



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 we gear up for the holidays, we'd like to share with you one of the highlights of our fall semester - introducing urban planning to a brilliant cohort of high school students. If you'd like to get involved with METRANS next year or have suggestions for content, please reach out to me 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!

Lauren Mullarkey-Williams
Editor-in-Chief
mullarke@usc.edu

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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.

Encouraging Future Generations: ASPD, Gear Up 4 LA, and METRANS Engage High School Students to Learn How Urban Planning Can Shape the Future of Cities

By Adylbek Abdykalikov, IPPAM 2020

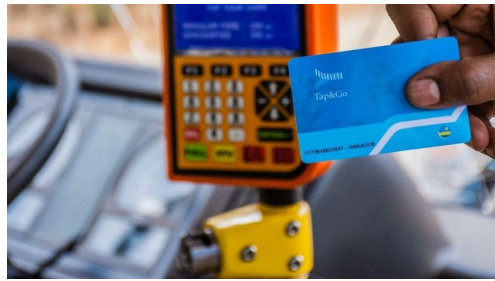
On November 16th, 2018, the USC Associated Students of Planning and Development (ASPD), Gear Up 4 LA and METRANS Transportation Center organized a vibrant event for high school students, Planning 4 College. Designed to expose future generations to university life and the world of urban planning while visiting a college campus, the event aims to engage high school students in both the field of planning and higher education as a whole, all the while giving them a chance to learn how to make cities safe, healthy, and an enjoyable place to live for existing and future generations.

Read more [here](#).

Digital Payments in Transportation Can Help Developing Cities Drive Economic Growth

Over the next decade, cities in developing markets will drive global economic expansion. McKinsey predicts that 440 cities





in emerging markets will generate half of all growth through 2025. To realize the potential of urbanization, developing cities need to become denser, easier to navigate, and more adept at using data to deliver public services.

Read more [here](#).

How Santa Monica, the Birthplace of Dockless Electric Scooters, is Shaping the Multibillion-Dollar Industry



A year ago, a warehouse filled with rows of electric scooters might have seemed a little dorky, maybe home to a company trying to show fanny pack-wearing tourists local landmarks. But today, in Santa Monica, California, an old industrial space filled with hundreds of electric scooters with purple and pink stripes represents one of the hottest innovations in urban transportation.

Read more [here](#).

New York City's Self-Induced Transportation Crisis



Until last spring, as subways were slowing, traffic from ride-hailing vehicles was thickening, and bike fatalities were on the rise, e-bikes were illegal to ride. That was in spite of the fact that these increasingly popular battery-boosted bicycles have long provided a vital means of transportation for thousands of working New Yorkers making below minimum wage, are energy and space efficient, cost-effective, quiet, and quick.

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.

Our membership is for the calendar year of 2019 and it is by organization (not by individual). We have many options to join ITS California and are excited and pleased to be working with you.

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

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

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

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 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

**Assistant Research Engineer
California PATH (Partners for Advanced Transportation Technologies) Program
Institute of Transportation**



[More Info](#)

Job Title	Agency/Firm	Deadline
City Planner (# 7944 OP 2018/12/07)	City of Los Angeles	12/20/2018
	Los Angeles, CA	
Civil Engineer (Road & Bridge Design) (# 1815RB-1218-080 (O))	County of Orange	12/21/2018
	Orange, CA	
Senior Endangered Species and Wildlife Biologist (# JC-138262)	Caltrans	12/24/2018
	Sacramento, CA	
Student Professional Worker	City of Los Angeles	12/30/2018
	Los Angeles, CA	
Senior Transportation Engineer (# JC-138123)	Caltrans	12/31/2018
	Orange, CA	

Engineering Technician, Associate (#184324253)	Butte County	01/04/2019
	Chico, CA	

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

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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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