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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. As you relax over the holiday break, please enjoy the events, scholarships, and job openings listed below. METRANS has helped me to truly delve into my passion for transportation this semester, and you can read more about my experience at the CTF Symposium below. Be sure to subscribe and stay up to date on all of the exciting opportunities we have in store for next semester. Cheers and happy holidays!

Danielle Dirksen
BS Urban Studies and Planning
ddirksen@usc.edu

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 Symposium - a Gateway to Success? I Think Yes!

By Danielle Dirksen, BS Urban Studies
and Planning, USC



On November 8th and 9th of this year, I had the honor of attending the 24th Annual California Transportation Foundation (CTF) Transportation Education Symposium in San Jose, California. I was one of three USC students selected to attend; Lei Lily Tam (Lily) and Sarah Orcutt also attended with me. CTF works hard to further the transportation knowledge of students and the workforce.

Read more [here](#).

The Future of Urban Mobility Will be Shaped by These Six Issues



Stand at the intersection of Fifth Avenue and 90th Street for a couple minutes and you'll notice that, like many other New York City street corners, it's loud. Cars and buses zoom by and horns blare. The occasional bike jockeys for space. Waves of pedestrians cross the three-lanes to enter Central Park. That same intersection also welcomes visitors to *The Road Ahead*, a new exhibition on the future of mobility at the Cooper Hewitt, Smithsonian Design Museum, on view through March 2019.

Read more [here](#).

Researchers Target Driver Behavior to Improve Pedestrian Safety



Pedestrian-car crashes have been on the rise across the United States—a trend that has manifested in the Twin Cities. In the hopes of preventing crashes, researchers from the University of Minnesota have been collaborating with city and state officials on a project aimed at reminding drivers to watch out for pedestrians. “The main premise of the study is to measure and enhance the efficacy of high-visibility enforcement for driver compliance to the crosswalk law in Saint Paul.”

Read more [here](#).

Los Angeles is a City of Parking Lots. It Doesn't Have to be.



In recent years, Los Angeles residents have gained all kinds of new transportation options that are reshaping the way people navigate the city. Bike lanes, bike shares and e-scooters have fueled a distinct uptick in two-wheeled travel; more rail and rapid bus lines are under construction to lure commuting suburbanites out of their cars; and rides from Lyft and Uber are never more than a few minutes away. These transportation choices have something in common: They don't require parking a car.

Read more [here](#).

Get Involved

FREE 2019 Student Membership to the Intelligent Transportation Society (ITS) of California Accepting Registrations Now

Our goal is to facilitate partnership actions that unite technology and commercial product providers and public agencies for creating efficient transportation systems. These partnerships are industry-driven working to establish and maintain California as a world leader in ITS research, development and commercialization. We hope to add value through these efforts to our targeted constituencies that include transportation agencies, private industry, elected officials, and users, to improve public services and promote opportunities for private investment.

Please contact its-caadmin@itscalifornia.org with any questions or to confirm your membership.

[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.

Intelligent-Integrated IOT Conference and Workshop Friday, January 4, 2019 9 am - 4 pm Pacific USC - Fertitta Hall Room Lower Level

Intelligent-Integrated IOT Conference and Workshop is a conference focused on the future of the Internet of Things (IoT). It is hosted by the Intelligent IoT Integrator (I3) Consortium to discuss the realization of open and forward looking IoT efforts.

The I3 Consortium is consortium that includes companies, government entities, and academic institutions that are working together to create an opensource framework that allows communities of independent IoT device owners to work together..

For more information, please email manager@i3-iot.net.

[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](https://twitter.com/transpocamp) (and the [#tranpso19](https://twitter.com/tranpso19) hashtag).

[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.

Institute of Transportation Engineers (ITE) SoCal and City Traffic Engineers (CTE) Joint Meeting
Wednesday, January 16, 2019 11:30 am to 1:00 pm pacific
Monterey Hill Restaurant
3700 W. Ramona Blvd Monterey Park, CA 91754

Join ITE SoCal and CTE at Monterey Hill Restaurant for their first event of the new year. Jay Kim of LADOT will be presenting on the city's "Urban Mobility in a Digital Age framework. General registration is \$30, late registration (after 1/9/19 at 5:00 pm) is \$35, and students are \$20.

For more information, contact Ed Alegre, PTP at AlegreE@metro.net or click to register below.

[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.

Graduate Women in Science Present:
Across the STEMverse Industry Career Conference
Saturday, February 9, 2019 9 am - 4 pm Pacific
USC Town and Gown

Across the STEMverse is an industry career conference that strives to give scientists in the LA-wide area the opportunity to meet, seek advice, and to network with experienced professionals working outside of academia. It also aims to connect individuals from different fields, schools, and backgrounds to foster collaboration.

The all-day event will include breakfast/check-in, panel discussions, lunch, roundtable discussions, and networking. The conference will host professionals from a variety of STEM careers, including but not limited to entrepreneurship, regulatory science, patent law, management consulting, gaming, technology transfer, research & development, science communication, and data science.

This event is FREE for dues paying GWIS LA Members. To join the chapter, click [here](#) or visit the link to register below.

[More Info](#)

Center for Advancing Research on Transportation Emissions, Energy and Health:
Transportation, Air Quality, and Health Symposium
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 Cearley at m-cearley@tti.tamu.edu.

[More Info](#)

Scholarships & Academic Opportunities

Call for Submissions to New Journal:
Transportation Research Interdisciplinary Perspectives
Now Accepting Submissions

A new, open access journal, Transportation Research Interdisciplinary Perspectives (TRIP) is an online journal and addition to the Transportation Research family of journals. The Transportation Research family of journals forms the most cohesive and comprehensive reference of current research in transportation science. TRIP is an addition to the family which accepts papers on any topic within the scope of any of Parts A–F. It is an interdisciplinary journal concerned with any and all social science aspects of transportation.

The journal is the destination for rapid communication from acceptance to publication of quality research on transportation and publishes research articles, case studies, research notes, tutorials, and opinion pieces. It particularly welcomes articles reporting negative or controversial results and new (and less mature) ideas. Articles are relevant to both academics and practitioners and are the results of anonymous reviews by at least two referees chosen by the editor for their specialist knowledge.

The journal is accepting submissions [here](#) or visit the homepage linked below to learn more.

[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](#)

Perricone MD and The Scientista Foundation Present:
The Born Seekers Fellowship
Application Deadline: Friday, December 28, 2018

Perricone MD and The Scientista Foundation are in search for bold, visionary young women in STEM who are looking to make an impact in their respective fields. The Scientista Born Seekers Video Contest aims to identify women in STEM who embody the spirit of a "Born Seeker" - someone who is in the passionate pursuit of the truth. The work they do pushes boundaries and meaningfully impacts society on a local, national, and often global level.

The Born Seekers fellowship is a speech contest that is open to women in STEM over the age of 18 who are studying STEM or working in STEM fields. All eligible women are invited to submit a three minute video or a speech script answering the question: How do you embody a Born Seeker? Your answer should share your unique story of how you currently embody or hope to embody the values of curiosity, drive and perseverance. It should be noted that video submissions have the opportunity for a higher total score than scripts, and video submissions are highly encouraged.

For more information, contact Brandy Grove at brandy@scientistafoundation.org or click the link below to apply.

[More Info](#)

USC Sol Price Center for Social Innovation:
Southern California Symposium
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](#)

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](#)

6th International Conference on Women's Issues in Transportation
Abstract Deadline: Wednesday, January 30, 2019
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 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

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

New York University's Smart Cities Postdoctoral Fellowship **Application Deadline: Tuesday, February 15, 2019**

New York University's CUSP, WIRELESS, CCS, VIDA and C2SMART invite applications for the inaugural cohort of NYU's Smart Cities Postdoctoral Fellows. We seek outstanding applicants with a strong record of interdisciplinary work in developing and applying concepts and methods from science, technology, computing, engineering and applied mathematics in the service of urban communities across the globe. We envision hiring up to five fellows to start in Fall 2019. A doctoral degree in an applicable field is required.

NYU values equity, diversity, and inclusion and especially encourages candidates from historically underrepresented groups to apply. Qualifications must include: doctoral degree in a relevant field, and an active agenda of research and publication with a strong focus on smart cities, or with the potential for direct application to smart cities research; as well as a record of transitioning research into practice, ideally in collaboration with city stakeholders, is desirable.

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

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

**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

**Administrative Intern
City of Culver City Transportation Department**



More Info

Job Title	Agency/Firm	Deadline
Airport Engineer (# 1842GE-1218-280 (O))	County of Orange	1/6/2019
	Costa Mesa, CA	
Assistant Resident Engineer (# JC-139019)	Caltrans	1/7/2019
	Los Angeles, CA	
Engineer I/II (Public Works) (# 1802104)	City of San Jose	1/9/2019
	San Jose, CA	
Engineering Technician I (# 1800209)	Humboldt County	1/10/2019
	Eureka, CA	
Associate (or) Environmental Planner (Archaeology) (# JC-138444)	Caltrans	
	Inyo, CA	
Government Relations Inter for LA (M/F/D) (#	Flix Bus	

2018-1598)

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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
Hue-Tam Jamme | Research Editor | jamme@usc.edu
Lin Zhu | Opportunities Editor | zhu113@usc.edu

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