

METRANS

Transportation Center

USC CSULB

METRANS on the Move: Our Weekly Newsletter for Students



Civil engineering and urban planning students enjoying a social event for transportation-oriented students.

Photo credit: Eric Shen

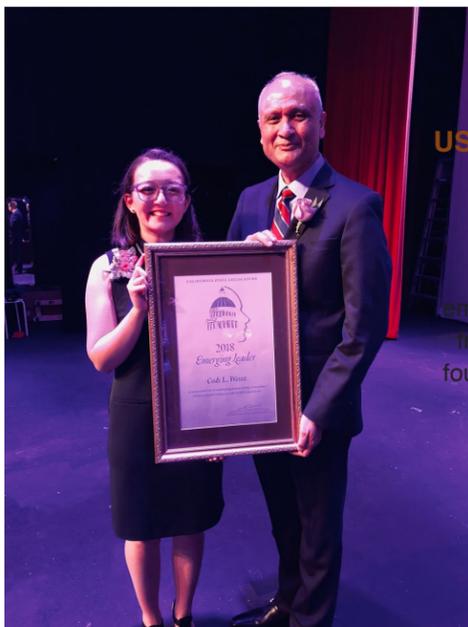
Be sure to scroll down for a unique internship opportunity in Koreatown!

Readers, 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 Publisher, Danielle Dirksen, at ddirksen@usc.edu. Enjoy this week's issue, and click the button below to subscribe!

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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.

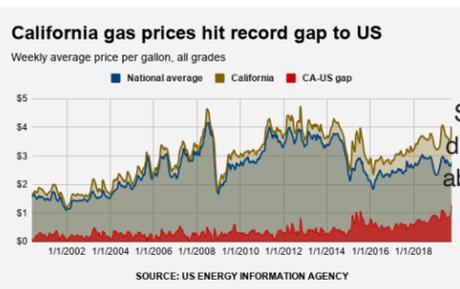


USC Engineering Student Codi Weisz Receives WTS-LA Ava Doner Memorial Scholarship

By Adylbek Abdykalikov, USC, IPPAM 2020

Weisz is a sophomore studying Civil Engineering with an emphasis in Environmental Engineering at USC. She is originally from Temple City. "I attended Temple City High School where I founded the Helping Hands Organization (H2O). H2O fundraised for 3-4 local nonprofits each year," shared Weisz.

Read more [here](#).



California's Historic Gas Jump To \$4.03! You're Paying \$1.29 A Gallon Above U.S. Average

September was not a good month for the wallets of California drivers. Statewide, gasoline prices soared to a record premium above the national norm, skyrocketing five times faster than the U.S. increase in a period better known for price cuts.

Read more [here](#).

National Transportation Experts Weigh In On SANDAG's 5 Big Moves At C-3 Event

For the first time since SANDAG unveiled its "5 Big Moves" vision for the upcoming Regional Transportation Plan update, nationally-recognized transportation experts gathered in town yesterday for a breakfast presentation focused on providing an objective, apolitical review of the concepts SANDAG staff have



floated before its board of directors and the public.

Read more [here](#).



Blast From The Past Series - Where Is The Electric Car?

This 1981 archive from the New York Times calls on the president of the Ford Motor Company to deliver a decades-ago-promised electric vehicle:

"The president of the Ford Motor Company thought he had a development important enough to call a news conference. The company's researchers, he announced, had achieved a breakthrough in advanced battery technology that would make mass production of electric cars feasible within five to 10 years.

That was in 1966. The first car has yet to appear in a dealer's showroom and Ford officials say the sodium sulfur battery that Arjay Miller hailed so proudly 15 years ago is still stalled in the laboratory."

And to think electric vehicles are now practically the norm!

Read more [here](#).



Tweet Time - SF BART Shout Outs

San Francisco Bay Area Rapid Transit, better known as BART, has been giving their workers shout outs on Twitter, such as Jorge here. This is a well-deserved pat on the back, as transit workers often go under-recognized. Follow BART (@SFBART) for more enjoyable and informational content!

See more [here](#).

For Researchers

Call for Papers: Young Energy Researchers Conference Submission Deadline: Thursday, October 10, 2019

Papers should focus on the subjects of biomass or energy efficiency. Submissions are welcome from all scientific fields (e.g. technology & engineering, economic and social sciences, architecture, law, arts, etc.) The conference will be held in Wels, Austria from Tuesday, March 3 to Thursday, March 5, 2020. The 2 best contributions are honoured with the awards "Best Young Energy Efficiency Researcher" and "Best Young Biomass Researcher". The researchers will receive 1,000 Euro each as prize money. The award committee will select the winners among the papers selected for oral presentation (there is no need for a separate submission for the award). Notification of the winners is expected by the end of January 2020.

More Info

Qualified individuals should have a Ph.D. degree in engineering, environmental science, or other related field with coursework and/or research experience in life cycle analysis.

Argonne National Laboratory Energy Systems Division PhD Research Position Apply ASAP

Argonne National Laboratory is seeking dynamic and technically strong Postdoctoral Researchers in the area of life cycle analysis. The position is in the Systems Assessment Center's Electrification and Infrastructure Group in the Energy Systems Division. Postdoctoral Researchers work with other team members to analyze transportation and energy systems, develop new models and datasets, and provide rigorous and objective results. We are currently seeking applicants with experience in one or more of the following areas:

transportation energy systems, materials production with a focus on vehicle materials and lightweighting, lithium-ion battery production and recycling, electrical grid modeling, and vehicle manufacturing. See the flyer below for more information.

[More Info](#)

Get Involved

If you have questions or would like to volunteer, please email victoriv@usc.edu.

Make Way for Gen Z: Hands-on STEM Workshop for Middle Schoolers
Thursday, October 3, 2019 at 10 am Pacific
University of Southern California
DML 240

Join METRANS and PSR for an interactive workshop that will engage nearly 100 local middle schoolers. We plan to immerse students in transportation industry basics with a focus on soft leadership skills, inspiring students to possibly pursue future endeavors in the industry. Volunteers are appreciated. Please click below to view the flyer.

[More Info](#)

Orientation to Transportation-Related Centers/Institutes at UC Davis
Friday, October 4, 2019 at 1:40 to 3pm Pacific
University of California, Davis
1605 Tilia, Room 1103, West Village or Online via Zoom

Join UC Davis' Institute of Transportation Studies for weekly seminars on transportation topics. Click the link for seminar access - no RSVP needed. Seminars occur weekly on Fridays throughout the year.

[More Info](#)

A limited number of sponsored student tickets are available. Please email victoriv@price.usc.edu to request one.

Keep L.A. Moving Conference 2019
Saturday, October 5, 2019 from 8 am to 5 pm Pacific
Mar Vista Restaurant
12249 Venice Blvd
Los Angeles, CA 90066

Keep L.A. Moving 2019 will bring together some of the leading voices in urban transportation, planning, and economics to discuss the future of America's streets. We'll address the most urgent issues in transit, urban planning, and the future of mobility. We'll look at issues including the impacts of road diets and bike lanes on traffic, business, and emergency response.

Registration includes full conference access as well as a Continental-style breakfast, three course lunch, and optional post-conference reception. You're also invited to a walking tour of the infamous Mar Vista road diet on the evening of Friday, October 4, at 6:30pm.

[More Info](#)

Eno Webinar - Mobility Data Sharing: How Cities Are Using New Data for Policy and Planning
Tuesday, October 8, 2019 from 1 to 1:30 pm Pacific

With the explosion of shared mobility services across the globe, cities have begun to request and require access to data from private shared fleet operators deploying vehicles within their boundaries. These private companies are amassing large amounts of data on when, where, and how people are traveling. Now, cities are asking for that information to help staff make more informed transportation infrastructure and policy decisions.

How does mobility data-sharing work, and what are the challenges and opportunities for public agencies who want to benefit from the transportation data created by scooter-share, bike-share, car-share, and ride-hail? Join Populus CEO, Regina Clewlow for a webinar providing an overview of the key opportunities and pain points around data-sharing, and examples of how cities are using data for policy and planning. Click below to register.

[More Info](#)

Fall 2019 Speaker Series: Micro Sensor Development for Vehicle Detection and Identification for Next Generation Smart Roads
Wednesday, October 9, 2019 at 12 pm Pacific
University of Southern California
RGL 100

Join METRANS and PSR for a luncheon with Mohammed Mozumdar, Associate Professor in Electrical Engineering at Cal State Long Beach. Participants will gain professional and technical insights on the development of a distributed wireless sensing network that utilizes low power processors in conjunction to "in sensor node" machine learning algorithms for computation, among other smart road topics. RSVP is required. Please click below to view the flyer.

More Info



Are you a student or recent graduate?
Are you considering a career in transportation?

Consider joining the METRANS Mentor Program!

METRANS takes pride in its Mentor Program, which provides students and recent graduates an opportunity to discover the nuances of a career in transportation through impactful mentorship. Since the program's launch in 2011, we have successfully paired over 100 mentees with professional mentors in their field of interest. This program is meant for students who are driven, responsible, and eager to learn about the transportation industry.

How can I get involved?

The METRANS Mentor Program priority deadline is October 16th, 2019 at 11:59pm. By the deadline, you should submit:

- A completed interest form
- A copy of your CV or resume
- A two-page Personal Statement (see interest form for prompts)

Email your completed interest packet to Reaghan Murphy at rmurphy@usc.edu.



From left to right:
Mentor Mengzhao Hu,
Mentee Chunfan (Natalie) Min

METRANS Mentor Program Priority Applications Due: **Wednesday, October 16, 2019 by 11:59 pm Pacific**

Students and recent graduates interested in pursuing a career in transportation might consider applying for the METRANS Mentor Program. The program launched in 2011 and over 100 mentees have successfully been paired with professional mentors. This program is meant for driven, responsible and eager students. Click the button below for application and more information.

More Info

American Road and Transportation Builders Association Student Video Contest Submissions Due: **Sunday, October 20, 2019**

The ARTBA Foundation supports an annual student video contest to promote the U.S. transportation design and construction industry. ARTBA's Research & Education Division (RED) sponsors the contest and has two submission categories: general transportation impacts, trends and/or funding; and transportation safety.

The contest is divided into two age groups: elementary, middle or high school students; and post-secondary, college and graduate students. Winners are selected in each age group, for a total of four first-place videos. Each winner receives a cash prize and winning entries may be shown during ARTBA's annual National Convention.

More Info

Fall 2019 Speaker Series: Leadership as Improvisation 3.0 Tuesday, October 22, 2019 at 12 pm Pacific University of Southern California DML 240

Join METRANS and PSR for a luncheon with Carol Geffner of the USC Sol Price School of Public Policy. Participants will gain professional insights in this workshop on how to improvise in the workforce and create change for yourself and others. RSVP is required. Please click below to view the flyer.

More Info

Fall 2019 Speaker Series - Microtransit and Micromobility: Benefit or Boondoggle? Wednesday, October 23, 2019 at 12 pm Pacific University of Southern California RGL 100

Join METRANS and PSR for a luncheon with Amelia Regan, Professor of Computer Science and Transportation Systems Engineering at UCI. Participants will gain professional insights on whether micromobility's benefits outweigh the many costs and externalities that have resulted from a push for tech in transportation. RSVP is required. Please click below to view the flyer.

Please note that this date is postponed from the original of September 25. We apologize for the inconvenience and hope that you can join us on October 23!

More Info

Lunch and Learn "Advocacy, Leadership & Our Personal Responsibility" Friday, October 25, 2019 from 11:30 am to 1:30 pm Pacific Kellogg West Conference Center and Hotel 3801 West Temple Avenue Pomona, CA 91768

Reelected to represent the 20th State Senate District in 2018, Senator Connie M. Leyva is serving her second term in the California State Senate. Senator Leyva has focused on improving California's schools, environment and communities, as well as creating quality jobs. Senator Leyva serves as chair of the Senate Education Committee, California Legislative Women's Caucus and the Senate Democratic Caucus, and on the California Commission on the Status of Women and Girls.

Join us for an interactive session with Senator Leyva and learn more about her leadership journey and the role advocacy has played in her life. Network with colleagues over lunch and enjoy the hilltop views from the Kellogg West Conference Center at the Cal Poly Pomona campus! Spaces limited - register early!

More Info

A limited number of sponsored student tickets are available. Please email victoriv@price.usc.edu to request one.

Port of Los Angeles Harbor Boat Tour
Friday, November 8, 2019, 12:30 pm Pacific
Port of LA, San Pedro, Los Angeles

Port staff will be available on the boat to provide narration and to answer questions about Port projects. On the tour, you will have a chance to learn about Port operations and infrastructure projects, and there may be sea lion sightings. Click below for the event flyer.

[More Info](#)

Fall 2019 Speaker Series: Is Neighborhood Change Leading to Falling Transit Ridership?
Wednesday, November 13, 2019 at 12 pm Pacific
University of Southern California

Join METRANS and PSR for a luncheon with Michael Manville, Associate Professor of Urban Planning at UCLA Luskin School of Public Affairs. Participants will gain professional insights on falling transit ridership in Southern California as Professor Manville presents preliminary study results on ridership fluctuation. RSVP is required. Please click below to view the flyer.

[More Info](#)

Transportation Research Board Annual Meeting: Reduced Student Costs
Prices Increase: after Saturday, November 30, 2019
Conference: January 12-16, 2020
Washington, D.C.

The Transportation Research Board (TRB) 99th Annual Meeting will be held January 12–16, 2020, at the Walter E. Washington Convention Center, in Washington, D.C. The information-packed program is expected to attract more than 13,000 transportation professionals from around the world.

The meeting program will cover all transportation modes, with more than 5,000 presentations in nearly 800 sessions and workshops, addressing topics of interest to policy makers, administrators, practitioners, researchers, and representatives of government, industry, and academic institutions. A number of sessions and workshops will focus on the spotlight theme for the 2020 meeting: A Century of Progress: Foundation for the Future.

[More Info](#)

Student Transportation Consulting Volunteer Opportunity
University of Southern California

Please see the following on behalf of USC undergraduate Reanne Aquinde: Reanne is looking to organize student members of the USC Chapter of the Institute of Industrial and Systems Engineers (IISE) to undertake transportation related problems in the field. Interested students need not already be a part of IISE but should attend or live near USC. This opportunity is intended to organize a small, voluntary student team which will then tackle a real world project that students can work on to gain practical experience. Email Reanne for more information at raqinde@usc.edu

Scholarships & Academic Opportunities

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](#)

Call for Papers: World Symposium on Transport and Land Use Research 2020
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

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Job Title	Agency/Firm	Deadline
Research Data Analyst II (# JC-174359)	Caltrans	7-Oct-19
	Los Angeles, CA	
Program Analyst (Kids Ride Free Program)(# 8417)	DC Government	7-Oct-19
	Washington, DC	
Entry-level Transit Planner - 2019 (# 41522)	WSP	8-Oct-19
	Tampa, FL	
Transportation Project Planner (# M592-701)	City of Cambridge	14-Oct-19
	Cambridge, MA	
GIS & Planning Intern	AMBAG	28-Oct-19
	Monterey, CA	
Urban Designer/Planner (# 1066)	Sam Schwartz	
	NY or NJ	
ITS Analyst (# TRANS05859)	Kimley-Horn	
	Mesa, AZ	

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

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

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