

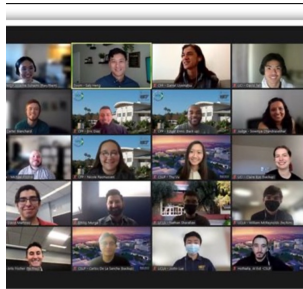


METRANS on the Move: our weekly newsletter written and produced by students



In the News

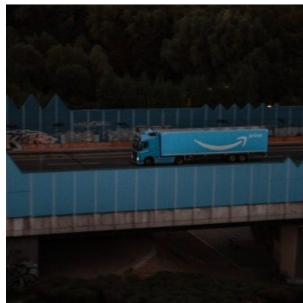
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USC Hosts, UCI Wins So Cal ITE Traffic Bowl 2022

On February 26, 2022, the Southern California Section of the Institute of Transportation Engineers (ITE) held its annual Traffic Bowl competition. The virtual event was hosted by the University of Southern California (USC) chapter and featured ITE chapters from five universities in Southern California: Cal Poly Pomona, California State University Fullerton (Cal State Fullerton), University of California Irvine (UCI), University of California Los Angeles (UCLA), and USC.

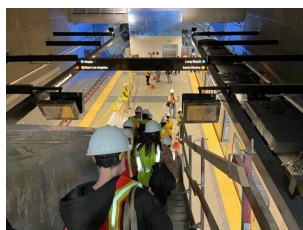
Read more [here](#).



Optimizing Freight Routing: PSR Researchers Investigate Freight Coordination with Traffic Simulators

Freight transport systems deliver products across the country. However, inefficient shipping methods, including sub-optimal routing, can cause unnecessary delays and contribute to congestion. In 2016, congestion from trucking, the most common method of moving freight, cost the US economy \$74.5 billion by delaying traffic a total of 1.2 billion hours.

Read more [here](#).



Preview of Metro's Nearly Completed Regional Connector Subway

Metro celebrated an important construction milestone today: the completion of all trackwork, guideway systems, and station platform areas. Metro CEO Stephanie Wiggins and three Metro boardmembers all praised the anticipated mobility benefits of the project, calling it a game changer.

Read the [STREETSBLOG LA](#) feature [here](#).



Metrolink is first passenger rail agency in U.S. powered by renewable fuel

“It’s a proud achievement to be the first rail agency in the nation to use renewable fuel to move people around southern California,” Metrolink Board Chair Ara Najarian said. “We are committed to continue working toward better air quality in our region and lessening our effect on climate change for the planet.”

Read the Metrolink feature [here](#).

Webinars & Online Events

Webinar: Micromobility as a Solution to Reduce Urban Traffic Congestions

Wednesday, April 20th at 9:00 am PDT/12:00 pm EDT, hosted by STRIDE Center

Micromobility is an innovative transportation strategy that has demonstrated a great potential for congestion mitigation. However, the research on micromobility is very limited in the field of transportation. This project conducted a comprehensive study to analyze, quantify, and understand the impacts of micromobility on congestion reduction and generate new knowledge to facilitate the planning of micromobility services.

[More Info](#)

Cybersecurity and Infrastructure Security - Brian Keith

Wednesday, April 20th at 6:00 pm PDT (in-person) on the USC main campus, hosted by CE 582

The lecture will discuss the Cybersecurity and Infrastructure Security Agency (CISA) and the Protective Security Advisor Program and its role in helping to secure our nations Critical Infrastructure. Please click "More Info" to see the official flyer.

[More Info](#)

Webinar: NDPTC's Virtual 3rd Thursday Event - Stories and Lessons from the Tonga Volcano-Tsunami

Thursday, April 21st at 3:00 pm PDT/12:00 pm HST, hosted by NDPTC

Please join us for our April 2022 Third Thursday Virtual Event which will spotlight the Hunga Tonga-Hunga Ha'apai Volcano-Tsunami event in January 2022. Presentations will focus on assessment of what occurred, review preparedness, response, and recovery efforts, and examine relevant lessons learned for the disaster management community.

[More Info](#)

Bike Maintenance: Fix-A-Flat - Online Video Class

Thursday, April 21st at 5:00 pm PDT, hosted by Metro Bicycle Education Safety Training Program

Do you want to learn bike maintenance basics and how to fix a flat tire to ensure a smooth and safe ride? The BEST Basic Bike Maintenance class, presented by Metro and People for Mobility Justice, is a 1-hour online session (via Zoom) that will provide an overview of basic bike maintenance. You are welcome to have your bike ready for questions for a Q&A session at the end of class.

[More Info](#)

Ride Metrolink Free on Earth Day, April 22

Friday, April 22nd, hosted by METROLINK

Metrolink is committed to improving the environment in Southern California and the health of the communities we serve. We know that together we can make an impact and we want you to join us! Small acts like taking the train, can add up to a big green impact and contribute to a healthier, more sustainable Southern California. Take the first step by taking the train in the month of April and ride for free on Earth Day!

[More Info](#)

Bike Share 101 Power Up: Intro to Electric Bikes (Online)

Friday, April 22nd at 6:00 pm PDT, hosted by Metro Bicycle Education Safety Training Program

Are you interested in using Metro Electric Bikes and learning more about e-bike safety, rules of the road, and how to purchase and maintain an e-bike? In celebration of Earth Day, join us for a class on all things e-bikes, presented by Metro, Metro Bike Share, and LA County Bicycle Coalition is a 1.5-hour virtual session (via Zoom) designed to teach us how to best take advantage of E-Bikes, whether we use personal or Metro Bike Share e-bikes.

[More Info](#)

Commerce Moving Forward: Community Ride - In-Person Ride

Saturday, April 23rd at 10:00 am PDT, hosted by Metro Bicycle Education Safety Training Program

Do you want to be more comfortable and confident when cycling on city roads? Have you taken one of our virtual classes and want to practice what you learned in a real-world setting? The Commerce Moving Forward: Community Ride is presented by Metro, LA County Bicycle Coalition, and People for Mobility Justice, in partnership with the City of Commerce and Climate Resolve. This is an in-person class that will practice cycling etiquette and safe riding with a group of beginning cyclists. Participants will receive a FREE helmet and a set of bike lights! Raffle prizes will also be available.

[More Info](#)

Webinar: Air Quality Impacts of the Proposed Expansion of Oregon's Clean Fuels Program

Thursday, April 28th at 11:00 am PDT, hosted by UC Davis

As part of a state-wide effort to reduce carbon emissions, the Oregon Department of Environmental Quality is considering an expansion of the state's Clean Fuels Program (CFP). Adopted in 2015, the CFP sets a state-wide target for the average amount of carbon intensity (carbon emissions per unit) for transportation fuels. This target declines over time, and creates an incentive for fuel suppliers to bring cleaner, renewable fuels, like electricity, biodiesel, renewable natural gas, or ethanol, to the Oregon market. In addition to being lower-carbon emissions, these fuels also typically reduce emissions of other air pollutants, like particulate matter, and chemicals that contribute to the formation of Ozone or smog.

[More Info](#)

Webinar: Is Sharing Caring? Understanding Shared Mobility Impacts

Friday, April 29th at 9:00 am PDT, hosted by ITS-Irvine

Speaker: Professor Susan Shaheen, UC Berkeley.

[More Info](#)

Bike Maintenance: Fix-A-Flat - In-Person Class

Saturday, April 30th at 10:30 am PDT, hosted by Metro Bicycle Education Safety Training Program

Do you want to learn bike maintenance basics and how to repair a flat tire to ensure a smooth and safe ride? The BEST Bike Maintenance: Fix-A-Flat class, presented by Metro and People for Mobility Justice is an in-person class that will provide an overview of basic bike maintenance and how to make tire repairs on your own. You are encouraged to bring your bike for specific questions. Participants will receive a FREE helmet and a set of bike lights!

[More Info](#)

Earth Week in North Hollywood: Bike Share Community Ride

Saturday, April 30th at 1:00 pm PDT, hosted by Metro Bicycle Education Safety Training Program

Join LA County Bicycle Coalition and Metro Bike Share for this beginner & family-friendly, springtime ride to celebrate Earth Week, sponsored by Metro's Bicycle Education Safety Training (BEST) Program. The ride will begin at the North Hollywood Metro Bike Share Station located conveniently near the G (Orange) Line and B (Red) Line stations on the northwest corner of Lankershim and Chandler. We will ride in the bike lane past the Arts District businesses to the Chandler Bike Path, where we will ride past the Lankershim Depot and various murals. This is an out-and-back flat route that is welcoming to riders of all abilities.

[More Info](#)

Webinar: Reforming Governance to Transform Cities

Thursday, May 5th at 11:00 am PDT/2:00 pm EDT, hosted by Eno Center for Transportation

Cities own the streets that transit agencies need for their bus lanes. Regions often lack a coordinated entity to oversee implementation of road pricing. Freight rolling off a regional port hub is not always synced with the state and local roadways that connect it.

[More Info](#)

Data for Active Transportation Research and Planning

Friday, May 6th at 1:40 pm PDT (hybrid), hosted by ITS-Davis

Lack of available data can be a barrier to bicycling and pedestrian research and planning. Much of my team's research focuses on building novel data sources to map bicycling infrastructure, safety, and volume. In this presentation I will outline how we are using OpenStreetMaps to map bicycle infrastructure, crowdsource webmaps (BikeMaps.org and WalkRollMap.org) to map safety and access concerns, and modelling ridership using Strava data. I will discuss how crowdsource data provide unique opportunities to enhance active transportation data, but also challenges particularly around representativeness and equity.

[More Info](#)

2022 ITS California Annual Conference & Exhibition

May 16th to 18th at Hyatt Regency San Francisco Airport, hosted by ITS California

Please check the Membership list to see if your organization is an ITS California Member to use the Membership discount.

[More Info](#)

2022 CITT State of the Trade and Transportation Industry Town Hall Meeting

Tuesday, May 24th at 7:30 am PDT (in-person), hosted by Center for International Trade & Transportation

A free in-person Town Hall Meeting (including breakfast) and the presentation of the Domenick Miretti Award to TTSI's Vic La Rosa.

While the world awaits a clear victory over a global pandemic, the supply chain carries on. Disruptions and delays have been the big story in the news; but the supply chain has been surprisingly resilient in the face of unprecedented consumer demand over the past two years. As the freight system navigates these challenges, it also continues to work toward the sustainability goals set out by the State and called for by local communities.

[More Info](#)

METRANS Event: 9th METRANS International Urban Freight Conference

May 25th to 27th at Hyatt Regency Long Beach, hosted by METRANS

The International Urban Freight Conference (I-NUF) is the premier biennial conference that addresses all aspects of city logistics and goods movement in the world's metropolitan areas. The conference brings together researchers and practitioners in urban freight, supply chains, and logistics from around the world. It is a showcase for cutting-edge research and dynamic information-sharing and provides a forum for researchers, policy makers, and practitioners to reimagine and guide the future of the industry.

[More Info](#)

Webinar: Cloud storage and data analytics and the impacts on Transportation

Friday, May 27th at 9:00 am PDT, hosted by ITS-Irvine

Speaker: Randy Iwasaki, Leader, State and Local Transportation, Amazon Web Service (AWS).

[More Info](#)

Conference on Sustainability and Emerging Transportation Technology

May 31st to June 2nd (in-person), hosted by Transportation Research Board

Transportation technologies (e.g., connected and automated vehicles) and new approaches to mobility (e.g., shared services) are advancing so rapidly that it can be difficult for policy makers to frame incentives, regulations, and market signals to promote all three pillars of sustainability: equity, the environment, and the economy. The Sustainability and Emerging Transportation Technology (SETT)

Conference will address questions around how academics, policy-makers, the private sector, NGOs, and others can work together to shape new mobility solutions to benefit all users of our transportation systems.

[More Info](#)

ITSWC22 Student Essay and Video Competition (Sep 18-22)

Due on June 1st.

Turn your knowledge of Intelligent Transportation Systems (ITS) into cash and win national recognition. ITS America Events and Southwest Research Institute® (SwRI®) are proud to partner once again for the 11th annual 2022 ITS Student Essay and Video Competition. This competition serves as an opportunity for today's transportation, engineering, and public policy students to apply their knowledge in a thought-provoking manner for a chance to win scholarship money, while building awareness of the high-tech transportation industry as a limitless career path.

[More Info](#)

Webinar: The Accessibility Shift: Transforming Urban Transportation and Land-Use Planning

Friday, June 24th at 9:00 am PDT, hosted by ITS-Irvine

Speaker: Jonathan Levine, Professor, University of Michigan.

[More Info](#)

Webinar: Innovation Roadmaps for Freight Transportation in Europe

Friday, July 8th at 9:00 am PDT, hosted by ITS-Irvine

Speaker: Lori Tavasszy, Professor, TU Delft.

[More Info](#)

Fast Facts

Created for Students, by Students

The Evolutions of Los Angeles Metro Rail Station Neighborhoods: Moves Edition

Author: Marlon Boarnet,
Seva Rodnynasky, and Raphael Bostic

Year: 2019

Keywords: Transit Oriented
Development, Public Transit, Housing,
Gentrification



The Evolutions of Los Angeles Metro Rail Station Neighborhoods: Rents and Permits Edition

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Newsletter Staff

Hong-Sheng "Clark" Hsu • *Newsletter Lead* • hsuh@usc.edu
Agil Wibowo • *Social Media Lead* • agilwibo@usc.edu
Emily Ng • *Opportunities Editor* • emng@usc.edu
Christopher Keating • *Fast Facts Editor* • cckeatin@usc.edu
Hayley Rundle • *Staff Writer* • hrundle@usc.edu
Jacob Wong • *Staff Writer* • wongjaco@usc.edu
Dr. Victoria Deguzman • *Advisor* • victoriv@price.usc.edu

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