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ANNIVERSARY

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1998 – 2018

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. Our newsletter is a team effort to foster knowledge and opportunities related to transportation. This week we feature a seminar from UC Davis on transportation funding, insight into why buses are the ultimate mode, and numerous upcoming opportunities. If you have suggestions for content – events, scholarships, internships, jobs, and more – that you'd like to see included, just reach out to me or any of our student staff listed at the end of the newsletter. Enjoy this week's newsletter, and click the button below to subscribe!

Lauren Mullarkey-Williams
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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.



League of California Cities' Michael Coleman Speaks on Complex Web of California State and Local Transportation Funding By Stephen Kulieke, UC Davis

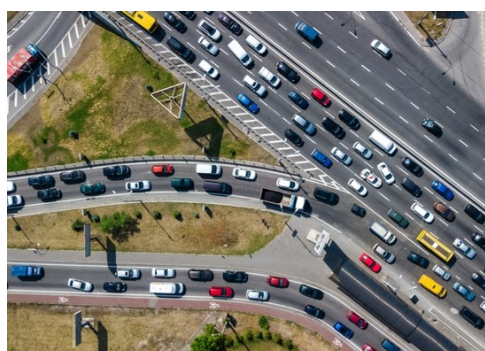
With the issue of how California funds highway and transit projects currently much in the news and on the minds of voters, one of the state's leading experts on financing transportation gave a tutorial on the complexities of such taxes and fees at the October 26 seminar hosted by the Institute of Transportation Studies at UC Davis.

Read more [here](#).

Transportation Wants to Use Data to Predict Accidents and Make Roads Safer

When it comes to data, the Transportation Department is all dressed up but not sure how to present itself. While the agency collects incredibly detailed information on roads, vehicles and collisions across the country, it lacks the tech to present the data in an appealing, accessible way. But today the organization is building tools that could give state and local policymakers specific pointers for improving safety on their roads.

Read more [here](#).



The Bus is Still the Best



In some cases, shrinking vehicles is a great idea.

Cities don't have room for everyone's car. With shared electric scooters, and improvements to bicycle access, people are finding new ways to move without taking up much more space than their body does. So it feels right that shrinking transit might be a good idea, too, maybe into little vehicles that will come to your door on demand. But it's not. The best way to get the most people around a city efficiently and cheaply isn't nearly as sexy or high-tech: It's fixed-route buses.

Read more [here](#).

Driving Your Career Towards a Booming Sector



While less than a decade ago self-driving cars may have seemed like science fiction, a number of major technology companies and car manufacturers are testing autonomous vehicles in trials on public roads around the world. Google was the first major company to begin sending robotic vehicles out on public roads around California, but traditional car firms including Ford, Jaguar Land Rover, General Motors, BMW and Volkswagen have now developed self-driving systems of their own.

Read more [here](#).

Get Involved

Kittelson & Associates 2018 Webinar Monday, November 5, 2018 3 pm Pacific and Tuesday, November 13, 2018 6 pm Pacific

A career in transportation has a direct effect on the safety, efficiency and equity of a community. Curious if this career path is for you? Kittelson & Associates invites you to join us for a webinar to learn more about it! This annual webinar is a way for us to meet prospective employees and interns, and share with you how planners and engineers approach and solve the complex transportation issues facing our communities today.

This webinar is free and open to anyone interested, no matter where you are in your education or career. We will be offering it twice; please note that registration is required. Once you register, additional information will be emailed to you.

With any questions, please contact Kylie Caviness at kcaviness@kittelson.com.

[More Info](#)

Transportation Industry Outlook: The Future of Mobility: Access, not ACES Wednesday, November 7, 2018 Reception - 5:00 pm Pacific, RGL 308 Presentation - 6:30 pm Pacific, RGL 101

Over the past few years, the future of mobility has been defined by the acronym ACES: Autonomous, Connected, Electric & Shared. Following this definition, the evolution of mobility is being characterized as resolving some technical challenges. However, as any urban travel can attest, moving throughout a city is much more about behavior change than technology adoption. And our behavior is driven by our need to get what matters most or to have goods delivered to meet our needs. That behavioral human desire for access should be at the core of the future of mobility...It's access, not ACES.

Distinguished Speaker:

Jon Coleman, Director at City Solutions, Ford Smart Mobility, LLC

To RSVP, please email Lin Zhu at zhu113@usc.edu.

[More Info](#)

Transit Oriented Los Angeles 2018 November 8, 2018 7:30 am - 12:00 pm Pacific Japanese American National Museum

Join leaders in the transportation planning and development community to learn how our transit system can be an equitable economic force. Get an exclusive preview of new UCLA research into the potential outcomes of more Angelenos housed, working, and playing in areas where they have mobility choices, and a better quality of life. Also, hear from national experts in equitable development and community change management, and local leaders in our diverse region about new tools and approaches to living well in transit oriented communities.

[More Info](#)

METRANS PSR has a limited number of spots for complimentary student attendance to this event. Please email Victoria Deguzman at victoriv@price.usc.edu to secure your spot.

Council of Supply Chain Management Professionals: Disney Distribution Tour
November 8, 2018 12:45 pm - 5:30 pm Pacific
Disney Ontario Distribution Center
2550 South Sequoia Ave, Ontario, CA 91761

Join us for a tour of Walt Disney Parks and Resorts' 610k square foot Distribution Center in Ontario, CA. Disney will guide us through their distribution center and share how they respond and replenish product within 48 hours, utilizing Oracle Retail and SAP IT platforms to manage operations and product flow. We will also get to learn about future technologies under consideration, such as drones and automated guided vehicles, and how they may be effectively implemented to support future operations and objectives.

A networking reception will take place after completion of the tour. Enjoy complimentary food and drinks and a hands-on demonstration by Raymond Handling Solutions.

[More Info](#)

UCLA ITS Book Talk:
Three Revolutions - Steering Automated, Sharing, and Electric Vehicles to a Better Future
November 8, 2018 6 - 8 pm Pacific
UCLA Luskin School of Public Affairs, Room 2355

Transportation is on the cusp of revolutionary change. With electric, automated, and shared vehicles no longer imaginings of a distant future, we have the potential to create a dream transportation system: one that reduces traffic congestion and greenhouse gas emissions, increases accessibility and affordability, and creates healthier, more livable and equitable cities. But this scenario is not guaranteed. Many factors will influence the impacts of the three revolutions and it will be up to federal, state, and local policymakers to guide these changes toward the public's interest.

During this event, transportation expert Daniel Sperling and author of *Three Revolutions* will share real-world stories and research-based insights on the potential impacts of the three revolutions. He and panelists will also give policy recommendations to steer us toward a sustainable, livable, and equitable future.

Distinguished Speakers:

Daniel Sperling, Professor of Civil Engineering and Environmental Science and Policy; and Director, UC Davis Institute of Transportation Studies

Brian Taylor, Professor of Urban Planning; and Director, UCLA Institute of Transportation Studies

Sarah Potts Ashton, Director of Public Affairs in Southern California, Uber

Patricia Monahan, Transportation Program Director, Energy Foundation

Marcel Porras, Chief Sustainability Officer, Los Angeles Department of Transportation

Space is limited. For more information and to RSVP, please click below.

[More Info](#)

METRANS Fall 2018 Speaker Series: Parking and the City
Wednesday, November 14, 2018 12:30 pm Pacific
USC - RGL 100

Donald Shoup is a distinguished research professor in the Department of Urban Planning at UCLA. His recent research has focused on how parking policies affect cities, the economy, and the environment. In his book, *The High Cost of Free Parking*, Shoup argued that cities should charge fair market prices for on-street parking, use the meter revenue to finance added public services in the metered neighborhoods, and remove off-street parking requirements. In his new book, Shoup and his coauthors explain how these proposals have worked out in practice.

Distinguished Speaker:

Donald Shoup, Fellow at the American Institute of Certified Planners, Honorary Professor at the Beijing Transportation Research Center, Editor of ACCESS

To RSVP, please email Lin Zhu at zhu113@usc.edu.

[More Info](#)

UCLA ITS Book Talk:
Robert Poole - Rethinking America's Highway Institutions
November 15, 2018 12:15 pm - 1:45 pm Pacific
UCLA Luskin School of Public Affairs, Room 4230B

Robert Poole is the director of transportation policy at the Reason Foundation and the author of the new book "Rethinking America's Highways, in which he argues that 20th century governance and funding model for highways is failing to solve chronic problems such as congestion, deferred maintenance, and poor resource allocation decisions, in addition to inadequate funding. He argues that other major utilities (electricity, telecommunications, water supply) are governed and funded very differently from highways, and that major 21st century highways should be re-configured as network utilities. He cites precedents for this in other countries and in the better performance of U.S. toll roads than of comparable highways. He also outlines a possible transition from the status quo to highway utilities, starting with the Interstate highways.

Mr. Poole's work has introduced HOT lanes, express toll lanes, dedicated truck lanes, and long-term public-private partnerships to U.S. transportation. He has advised federal and state transportation agencies, testified before congressional and legislative committees, and served on advisory boards and commissions.

Lunch will be provided. For more information and to RSVP, please click below.

More Info

LACoMotion "Future of Mobility" Conference: Seeking Student Volunteers

November 15-17, 2018
Downtown Los Angeles

An Expo and Festival on New Mobility like no other...

LA CoMotion brings together the brave new world of the urban mobility revolution — a revolution that is set to transform every city in the world, large and small. Global mayors, leading technologists, public transport operators and venture capitalists, start-ups and established players — the entire landscape of new urban mobility will be present in November for LA CoMotion. Three days of immersive and inspirational talks, demos, test drives and exhibitions — a glimpse into our new urban future.

LACoMotion is seeking student volunteers to attend AM or PM shifts on Thursday, November 15th and Friday, November 16th. If you are interested, express your interest below and conference organizers may be in touch.

More Info

Scholarships & Academic Opportunities

Railway Association of Southern California 2018 Logo Contest

Submissions Due Friday, November 26, 2018

Railway Association of Southern California is looking for a new logo that identifies and embodies their mission dedicated to promoting the diverse professions within the railroad industry and sponsoring fellowship among railroad professionals in the Southern California area.

Logo submission can be made on an individual or group basis. The winner of the contest will receive a cash prize, a plaque (with new logo), and bragging rights and the new logo will be unveiled at the 2018 Annual Holiday Dinner.

For more information, contact Gyan Sinha at gyan.sinha@kimley-horn.com or railway.assn.so.cal@gmail.com.

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

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

Transportation Engineer
Irvine, CA



More Info

Job Title	Agency/Firm	Deadline
Civil Engineer- Highway (# 515159100)	US Department of Transportation	11/12/2018
	Sacramento, CA	
IGR Coordinator / Regional Planning Liaison (# JC-133396)	Caltrans	11/19/2018
	Shasta, CA	
Assistant Administrator, Regional Planning (# 54455C)	Los Angeles County Department of Human Resources	11/29/2018
	Los Angeles, CA	
Mitigation Senior Specialist (# JC-133332)	Caltrans	
	Fresno, CA	
Assistant/ Associate Engineer	City of Cupertino	
	Cupertino, CA	
Civil Engineer 5-Traffic/ITS (# 21911BR)	CDM Smith	
	Los Angeles, CA	

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