/2018
	Humboldt, CA	
Harbor Marine Engineer (# NL7NN-19)	City of Long Beach	12/21/2018
	Long Beach, CA	
Associate Engineer (# 2018-19)	City of El Cerrito	12/28/2018
	El Cerrito, CA	
Civil Engineer (# 18-00237)	City of Sunnyvale	01/09/2019
	Sunnyvale, CA	
Student Assistant - Transportation Planner (6 positions) (# CT50118)	University Enterprises, Inc.	02/04/2019
	Los Angeles, CA	

We found **100+ more fresh positions** for you!

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

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