METRANS on the Move:
our weekly newsletter by students

Happy Thanksgiving! We wish you a wonderful holiday!

We need your input!!

Feeling like you need a break from all that online shopping? Tell us about it. METRANS is conducting a survey to learn about how we order and receive packages when we shop online. Our team is looking for any and all types of online shoppers to tell us about your experiences using our brief online survey. It will take only about 10 minutes. The survey is available here. The survey results will be used to develop strategies to help decarbonize online shopping. Thank you for taking a moment to help us.

In the News
METRANS Student Staff Writer, Monty Hughes, Appointed to Leadership in USC Sustainability

We proudly congratulate METRANS Student Writer, USC Price School of Public Policy undergraduate Monty Hughes, for being selected to hold the position of Undergraduate Team Lead of the newly formed USC Student Sustainability Committee.

Read more here.

METRANS, PSR, host Roorda for Impacts of Off-Peak Deliveries

Dr. Matthew Roorda is a Professor of Civil Engineering at the University of Toronto, Canada Research Chair in Freight Transportation and Logistics and the founding chair of the Smart Freight Centre, a multi-university research center.

Read more here.

Price PhD candidate’s journey from foster care to academia inspires his research on improving local travel

When Zakhary Mallett wanted to get around the Bay Area as a foster child, public transportation was his only option. Inspired by the time he spent on buses and trains for most of his childhood, Mallett, who is now a PhD candidate in the USC Price School of Public Policy, set out to learn how the systems operate, who uses them and how they are funded.

Read more here.

New bus and bike lanes to open between Downtown Culver City and E Line

After one month of construction, Culver City will cut the ribbon in its new bus and bike lanes along Culver and Washington Boulevards at a ceremony scheduled for November 20. The project, named MOVE Culver City, spans a roughly 1.3-mile corridor between Duquesne Avenue to the west and La Cienega Avenue to the east.

Read the URBANIZE Los Angeles feature here.

Webinars & Online Events

Ride the Green Wave: How Big Data and Traffic Signals Analytics are Helping America Go Green by Saving Time, Fuel, and Lowering Carbon Emissions

Tuesday, November 30th at 10:30 am PST/1:30 pm EST (virtual), hosted by INRIX

Vehicular traffic is a leading cause of unnecessary delay, fuel use, and their resulting emissions. Recent studies suggest traffic signals account for over 20% of delay on the National Highway System. Historically, traffic engineers have relied on scheduled maintenance to adjust and retune these signals. Connected vehicle data
have enabled new scalable solutions to prioritize and improve traffic signal performance, with no need for added infrastructure costs.

Webinar: Optimizing Opportunities for Housing from Failing Shopping Malls
Thursday, December 2nd 10:00 am PST (virtual), hosted by National Center for Sustainable Transportation
This webinar will present findings from a recent study of ten case studies of distressed malls in California’s metropolitan areas to assess their potential for mixed-use development, including housing.

Traffic Signal Timing Webinar Series: Signal Timing Strategies for Pedestrians
Thursday, December 3rd at 12:00 am PST/3:00 pm EST (virtual), hosted by the ITE Traffic Engineering Council
This webinar will focus on a variety of signal timing strategies to provide for the safe and efficient movement of pedestrians through signalized intersections. Balancing the needs for pedestrians with the demands of vehicular traffic has long been an issue for signal operations engineers; in recent years, some new strategies have been developed and some old strategies revisited.

SAVE THE DATE! 2022 TRB Annual Meeting
January 9th-12th (in-person), hosted by TRB
Register by December 3rd and save up to 25%
Expected to attract thousands of transportation professionals from around the world, the meeting program covers all transportation modes, and addresses topics of interest to policy makers . . .

Redesigning Transit Networks for the New Mobility Future
Wednesday, December 8th at 11:00 am PST (virtual), hosted by Eno Center for Transportation
In the past few years, with the rise in app-based transportation network companies (TNCs) and microtransit providers, bus network redesigns have begun to consider how these modes can complement bus service. Join us to uncover best practices from transit agencies across the country about how to conduct a bus network redesign and to learn how new mobility options can be integrated into the network redesign process.

MTI Research Snaps Webinar: Accessibility Policy For Autonomous Public Transit
Thursday, December 9th at 10:00 am PST (virtual), hosted by MTI Research Snaps
Join to explore how, through improved collaboration and adoption of best practices, the industry can learn to address the needs of individuals with disabilities.

WEBINAR: TRAINS, BUSES, PEOPLE: AN OPINIONATED ATLAS OF US AND CANADIAN TRANSIT
Wednesday, January 19th at 12:00 pm PST/3:00 pm EST (virtual), hosted by Eno Center for Transportation
Christof Spieler will discuss the evolving conversation around transit in the past three years since the book originally published. He’ll also briefly cover updates around fare policies, wayfinding, transit governance structures, customer experience, how to create inclusive transit systems that work for all riders.
Fast Facts
Created for Students, by Students

Congestion Reduction through Efficient Container Movement under Stochastic Demand

Author: Maged Dessouky, University of Southern California
Year: 2020
Keywords: congestion reduction, empty container reuse problem, container movements

Check this week's featured Fast Facts here.
Looking for more Fast Facts? Check out the Fast Facts Page on metrans.org!

Pathways to Opportunity

Students Intern for 2022
U.S. Department of Transportation
Apply by ASAP
See more info

Tim Fleming Memorial Scholarship
Fleming Scholarship
Apply by 12/10/2021
See more info

More Internships and Scholarships Here

Associate Engineer - Traffic
City of Carlsbad
Apply by 12/31/2021
See more info

Principal Planning Strategist
Swiftly
Apply by ASAP
See more info

More Job Opportunities Here

Newsletter Staff
Hong-Sheng "Clark" Hsu • Newsletter Lead • hsu@usc.edu
Anderson Meger • News Data Analyst • meger@usc.edu
Emily Ng • Opportunities Editor • emng@usc.edu
Christopher Keating • Fast Facts Editor • cckeatin@usc.edu