

# 20

ANNIVERSARY

# METRANS

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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. I am Lin Zhu, Opportunities Editor for our Newsletter. Our newsletter is a team effort to foster knowledge and opportunities related to transportation. This week we feature Farinoush Sharifi sharing her wisdom from NaTMEC, WTS LA lunch event and many more job opportunities. If you have suggestions for content or opportunities – 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!

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## In the News

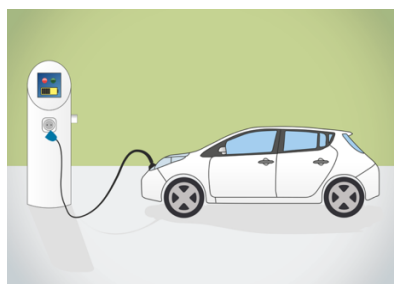
The articles in this newsletter are prepared or accomplished by others in their personal capacity. The opinions expressed are the author's own and do not necessarily reflect the views of METRANS or its partners.



Farinoush Sharifi, center, with Dr. Reza Farzaneh (left) and Dr. Joe Zietsman (right)

### My Experience as a NaTMEC Sponsored Student By Farinoush Sharifi, Texas A&M University

I learned of the National Travel Monitoring Exposition and Conference (NaTMEC) when CARTEEH Director Dr. Joe Zietsman and my supervisor Dr. Reza Farzaneh asked me if I was interested in applying for a sponsorship to attend this event, held from June 10-13, 2018 in Irvine, California. After viewing the conference website, I quickly realized what a great opportunity it would be. I submitted my master's thesis work, "Application of Big Data to Characterize Unexpected HOT Lane Choice Behavior" to the conference and was thrilled to learn that I had been accepted for both a poster and a lectern presentation, as well as a sponsorship by The Traffic Group. [Read more here.](#)



### PG&E Teams With California Transit Agency for EV Pilot Program

Pacific Gas and Electric Co. (PG&E) will conduct an electric vehicle (EV) pilot with San Joaquin Regional Transit District (RTD) in California to help prepare the agency for its long-term electric transportation needs. With San Joaquin RTD, PG&E will test how smart charging and battery storage can lower operating costs and maximize efficiencies for the agency.

[Read more here.](#)



### Pedestrian Collisions Are a Growing Concern in L.A.

From 2012 to 2016 more than 14,230 pedestrians were injured in collisions on Los Angeles City streets and 439 pedestrians lost their lives. Data from the Statewide Integrated Traffic Records System shows that the number of pedestrian fatalities in the City of Los Angeles has skyrocketed since 2015. As a result, Mayor Eric Garcetti signed an executive directive establishing Vision Zero LA, a program within the Los Angeles Department of Transportation with the goal of eliminating traffic deaths by 2025.

[Read more here.](#)

## Get Involved

Geo-spatial Online Transportation User Group  
Webinar Series

Get benefited from GOTUG's online support and development of transportation agency capabilities regarding comprehensive GIS based online collaboration platforms and receive invitations to quarterly webinar series, news and updates of interest to GIS practitioners from the URL below.

## Subscription Access

[More Info](#)

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**METRANS PSR has a limited number of sponsored spots for complimentary student attendance to this event. Please email Victoria Deguzman at [victoriv@usc.edu](mailto:victoriv@usc.edu) to secure your spot.**

**WTS Orange County and San Diego Lunch Program**  
**Wednesday, July 18, 2018, 11:30 am to 1:30 pm**  
**31891 Camino Capistrano, San Juan Capistrano, CA 92675**

Join the WTS Luncheon Event and hear distinguished speakers from Caltrans talk about innovation, advancement and information in transportation industry.

**Distinguished Speakers:**

Tim Gubbins, Acting District Director, Caltrans District 11  
Adnan Maiah, Acting District Director, Caltrans District 12

Registration closes by noon July 16

[More Info](#)

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**Transportation Research Board Webinar**  
**Preparing and Using Airport Design Day Flight Schedules**  
**Wednesday, July 18, 2018, 11:00 am to 12:30 pm**

TRB will conduct a webinar that features research from the Airport Cooperative Research Program (ACRP)'s Research Report 163: Guidebook for Preparing and Using Airport Design Day Flight Schedules. Airports use design day flight schedules (DDFS) for a number of different purposes, including planning for airport operations and facilities, airfield and landside modeling, and construction phasing. The presenters will discuss these uses and provide information on how airports can prepare their own DDFS..

**Webinar Presenters**

Patrick Kennon, HNTB Corporation  
Rick Busch, Jviation, Inc.

[More Info](#)

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**WTS-LA Bridging the Gap - A Workforce Initiative Program**  
**Friday, July 27, 2018 7:30 am to 1:30 pm**  
**Millennium Biltmore Hotel, 506 Grand Avenue, Los Angeles, CA 90071**

Participate in WTS -LA discussion about the transportation workforce gap and get prepared for how our work force needs are changing and if you are ready. At this half-day event, you will hear from the experts and learn how technology, the economy and policy decisions are changing the transportation workforce.

[More Info](#)

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**UN- Habitat Student Design Competition**  
**Submission deadline August 15, 2018**

UN-Habitat in collaboration with the Wuhan Land Use and Spatial Planning Research Centre (WLSP) is looking for creative and innovative urban design ideas from students for a vacant waterfront site in inner-city Wuhan, China. The competition is part of the UN-Habitat – WLSP programme "People Orientated Urban Public Spaces".

[More Info](#)

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**METRANS PSR has a limited number of sponsored spots for complimentary student attendance to this event. Please email Cherie Jiarui Li at [jjaruil@usc.edu](mailto:jjaruil@usc.edu) to secure your spot.**

**PSR METRANS Field Trip**  
**2018 Fleet Week**  
**Saturday, September 1, 2018**  
**Celebrating our U.S Armed Forces at Port of Los Angeles**

**Sponsored by**

**Pacific Southwest Region University Transportation Center (PSR UTC)**

LA Fleet Week is a free public event celebrating our U.S. armed forces at our nation's #1 port, the Port of Los Angeles. A new Labor Day tradition in Los Angeles, the event welcomes active military ships and personnel to the LA Waterfront, and features public ship tours, military equipment demonstrations, live

entertainment, educational activities and more.

[More Info](#)

## Scholarships & Academic Opportunities

**Mistra SAMS International Young Researcher Grants**  
**Sustainable Accessibility and Mobility Services**

The Mistra SAMS program seeks to engage young, international researchers as active partners in collaborative and comparative research projects within the program's core areas of scientific interest and invites Ph.D. students and young researchers in early stages of their career (max 5 years after Ph.D. completion) to apply for grants for short-term research visits at Swedish universities or other research environments within the program.

Successful candidates must have documented scientific competence (or on-going Ph.D. work) in an area of core relevance to a specific scientific team or work package within the Mistra SAMS program. Only Ph.D. candidates or researchers with a Ph.D. degree granted within the past five years will be considered.

**Invitation to apply for grants is continuously open.**

[More Info](#)

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**Student Paper Competition  
TRB Joint Midyear Meeting 2018  
For Undergraduate and Graduate Students  
Submissions Due July 6, 2018**

The organizers of the 2018 Managing Roadways and Transit Meeting and Conference invite students to submit papers for consideration in the Best Student Paper Competition. Student papers must address topics related to managed lanes, active traffic management, transit operations, and innovative freeway operations. Suggested subtopics include planning and policy highlights, implementation challenges and opportunities, and integration of systems. The award selection committee prefers papers that use empirical studies and data. However, the committee will also consider literature review articles and thought pieces.

The competition is open to all undergraduate and graduate students, including students who will graduate during the Spring 2018 semester. Selected awardees will present their paper as a poster at the meeting and conference in Bellevue, Washington, from September 25-27 at the Hilton Bellevue. Two student papers will receive a cash award of \$1,500.

**More Info**

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**Upjohn Institute Dissertation Award 2018  
For PhD Candidates  
Applications Due July 6, 2018**

The Upjohn Institute for Employment Research offers Dissertation Award to best PhD dissertation related to employment issues and social insurance programs. First prize is \$2,500 and two honorable mentions for \$1,000 may be given.

Evaluations based on the following criteria,  
Policy relevance  
Technical quality of the research  
Presentation.

**Applications and questions contact at [communications@upjohn.org](mailto:communications@upjohn.org)**

**More Info**

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**Women's Transportation Seminar WTS- LA 2018 Scholarships  
Applications Due July 11, 2018**

The Los Angeles chapter of Women's Transportation Seminar (WTS) announces 2018 College Scholarship program and is currently accepting applications. These scholarships are available to women studying a transportation/planning/engineering related field and who either attend school or reside in Los Angeles County. Scholarship amounts range from \$2,500 to \$10,000 with scholarships available for both graduate and undergraduate students.

Available Scholarships:  
Community college scholarships- \$3,000 Community College Scholarships  
Undergraduate Scholarships- \$10,000 & \$7,500 Ava Doner Memorial Scholarships  
Graduate Scholarships- \$10,000 & \$7,500 Myra L. Frank Memorial Graduate Scholarships  
GPA and eligibility criteria varies according to scholarships.

**For questions, contact Elisabeth Rosenson, Scholarship Chair at [wtslascholarships@gmail.com](mailto:wtslascholarships@gmail.com)**

**More Info**

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**2018 WTS-OC Transportation Academy  
Applications Due July 12, 2018**

The Women's Transportation Seminar of Orange County will sponsor the 9th Annual Transportation Academy this August. The Transportation Academy is a two-week immersion program, offering undergraduate and graduate students a first-hand look at different facets of the transportation industry; the Academy is open to men and women. Participants are exposed to management, finance, operations and planning, as well as engineering, construction management and public involvement principals. In addition to hearing from top executives within the transportation field, students will experience transportation first-hand through a series of onsite tours including live construction projects, tours of harbors and/or rail yards, tolling facilities, The selection committee will choose 25 students to represent the Transportation Academy class of 2018.

**For questions, contact Student Outreach Committee at [transportationacademywtsoc@gmail.com](mailto:transportationacademywtsoc@gmail.com) or at (714) 620-9481.**

**More Info**

**Application**

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**AAUW Educational Funding and Awards  
For Graduate and Doctoral Students  
Applications Open August 1, 2018**

The American Association of University Women offers various educational funding and grants to women pursuing Graduate and Doctoral Programs aiming to improve their quality of life and social barriers. AAUW calls for applications from women pursuing education in Graduate and Doctoral Programs to win grants and achieve more in their careers. Several of the grants are below.

**American Fellowships:** Applications are open August 1 through November 15, 2018. Funding amounts are \$6,000 to \$30,000. Women pursuing full-time study to complete dissertations, conducting postdoctoral research full time, or preparing research for publication for eight consecutive weeks.

**International Fellowships:** Applications are open August 1 through December 1, 2018. Funding amounts are \$18,000 to \$30,000. Women pursuing full-time graduate or postdoctoral study in the United States who are not U.S. citizens or permanent residents.

**More Info**

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**Annual ARTBA Student Video Contest  
Submissions Due September 3, 2018**

American Road and Transportation Builder's Association is accepting submissions for its 8th annual Student Transportation Construction Industry Video Contest. Interested students must submit a 2 to 4 minute video that examines transportation in one of two categories: General Transportation or Safety. Top winners will receive a cash prize of \$500 and the winning videos will be viewed at ARTBA's National Convention in New York City, New York.

**For questions or concerns, contact Melanie Laird at [mlaird@artba.org](mailto:mlaird@artba.org)**

**More Info**

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**Researchers  
California Policy Lab**

California Policy Lab is searching for three, full-time research positions, including a post-doc position in labor economics, one Ph.D. level staff position for

homelessness research, and one statistical data analyst. These positions will work on a range of projects with me and with faculty and staff at the California Policy Lab, a new initiative at UCLA and UC Berkeley that supports research partnerships between university academics and California state and local government, focused on the analysis of administrative data. They are described in more detail below.

- 1) A post doc working directly with me on projects in labor economics based on a range of confidential administrative data sets.
- 2) A full-time Ph.D. level Research Director with the California Policy Lab (CPL).
- 3) A third position is for a full-time data analyst.

For more information about the California Policy Lab and to learn more about our current projects, visit: [www.capolicylab.org](http://www.capolicylab.org)  
If interested, email Kelle Taylor at [kelletaylor@ucla.edu](mailto:kelletaylor@ucla.edu) with resume and cover letter.

## Internships & Jobs

### This Week's Featured Opportunity

Entry level Transportation Engineer

at

VHB – Bedford, NH



[More Info](#)

### Other Featured Positions

Job Title	Agency/Firm	Deadline
<a href="#">Senior Transportation Engineer (# JC-115674)</a>	Caltrans	7/5/2018
	Humboldt, CA	
<a href="#">Senior Transportation Planner (# JC-116204)</a>	Caltrans	7/10/2018
	Sacramento, CA	
<a href="#">Transportation Planner III (# TEX-5289-086365)</a>	City & County of San Francisco	7/16/2018
	San Francisco, CA	
<a href="#">Assistant Civil Engineer (# 349049)</a>	Department of Transportation NY	
	Queens, NY	
<a href="#">Assistant Civil Engineer (# 310376)</a>	Department of Environment Protection	
	New York, NY	
<a href="#">Entry Level Civil Engineer (# 189758BR)</a>	AECOM	
	Latham, NY	

We found **60+ more fresh positions** for you!

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