

20
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, student run weekly transportation Newsletter. I am Drew Quinn, Lead Editor of our newsletter. Our newsletter is a team effort to foster knowledge and opportunities related to transportation. 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 our Associate Director Vicki Valentine Deguzman at victoriv@price.usc.edu or any of our student staff (listed at the bottom of each issue). Enjoy this week's newsletter, and click the button below to subscribe!

Drew Quinn
USC MPL 2019
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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.



USC PhD Candidate Sue Dexter Shines at Eno Future Leaders Development Conference

By Priyanka Ramasamy, USC MSCE 2018

Each year, the Eno Center for Transportation (Eno) invites selected students to attend the "Eno Future Leaders Development Conference (LDC)" which "gives 20 of the nation's top graduate students in transportation a first-hand look at how national transportation policies are developed. USC Price doctoral student in Urban Planning and Development, Sue Dexter, was selected from applicants nationwide to be a summer 2018 fellow. Dexter has a background in operations research with work experience in logistics and distribution. Her research interests include transportation planning and infrastructure, land use policy, environmental policy, climate change mitigation, and international development.

Read more [here](#).



What Can a Gondola Do for Munich?

In Munich, the future of public transit might be up in the air. This month, the city is discussing a plan to create a new 4.5-

kilometer gondola link in the northern part of the city, linking two districts on the internal beltway that are currently poorly connected for everyone except drivers.

Supported by the mayor, the regional transit minister, and even the opposition parties in the city's assembly, it's a plan that has a strong likelihood of being built. Importantly, supporters don't see it as a tourist attraction.

Read more [here](#).



Even Self-Driving Cars Need Driver Education

Autonomous cars need to learn how to

drive just like people do: with real-world practice on public roads. It's key to safety and to public confidence in the new technologies. Teenage drivers and novice drivers of any age, actually begin with little knowledge of how to actually operate a car's controls, and how to handle various quirks of the rules of the road. The same is true for autonomous vehicles. They are first programmed with basic knowledge. 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

PSR Research Seminar Series Monday, July 23, 2018 2:00 pm to 3:00 pm USC University Park Campus- Room VPD LL 101

Participate in PSR Research Seminar on 'Where Next for Understanding and Predicting Human Decision- Making?' to know about how human behavior impacts data models and reliance on cross sectional data to treat individual decisions in potential benefits and pitfalls grounded in economic theory.

Distinguished Speaker:
Stephene Hess, University of Leeds

For registration, contact Abhinaw Priyadershi at priyader@usc.edu

More Info

Metrofreight Seminar Monday, July 23, 2018 12:00 pm to 1:30 pm USC Price Research Center- Unit A Conference Room 100B

Participate in Metrofreight Seminar on 'How On Demand Deliveries in Cities Change Services and Jobs: New Survey Results' and join the discussion on the trends and main changes on these on demand deliveries in cities survey results in Paris.

Distinguished Speaker:
Dr. Laetitia Dablanc, Director of Research, French Institute off Science and Technology for Transport

More Info

NYMTC's Brown Bag Discussion- Redefining Mobility: Connected Vehicles/Autonomous Vehicles Monday, July 23, 2018 12:00 pm NYMTC's Office, 25 Beaver Street, Suite 201, NY 10004

Join Contra Costa Transportation Authority Executive Director, Randell Iwasaki, in a discussion about data driven mobility, sensible smart cities, and intermodal innovations and the discussion on Contra Costa Transportation Authority's role in managing the GoMentum Station, the country's largest secure autonomous vehicle testing facility.

Distinguished Speaker:
Randell Iwasaki, Executive Director, Contra Costa Transportation Authority

For questions and registration, email Daniel.Etkin@dot.ny.gov

More Info

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

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

Uncertainty Quantification Summer School USC, August 8-10 2018

Participate in the USC Uncertainty Quantification School driving current research in Polynomial Chaos methodology, Perron-Frobenius operators, Multifidelity models, and Machine Learning lectures.

Distinguished Speakers:
Mike Eldred (Sandia)
Roger Ghanem (USC)
Igor Mezic (UCSB)
Christian Soize (Paris-Est)
Andrew Stuart (Caltech)

More Info

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

UN-Habitat in collaboration with the Wuhan Land Use and Spatial Planning Research Centre (WLSF) 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 – WLSF programme “People Orientated Urban Public Spaces”.

More Info

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 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

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.

RailTEAM Infrastructure Symposium and Rail Dynamics Seminar
October 16 -18, 2018
University of Nevada Las Vegas

Join the two-day symposium and one- day seminar which will present an introduction to the engineering fundamentals of rail dynamics: wheel-rail contact dynamics and vehicle dynamics. The conference will feature experts discussing new technologies and methods in monitoring and maintaining railroad infrastructure.

Free and Open Registration

More Info

Scholarships & Academic Opportunities

Livable Smart Cities Challenge

Deutsche Telekom challenges innovators to be creative and invent digital services that make smart cities more livable for everyone. Possible services that could be addressed are as varied as Navigation services, Accessibility to municipal information and services, Services that enable people to live independently, etc. A prize purse of \$25,000 USD will be shared among the top innovators. Winners will travel to Germany to present their solutions at Deutsche Telekom's annual Innovation Day forum in September 2018.

More Info

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

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

**NARSC Graduate Student Paper Competition
For Graduate and Doctoral Students and Recent Graduates
Applications Open August 1, 2018**

The North American Regional Science Council (NARSC) Graduate Student Paper Award contest presents two categories given below.

**Graduate-Student-Author Paper Competition
Graduate-Student-Led Paper Competition**

Acceptance of the paper requires the following:

1. Individuals should submit a digital copy of their paper formatted using the Papers in Regional Science guidelines
2. A cover letter from their academic advisor confirming the author(s) meet the eligibility for the competition selected.

[More Info](#)

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

American Road and Transportation Builders 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

[More Info](#)

**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

If interested, email Kelle Taylor at kelle.taylor@ucla.edu with resume and cover letter.

**ACSP Pre-Doctoral Workshop 2018
October 27- 28, 2018, University at Buffalo, NY
Application Deadline August 24, 2018**

The Association of Collegiate Schools of Planning invites students of color with an interest in pursuing Doctoral studies in Planning to attend the annual ACSP Pre-Doctoral Workshop. The Workshop will be limited to approximately 25 students to ensure adequate mentorship and promote individual and targeted attention to students. Students who are currently enrolled in bachelors and master's programs of planning and related disciplines can apply.

[More Info](#)

**Young Researchers' Conference 2019
Saturday, May 26 2019
IIT Bombay, India**

Participate in the one-day conference at IIT Bombay to discuss and interchange news ideas and development in transportation sector. Papers will be peer-reviewed and the best papers will qualify for the nominations to the Young Prize and for special issues of academic journals from the WCTR conference themed 'The Future of Transportation'.

[More Info](#)

Internships & Jobs

This Week's Featured Opportunity

**Entry Level Transportation Planner I at
AECOM, CT**

AECOM

[More Info](#)

Other Featured Positions

Job Title	Agency/Firm	Deadline
Manager, Transportation Sustainability (# 006430-001)	Los Angeles County Metropolitan Transportation Authority	07/27/2018
	Los Angeles, CA	
Transportation Program Manager II	City of Concord	07/27/2018
	Concord, CA	
Associate Transportation Planner (# JC-119690)	Caltrans	08/03/2018
	Sacramento, CA	
Civil Engineer (# 18-00162)	City of Sunnyvale	08/27/2018
	Sunnyvale, CA	
Transportation Engineer (Civil) (# JC-119629)	Caltrans	
	San Luis Obispo, CA	
Transportation Project Engineer - Roadway Design (PE) (# 181376)	Michael Baker International	
	Walnut Creek, CA	

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

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

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