

METRANS

Transportation Center

USC CSULB

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 week we feature a recap from the student-led Urban Crawl to Tijuana, Mexico, as well as several upcoming talks, webinars, and job openings. If you have suggestions for content or opportunities, please feel free to reach out to any member of our student staff (listed at the bottom of each issue). Please enjoy this week's newsletter 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.

METRANS PSR Supports Student Experiential Learning Trip to Mexico By Adylbek Abdykalikov, USC IPPAM 2020



On January 19, 2019, the USC Associated Students of Planning and Development (ASPD), Price Latino Student Association, and Partnership for an Equitable Los Angeles (PELA) organized an exciting student trip to Tijuana, Mexico as a part of ASPD Urban Crawl series. Urban Crawls are experiential learning opportunities designed to immerse urban planning students and other interested graduate students in different cities and areas in the region. METRANS Transportation Center and Pacific Southwest Region UTC were thrilled and happy to support this event and others which further our mission and goals, in particular with regard to transportation education and workforce development, underrepresented populations, and STEM careers.

[Read more here.](#)

Meet the WTS-OC 2018 Scholarship Winners: Karina Schneider M.A. in Urban and Regional Planning, UCLA

Karina is in the second year of her Master's Degree program at UCLA. After attending the WTS-OC 2017 Transportation Academy, she was inspired to concentrate her Urban and Regional Planning studies in Transportation Policy and Planning. She was also inspired to seek out internships in the transportation industry, currently with the Los Angeles Department of Transportation, and



previously with the Oakland Department of Transportation.

Read more [here](#).

L.A. May Charge Drivers by the Mile, Adding Freeway Tolls to Cut Congestion



For years, Southern California lawmakers have tried to steer clear of decisions that make driving more expensive or miserable, afraid of angering one of their largest groups of constituents. But now, transportation officials say, congestion has grown so bad in Los Angeles County that politicians have no choice but to contemplate charging motorists more to drive - a strategy that has stirred controversy but helped cities in other parts of the world tame their own traffic.

Read more [here](#).

STEP, States Develop Action Plans for Pedestrian Safety at Uncontrolled Crossings



Over the past 12 months, the leadership of 22 State departments of transportation (DOTs) sought to advance implementation of the countermeasures promoted by the FHWA Safe Transportation for Every Pedestrian (STEP) program. STEP, an innovation of Every Day Counts, supported these one-day meetings to develop recommendations later compiled into State-specific action plan reports.

Read more [here](#).

Does Air Pollution Make Teens Eat Fattening Foods?



Could air pollution be making us fat? A new USC study suggests that exposure to traffic pollution during childhood makes adolescents 34 percent more likely to eat foods high in unhealthy trans fats — regardless of household income, parent education level or proximity to fast-food restaurants.

Read more [here](#).

Get Involved

Los Angeles METRO NextGen Bus Study 2019 Public Workshops running between January 8 and February 6, 2019

Come to any public workshop between January 8 and February 6 and help us redesign the bus system. Meet with Metro staff, learn about the study and share your thoughts on how to improve the bus system, including bus routes, frequencies, day and times of operation. Stop in any time during the workshop.

*Everyone will receive a free TAP card, while supplies last. We'll also be raffling off other Metro transit passes. Join us for your chance to win!

For questions, please contact Robert Calix at NextGen@metro.net.

More Info

INSPIRE University Transportation Center Presents: Assistive Intelligence (AI): Intelligent Data Analytics Algorithms to Assist Human Experts Wednesday, January 30, 2019 9 am - 11 am Pacific

Artificial Intelligence, particularly deep learning, has recently received increasing attention in many applications, such as image classification, speech recognition, and computer games. The success of deep learning algorithms requires big annotated datasets for training, gradient-based optimization algorithms, and powerful computational resources. In the case of civil infrastructure inspection, we can collect big data from different imaging sensors such as color, thermal, and hyperspectral cameras. Three issues encounter in this application. First, it is tedious and

expensive to let human experts annotate the datasets to train deep learning algorithms. Second, the offline trained deep learning algorithms may not be able to adapt to new civil infrastructures. Third and lastly, the trained deep learning algorithm works like a black box on new data, without the domain knowledge from human experts.

In this project, we investigate intelligent data analytics algorithms with human experts in the loop, called Assistive Intelligence (AI). Using the bridge inspection as a case study, we aim to find regions-of-interest (e.g., joints with damages) over long video sequences. The data analytics algorithm is initially trained from a small set of data. Given the dataset of a new bridge, bridge experts only need to annotate a few region-of-interest examples as the seed; our algorithm will retrieve corresponding examples in the rest of videos. Human experts can also return some incorrectly retrieved samples to the data analytics algorithm for further refinement. Thus, while the data analytics algorithm can assist human in an efficient way, bridge experts can leverage their domain knowledge in the adaptation of the computational tool in different scenarios.

Distinguished Speaker:

Dr. Zhaozhend Yin, Associate Professor and St. Clair Fellow, Department of Computer Science, Missouri University of Science and Technology

To RSVP to this free online webinar, [click here](#).

[More Info](#)

**METRANS Spring 2012 Speakers Series:
LA Metro is Changing the Mobility Landscape - Learn What's Next!
Wednesday, January 30, 2019 12 pm - 1 pm Pacific**

Los Angeles is facing an unprecedented transformational opportunity. With competing mobility options, changing land use patterns and shifting individual preferences for how to move about the city, Metro's role in communities is more important than ever. Hear about the multi-modal approach that Metro is undertaking to provide Angelenos with more mobility opportunities.

Distinguished Speaker:

Laura Cornejo, Deputy Executive Officer (DEO) of Countywide Planning for LA Metro

Lunch will be served. To RSVP, email Adyl Abdykalikov at abdykali@usc.edu.

[More Info](#)

**The National Academies of Sciences, Engineering, and Medicine:
Workshop and Webcast on Frontiers of Big Data, Modeling, and Simulation in Urban Sustainability
January 30-31, 2019 9 am - 5:00 pm Pacific
Keck Center, Room 100, 500 Fifth St., NW, Washington, D.C. 20001**

Data, modeling, and simulations are critical to planning for and maintaining sustainable communities. We invite you to attend a workshop and webcast on January 30-31, 2018 that will bring together the emerging interdisciplinary network of practitioners, business leaders, academics, and policy makers using data for urban sustainability.

Participants on Day 2 of the workshop will have a choice between three mini-workshops on the following topics: Air and Water Quality, Transportation and Physical Infrastructure, or Sustainable Inclusive Communities. These mini-workshops are a key aspect of the program to identify areas where cities and the research community can partner to advance urban sustainability.

Click [here](#) to check out a preliminary agenda of the two-day event, and visit the link below to register.

[More Info](#)

**2nd UCI Graduate Colloquium on Innovation in Transportation
Thursday, January 31, 2019 12:30 pm - 3:00 pm Pacific
UC Irvine Student Center, Doherty Room
311 W Peltason Dr, Irvine CA 92697**

The Colloquium is organized by ITS and co-sponsored by the Pacific Southwest Region University Transportation Center. Lunch will be served.

This Colloquium brings planners and engineers together to discuss the innovations in transportation the world is experiencing and to share and understand different perspectives, and we look forward to a stimulating and wide-ranging discussion.

Distinguished Speakers:

Rani Narula-Woods, Senior Director of Special Projects, Office of Extraordinary Innovation at LA Metro
Ramin Massoumi, Senior Vice President and General Manager - Transportation Systems, Iteris, Inc.
Antoinette Meier, Principal Regional Planner, San Diego Association of Governments

RSVP by Monday at 12 pm by emailing Victoria Deguzman at victoriv@usc.edu.

[More Info](#)

**Tesla Networking Happy Hour
Thursday, January 31, 2019 5:30 pm - 7:30 pm Pacific
The Lab Gastropub
3500 S Figueroa St. Los Angeles, CA 90007**

If you are interested in pursuing opportunities at Tesla, we encourage you to stop by. We will be able to answer any questions you may have on our opportunities and the recruiting process. We highly encourage you to register even if you cannot make it to the event. A Recruiter will reach out to you directly should we have an opportunity aligned with your background.

Prepare your best resume and RSVP by clicking the link below.

[More Info](#)

METRANS 2019 Mentor Program
Apply by Friday, February 1, 2019

Each year METRANS matches students and recent graduates with professionals who provide practical career guidance to those interested in considering a career in transportation or a transportation related field. Our program offers the opportunity to gain perspective on the transportation profession and to receive advice and counsel from a professional and while the relationship is defined as lasting through the year, many of our students and mentors remain in contact much longer and we have had some incredible success stories.

We encourage you to join us by completing and returning the short application form attached; mentors and mentees are selected based on common career and academic interests. We will begin matching mentors and mentees February 1, and encourage you to submit your application as soon as possible for the best chance that your ideal mentor is still available.

Please return the application form below, a copy of your CV/resume, and your personal statement by email to Victoria Deguzman at victoriv@usc.edu.

Mentor Program Guidelines

Mentor Program Application

UC Davis ITS Seminar:
Autonomous Vehicles in California
Friday, February 1, 2019 1:40 pm - 3:00 pm Pacific
UC Davis - 1605 Tilia, Room 1103, West Village

The transportation industry is in the middle of a transformation with the advent of autonomous, or self-driving, vehicles. Much of this is happening in California, as automotive manufacturers, supplier companies, and technology firms all work to develop this advancement. The work is high technical, involving advanced sensors, high-powered computing, and artificial intelligence, and machine learning. In addition, there are social, economic, and regulatory aspects to this technology. Dr. Soriano will speak to the autonomous vehicle activities occurring throughout the state and the issues involved.

Distinguished Speaker:

Bernard C. Soriano, Deputy Director of California Director of Motor Vehicles

Check out the UC Davis ITS website for other upcoming events, and click below for more information.

More Info

TRB Webinar:
Systemic Pedestrian Safety Analysis and Risk Based Prioritization
Monday, February 4, 2019 10:00 am - 11:30 am Pacific

This webinar will describe how transportation agencies can utilize a systemic approach to pedestrian safety by outlining its process and needs. A systemic approach, as opposed to a "hot-spot" approach, enables transportation agencies to identify, prioritize, and select appropriate countermeasures for locations with a high risk of pedestrian-related crashes.

Presenters will discuss how some jurisdictions have begun to collect and analyze data types, how they have dealt with constraints, and how they have incorporated systemic approaches into their safety programs. They will also share examples of databases, screening tools, and systemic prioritization processes.

Webinar Presenters:

Libby Thomas, University of North Carolina Highway Safety Research Center
Brent Crowther, Kimley-Horn
Chris Svolopoulos, Seattle Department of Transportation

Some registrants will need to pay \$95 to attend this webinar. Sign into MyTRB.org to view registration information.

More Info

Freight Waves Webinar:
Company Building: How Private Equity Firms Are Disrupting and Transforming Transportation Logistics
Tuesday, February 4, 2019 11 am Pacific

Third-party logistics (3PL) providers are becoming increasingly attractive investments for private equity firms. Supply chains are vital to the global economy, the market is extremely fragmented, and there is currently an inefficient use of technology assets, leaving a great deal of opportunity for potentially lucrative investments in 3PLs that serve middle-market customers given their potential for expansion within the industry.

New ownership in this area could lead to big changes for customers and suppliers alike, including new practices, consolidation and hopefully growth. To explore these opportunities and potential changes, FreightWaves and Redwood Logistics will be partnering to host a one-hour webinar on Tuesday, February 5, at 2pm ET. Mark Yeager, CEO at Redwood and Senior Advisor for CI Capital Partners, is well-versed in the role that private equity is playing in logistics company building and will join the conversation to share his perspectives on what these acquisitions could mean for the industry.

More Info

METRANS Spring 2019 Speakers Series:
Lunch with Transportation Professional Steven Mateer
Wednesday, February 6, 2019 12 pm - 1 pm Pacific

USC - VPD 203

Join us for lunch and a lively discussion. Learn how to navigate the exciting field of transportation planning - course work, skill sets, work environments, career paths, and more!

Steven Mateer, a seasoned transportation planning professional, will share his professional experiences learned over the past 14 years to help you plan and make the best career decisions possible. Steven's accomplishments at Metro include funding plans and strategies for several major highway and transit projects as well as leading the adoption of the Metro First/Last Mile Strategic Plan.

Distinguished Speaker:

Steven Mateer, Transportation Superintendent for the City of Glendora

To RSVP, contact Adyl Abdykali at abdykali@usc.edu.

More Info

UC Davis ITS Seminar - Cashless / Wireless / Paperless / Driverless: Public Transit in an On-Demand World Friday, February 8, 2019 1:40 pm - 3:00 pm Pacific UC Davis - 1605 Tilia, Room 1103, West Village

Technology, entrepreneurship and changing customer expectations are disrupting traditional models of mobility. In this evolving environment, public transportation systems are helping lead change through service innovations such as transit route redesign, TNC partnerships, micro-transit, automated transit shuttles, and integrated payment platforms, to name just a few. In these and other ways, transit agencies are stepping-up as the backbone of an integrated mobility ecosystem.

The discussion will focus on ways public transit agencies are poised to perform the role of regional mobility managers and help integrate the full array of local mobility services into an efficient, coordinated system to provide an enhanced level of mobility and prosperity in our communities.

Distinguished Speaker:

Arthur L. Guzzetti, Vice President of Mobility Initiatives and Public Policy, American Public Transportation Association

Check out the UC Davis ITS website for other upcoming events, and click below for more information.

More Info

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

Graduate Women in Science Present: Across the STEMverse Industry Career Conference Saturday, February 9, 2019 9 am - 4 pm Pacific USC Town and Gown

Across the STEMverse is an industry career conference that strives to give scientists in the LA-wide area the opportunity to meet, seek advice, and to network with experienced professionals working outside of academia. It also aims to connect individuals from different fields, schools, and backgrounds to foster collaboration.

The all-day event will include breakfast/check-in, panel discussions, lunch, roundtable discussions, and networking. The conference will host professionals from a variety of STEM careers, including but not limited to entrepreneurship, regulatory science, patent law, management consulting, gaming, technology transfer, research & development, science communication, and data science.

This event is FREE for dues paying GWIS LA Members. To join the chapter, click [here](#) or visit the link to register below.

More Info

2019 American Planning Association Los Angeles Student Symposium: Resiliency in Planning Saturday, February 9, 2019 9:30 am - 5 pm Pacific Cal Poly Pomona - Building 7

Students and planning professionals from the greater Los Angeles region are invited to Cal Poly Pomona to attend the 13th Annual American Planning Association Los Angeles Student Symposium, hosted by Cal Poly Pomona's College of Architecture and Environmental Design, on Saturday, February 9, 2019.

The topic this year is "resiliency in planning" as it relates to housing, public participation, sustainability, and transportation. Attendees will have the opportunity to engage with other students and professionals in these important and relevant topics during workshop sessions, panel discussions, poster board presentations, and a professional mixer. Stay tuned for details!

This event is FREE for students. For more information, click [here](#) or visit the link to register below.

More Info

METRANS PSR Field Trip: Port of Long Beach Harbor Tour Saturday, February 9, 2019 10:00 am Pacific Long Beach, CA

The Port of Long Beach Environmental Planning, Master Planning, and Transportation Planning Divisions are taking us on a cruise! Port staff will join us to provide narration and to answer questions about Port projects. We will see Port operations, infrastructure projects, such as the Gerald Desmond Bridge Replacement and the electrified and automated Middle Harbor terminal, and will discuss the variety of

groundbreaking green programs the Port has implemented to reduce environmental impacts from port-related operations.

There are limited spots available for this event. RSVP by emailing Adyl Abdykolikov at abdykali@usc.edu.

More Info

**UC Davis ITS Webinar:
Automated Analysis of Wildlife-Vehicle Conflict Hotspots Using Carcass and Collision Data
Wednesday, February 13, 2019 10:00 am - 11:30 am Pacific**

Wildlife-vehicle conflict (WVC) refers to any interaction between wildlife and vehicles/traffic that can have negative impacts for drivers and/or wildlife. This includes animals fleeing from traffic noise/light, to drivers swerving around animals on the road surface, to vehicle collisions with animals. When drivers swerve because of animals on the road and crash, or when vehicles collide with larger animals, this can result in damage to the vehicle, and injury and sometimes death for drivers and passengers. Although there are always some aspects of WVC that are difficult to predict (e.g., when an animal might decide to cross a road), there is also some predictability to WVC that can be highlighted by studying past WVC events. Most states and countries use past WVC occurrences as a source of information for planning mitigation to improve driver safety and to protect animals.

The webinar will cover:

- 1) critical elements of data collection needed to inform hotspots analysis;
- 2) overview of an automated online tool that provides any US-state user a way to map densities and statistically-significant clusters of WVC; and
- 3) next steps in automating data collection, management, reporting, and use in decision-making.

Distinguished Speakers:

Fraser Shilling, Co-Director, UC Davis Road Ecology Center
Nova Simpson, Biological Supervisor, Nevada DOT
Richard Bostwick, Biologist, Maine DOT

For questions, contact Natalie Ruiz at natruiz@ucdavis.edu.

More Info

**TRB Webinar: Contracting Commuter Rail Services
Tuesday, February 12, 2019 11:00 am - 12:30 pm Pacific**

TRB will conduct a webinar on Tuesday, February 12, 2019 from 2:00 PM to 3:30 PM ET that features research from the Transit Cooperative Research Program (TCRP)'s Research Report 200: Contracting Commuter Rail Services, Volume 2: Commuter Rail System Profiles.

This webinar will provide an introduction to the guidebook in Volume 1 and an overview of the commuter rail systems in North America profiled in Volume 2. The presenters will discuss the various approaches that exist for providing commuter rail. They will also identify factors that influence these different approaches. and This webinar will discuss a decision tree analysis to assess different approaches for providing commuter rail or to evaluate changes to existing commuter rail services.

Distinguished Presenters:

Linda Cherrington, Texas A&M Transportation Institute
James Stoetzel, Finger Lakes Rail Consulting Group
Bruce Horowitz, ESH Consult

Log into MyTRB.org to view registration information.

More Info

**Center for Advancing Research on Transportation Emissions, Energy and Health:
Transportation, Air Quality, and Health Symposium
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 Cearley at m-cearley@tti.tamu.edu.

More Info

**METRANS PSR Field Trip:
Gerald Desmond Bridge Tour
Thursday, February 21, 2019 10:30 am Pacific
Long Beach, CA**

Join us for a guided bus and excursion trip to the Gerald Desmond Bridge Replacement Project. This project is a joint effort of Caltrans, Metro, Port of Long Beach, and US Department of Transportation. Students will have the opportunity to learn from professionals working on the project, as well as gain a better understanding of the history and benefits of one of the country's most vital trade infrastructure projects.

Lunch is included at this event! There are limited spots, so RSVP now!

To RSVP, email Adyl Abdykolikov at abdykali@usc.edu.

[More Info](#)

Transportation Research Forum Inaugural Graduate Student Research Webinar
Thursday, February 28, 2019 10:00 am - 11:30 am Pacific

The chapters of the Transportation Research Forum will be hosting a Graduate Student Research Webinar from 12 - 1:30 p.m. Central Time (10 a.m. Pacific) on February 28 featuring student research at universities around the United States. C. Scott Smith, Ph.D., will be moderating this event, in which expert discussants will provide feedback. All participants need to be active TRF members and provide their materials two weeks prior to the event.

If you are interested in presenting, being a member of the audience, or serving as a discussant, please email trf-chicago@depaul.edu.

[More Info](#)

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

**12th Annual UCLA ITS Downtown Forum:
 From Public Transit to Public Mobility**
March 1, 2019 9 am - 5 pm Pacific
Japanese American National Museum - Aratani Central Hall
100 N. Central Ave., Los Angeles, CA 90012

The 12th UCLA Institute of Transportation Studies Downtown Forum grapples with the public sector's response to the dual trends of emerging new mobility services and declining public transit ridership.

What does the increasing role of private mobility options in cities mean for transportation agencies, public transit providers, cities, and the traveling public? Should innovation be encouraged, quashed, or managed? Many regions in California are making big investments in public transit to create a viable alternative to driving; are these burgeoning new services a threat or opportunity for these investments?

The 12th Annual Downtown Forum will explore implementation of the strategies discussed at the October 2018 Arrowhead Symposium, a 3-day in-depth examination of what's happening in urban mobility amidst an inundation of new options, to how public agencies are adapting to accommodate, manage, and incorporate, and compete with new options while continuing to serve the public interest.

[Click the link below to register.](#)

[More Info](#)

3 Revolutions Policy Conference: Shared - Autonomous - Electric
March 18-19, 2019 9:00 am - 5:30 pm Pacific
UC Davis Conference Center, 550 Alumni Ln. Davis, CA 95616

The 3 Revolution Policy Conference is the only major conference that addresses policy solutions for vehicle automation, shared mobility, and electrification. Last year's 3 Revolutions Policy Conference sold out, with more than 350 attendees.

This year, we're thinking bigger. Not just about crowd size (although we did reserve a slightly larger room!), but also about impact. We're convening everyone with a stake in transportation—representatives of local, state, and national governments, automakers, shared mobility companies, academics, and community advocates—to build a network committed to real policy outcomes.

We invite you to join us in building a path to the future. We need leaders from all sectors to collaborate in designing policies and practices in the best interest of society. Innovation in transportation is sweeping our cities and societies, and we must be prepared. Governments need ongoing and consistent support to hasten the adoption of electrification and shared mobility strategies and to direct automation toward the public interest. Together, we can help.

For questions, contact 3Rev@ucdavis.edu.

[More Info](#)

**METRANS, UCI, and PSR Field Trip:
 Anaheim Regional Transportation Inter-modal Center**
Saturday, March 23, 2019 11:30 am - 2:30 pm Pacific
Anaheim, CA

Join us for a behind-the-scenes guided tour of the Anaheim Regional Transportation Inter-modal Center! Better known as ARTIC, this station provides rail, bus, taxi, and other services for daily commuters in Southern California. With an iconic design and stunning lighting, ARTIC is also a popular location for filming and photography.

Students are invited on an optional roundtrip MetroLink trip from LA Union Station, with a 10:50 am departure. Complimentary train tickets are in limited supply. Lunch is provided thanks to our generous cosponsors, MetroLink and KOA.

Email Adyl Abdykolikov at abdykali@usc.edu to RSVP for this event.

[More Info](#)

Scholarships & Academic Opportunities

6th International Conference on Women's Issues in Transportation

Abstract Deadline: Wednesday, January 30, 2019

September 10-13, 2019

The Beckman Center, Irvine, CA

TRB is sponsoring the 6th International Conference on Women's Issues in Transportation (WIIIT 2019) on September 10-13, 2019 in Irvine, California. This conference explores women's perspectives, challenges, achievements, and opportunities with respect to travel and transportation.

This conference also provides an update on the progress and challenges in relation to women and mobility; explores how gender equality practices in transportation are increasing business and economics development; exchanges ideas on how public agencies can incorporate good gender equality policies and practices with approaches to oversee efforts and measure performance; and examines methods to address safety and security of women who are employed with or using transportation systems.

For more information, click the link before or register [here](#).

[More Info](#)

Intelligent Transportation Systems (ITS) California 2018 Scholarship

Application Deadline: Monday, February 18, 2019

ITS California is offering \$5000 student scholarships for consideration of upper division undergraduates or graduate students who wish to pursue a California-based graduate program in any ITS-related field (e.g., transportation planning, engineering or policy) for the 2019-2020 academic year.

Application criteria and information are provided in the flyer below.

For more information, visit the ITS website [here](#) or contact the ITS Scholarship Chair at its-caadmin@itscalifornia.org.

[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 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](#)

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](#)

New York University's Smart Cities Postdoctoral Fellowship

Application Deadline: Tuesday, February 15, 2019

New York University's CUSP, WIRELESS, CCS, VIDA and C2SMART invite applications for the inaugural cohort of NYU's Smart Cities Postdoctoral Fellows. We seek outstanding applicants with a strong record of interdisciplinary work in developing and applying concepts and methods from science, technology, computing, engineering and applied mathematics in the service of urban communities across the globe.

We envision hiring up to five fellows to start in Fall 2019. A doctoral degree in an applicable field is required.

NYU values equity, diversity, and inclusion and especially encourages candidates from historically underrepresented groups to apply. Qualifications must include: doctoral degree in a relevant field, and an active agenda of research and publication with a strong focus on smart cities, or with the potential for direct application to smart cities research; as well as a record of transitioning research into practice, ideally in collaboration with city stakeholders, is desirable.

More Info

2018-2019 Airport Cooperative Research Program (ACRP): University Design Competition for Addressing Airport Needs **Submission Deadline: Monday, April 29, 2019**

The Airport Cooperative Research Program (ACRP), a program of the Transportation Research Board (TRB) of the National Academies of Sciences, Engineering, and Medicine, is sponsoring a national competition for universities that engages students in addressing issues relating to airports and the National Airspace System. The Competition builds upon the former FAA Design Competition for Universities which has now become an ACRP program funded by the FAA. The Competition is managed for the ACRP by the **Virginia Space Grant Consortium** of Hampton, Va.

This Competition challenges individuals and teams of undergraduate and/or graduate students working with faculty advisors at U.S. colleges and universities to consider innovative approaches related to airport issues. Students can win cash prizes for their winning innovative design solutions. First place winners present their work at a national award ceremony. Full details are provided in the competition guidelines.

This Competition focuses on design solutions in the following broad areas: Airport Operation and Maintenance, Runway Safety/Runway Incursions/ Runway Excursions, Airport Environmental Interactions, and Airport Management and Planning. Some specific challenge areas are defined in the Technical Design Challenges section of the guidelines. Students are not limited to the suggested topical areas listed. They are free to propose design solutions based on other topics that fit the four broad challenge areas.

For questions, email ACRP@odu.edu or click [here](#) for more information.

More Info

USC Sol Price Center for Social Innovation: Southern California Symposium **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

2019 Transportation Research Forum: 60th Diamond Jubilee **May 2-3, 2019** **1001 16th St. NW Washington, D.C. 20036**

Join transportation practitioners, regulators and researchers from the DC region and across the nation as they gather in Washington, D.C. May 2-3, 2019. Attendees will learn the best in current transportation research, applied practices and innovations which are impacting public sector policy initiatives, enhancing existing markets, and creating new market opportunities to meet current demands and future expectations in the transportation arena.

Through a combination of plenary sessions, notable speakers, research presentations and policy discussions, transportation professionals from a cross-section of modes and sectors will come together to share ideas, explore current research and policy issues, and build networks. Field trips before and after the conference program will take you behind the scenes to several DC-based transportation systems and facilities.

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

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

A limited number of Student Scholarships for Ph.D. students, and Volunteer Positions for Graduate Students are available. Both positions waive the student registration fee.

**56th IMCL Conference on A Healthy City for All
June 17-21, 2019
Sentinel Hotel, Portland, OR**

We are delighted to welcome delegates to the 56th International Making Cities Livable Conference to Portland, and thrilled by the conference theme, "A Healthy City for ALL." This is an effort close to the heart of all Portlanders as we introduce strategies to make our neighborhoods healthier places to live, as we expand our programming to continue to produce housing units and to compassionately address homelessness.

This Conference will be a landmark event, with an unprecedented gathering of world-renowned experts in planning, urban design, public health, architecture, social sciences, civic government, and allied fields.

Interested students should send their resume, a short statement (250 words) why the conference is of interest to them, and to which program they are applying (Scholarship or Volunteer) before March 1 to suzanne.lennard@livablecities.org.

More Info

**TRB 6th International Conference on Women's Issues in Transportation
September 10-13, 2019
Irvine, CA**

Plan now to attend the 6th International Conference on Women's Issues in Transportation, being held September 10-13, 2019 in Irvine, CA. This conference will bring together professionals from across the industry to discuss all aspects related to women's issues in transportation.

Register by April 30, 2019 to take advantage of the reduced Early Bird rate.

For registration, hotel information, and call for abstracts, visit the conference website linked below.

More Info

**Massive Open Online Course (MOOC) on Sustainable Urban Freight
Open through 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

Internships & Jobs

This Week's Featured Opportunity

**Dockless E-Bike and E-Scooter Pilot Program Intern
City of Vancouver, Washington**



More Info

Job Title	Agency/Firm	Deadline
Engineering Technician I (Traffic)	City of Lodi	01/31/2019
	Lodi, CA	
Civil Engineering Assistant (# 1810GE-0119-080 (O))	County of Orange	02/04/2019
	Orange, CA	
Transportation Funding Analyst, Associate/Transportation Funding Analyst/Transportation Funding Analyst, Senior (# 2019-2113)	Orange County Transportation Authority	02/06/2019
	Orange, CA	
Risk Manager (# JC-143064)	Caltrans	02/08/2019
	Los Angeles, CA	
Assistant Programming Coordinator (# JC-143119)	Caltrans	02/08/2019
	Sacramento, CA	
Assistant Traffic Engineer	Berkeley Public Library	02/11/2019
	Berkeley, CA	

We found **90+ more fresh positions** for you!

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

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