

METRANS

Transportation Center

USC CSULB

METRANS on the Move: Our Weekly Newsletter for Students



A team of transportation-focused students ponder the answer to a question in ITE's annual Traffic Bowl.

Photo credit: Eric Shen

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.



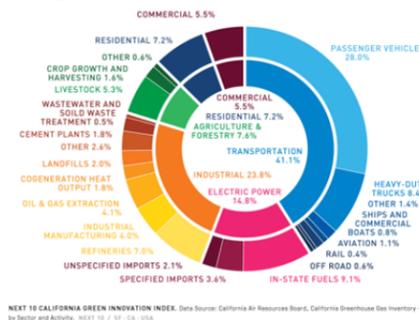
PSR Students Receive CPF Scholarships At APA California Conference

By Dongyang Lin, USC Master of Planning 2020

The California Planning Foundation (CPF) recently awarded the 2019-2020 CPF scholarships for outstanding planning students in the State of California. Fourteen PSR students received scholarships. Their scholarships were formally presented at this year's APA Conference in Santa Barbara.

[Read more here.](#)

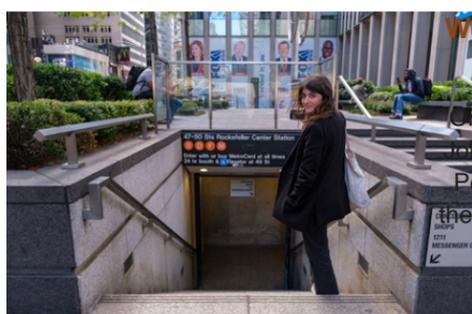
Figure 2. Greenhouse Gas Emissions by Source
CALIFORNIA, 2017



Californians Must Drive Less

A just-released report from Next10 and Beacon Economics is a "blunt warning" that California has to pick up the pace on emissions reductions. Transportation is not the only sector that is failing to reduce emissions, but it is a big one – it accounts for more than forty percent of the state's total greenhouse gas emissions. And trends go in the wrong direction.

[Read more here.](#)



We Pit The Uber Copter Vs. Public Transit In A Race To JFK — Here's Who Won

One is a bumpy, deafening and slightly nauseating way to get to John F. Kennedy Airport — the other is public transportation. The Post put Uber's new helicopter shuttle to JFK to the test, racing the car-sharing company and its chopper from Midtown to the hub against old-fashioned New York City Transit.

[Read more here.](#)

[Blast From The Past Series - StreetsBlog SF,](#)



2015: Chinatown Program To Turn Kids Into Safe Streets "Investigators"

Students will learn to act as 'city street investigators' in a program launched by the Chinatown YMCA and other partners. It will be held in conjunction with a more conventional program teaching students how to avoid getting run over by drivers.

Read more [here](#).



Tweet Time - NY 14th Street Busway

New York has dedicated half of 14th Street as a bus-only way, and the City is on Day 6 of this program! So far reception is generally positive. Click below for a video from Mayor Bill de Blasio's Twitter of the busway in action. The photo to the left is taken from a StreetsBlog NY article, which can be read by clicking on the photo.

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

**Penn in Los Angeles
Thursday, October 10, 2019 from 6 to 8 pm Pacific
Studio MLA
251 South Mission Road
Los Angeles, CA 90033**

The University of Pennsylvania Stuart Weitzman School of Design cordially invites you to a cocktail reception hosted by our Alumni Association and the Weitzman Office of Admissions, featuring a talk by Senior Lecturer in the Department of Landscape Architecture, Nicholas Pevzner. This event is a perfect opportunity for prospective students to find out about the various graduate programs at the Weitzman School and speak with faculty, alumni, and staff about the School, student life, and Philadelphia. Please click below to RSVP.

[More Info](#)

**Promises of Emerging Data for Transportation Applications Seminar
Friday, October 11, 2019 from 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



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.



From left to right:
Mentor Mengzhao Hu,
Mentee Chunfan (Patricia) Man

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.

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

Insights into Why and How Cities are Planning for Autonomous Vehicles Webinar Friday, October 18, 2019 from 11 am to 12 pm Pacific

Autonomous vehicles are being widely tested and piloted to carry passengers and freight. When these vehicles will be deployed more broadly and integrated into our current transportation system is debatable. However, a handful of cities across the nation are starting to incorporate autonomous vehicles into policy conversations and planning activities. These "early adopter" cities are providing insight into the evolving role local policy may have in shaping AV use and deployment in communities.

This free webinar will feature a presentation from UC Berkeley Professor Daniel Chatman featuring new research exploring the motivation of "early adopter" cities engaged in autonomous vehicle testing, regulation, and planning. Professor Chatman will share high-level findings and insights from over 20 in-depth interviews and an extensive review of policy and planning documents. He will also discuss the implications of this research on future autonomous vehicle policy making at varying levels of government.

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](#)

Fall 2019 Speaker Series: Identifying and Resolving Critical Collisions between Transportation and Ecosystems

Wednesday, October 30, 2019 at 12 pm Pacific

University of Southern California

RGL 100

Join METRANS and PSR for a luncheon with Fraser Shilling, Ph.D., Director of Road Ecology at UC Davis. Participants will gain professional insights on transportation systems’ effects on various ecosystems, and how to mitigate these negative effects. RSVP is required. Please click below to view the flyer.

[More Info](#)

Please email Professor Eric Shen at ericshen@usc.edu to RSVP.

Guest Speaker: California Secretary of Transportation, David S. Kim

Thursday, November 7, 2019 from 6 to 8 pm Pacific

University of Southern California

David S. Kim, 55, of Vienna, Virginia, has been vice president of governmental affairs at Hyundai Motor Company since 2017. He served as deputy administrator of the U.S. Department of Transportation’s Federal Highway Administration from 2016 to 2017, where he was associate administrator of policy and governmental affairs from 2011 to 2016. He also previously served as deputy assistant secretary for governmental affairs at the U.S. Department of Transportation. He earned a Master of Public Administration degree from the University of Southern California. Click below for more information on Mr. Kim and for further accomplishments.

[More Info](#)

A limited number of sponsored student tickets are available. Please email Zhanibek Baktygal at baktygal@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

**Transportation Engineering Intern
Michael Baker International
Apply Immediately**



[More Info](#)

Job Title	Agency/Firm	Deadline
Research Data Analyst II (# JC-174352)	Caltrans	11-Oct-19
	Sacramento County, CA	
Graduate Student - Research Assistant (# C30410)	Caltrans	11-Oct-19
	Sacramento, CA	
	City of Cambridge	

Transportation Project Planner (# M592-701)	Cambridge, MA	14-Oct-19
Project Surveyor (JC-175450)	Caltrans	15-Oct-19
	Yuba County, CA	
Transportation Analyst/Data Scientist (# 42829)	WSP	15-Oct-19
	Seattle, WA	
Associate Transportation Planner (# JC-174816)	Caltrans	17-Oct-19
	Alameda County, CA	
Graduate engineer (# 21691)	City of Houston	20-Oct-19
	Houston, TX	

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

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

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