

METRANS

Transportation Center

USC | CSULB

METRANS on the Move: Our Weekly Newsletter for Students



We hope you enjoy this issue of *METRANS on the Move*, transportation news by and for students. If you are not a regular subscriber but would like to be, please contact Kaitlyn Zhang (kenanzha@usc.edu) so she can add you to the distribution list!

Victoria Deguzman
Associate Director, Administration
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In the News



Axel Hellman
METRANS 2016 Student of the Year
USC Price Master of Planning, 2017

Axel Hellman (MPL, Price) was selected to be the 2016 METRANS Student of the Year. The Student of the Year distinction honors outstanding students from each University Transportation Center around the country.

Read more [here](#).



ACSP

Connecting educators,
researchers and students.

**METRANS Students
Showcase their ACSP
Transportation Research
Presentations**

On Friday, October 21st, 2016 METRANS held its fifth transportation research seminar featuring the research of three Ph.D. students in urban planning. Read more [here](#).



**METRANS Considers
Measure M: Yes or No on
Sales Tax Measure for LA
Transit?**

On November 8th, Los Angeles voters will go to the polls to decide on a variety of issues and elected offices. Read more [here](#).



L.A. Metro Releases Annual Report to the Community Highlighting Yearly

Accomplishments

The report notes that over the last year, Metro carried 453 million boardings and opened two new rail line extensions: the Gold Line to Azusa and the Expo Line to Santa Monica. Read more [here](#).



There's an easier way to get from there to here. Let's connect the dots and extend the Metro Crenshaw/LAX light-rail transit line to West Hollywood and connect to the Metro Red Line station in Hollywood. Click image for the full video.

Featured Events & Opportunities

Policy Issues in Shared Mobility: Equity and Social Inclusion
Monday, November 7th, 11:00 AM to 12:20 PM
UCLA Lewis Center for Regional Policy Studies

Shared mobility is a new benefit available to consumers who have access to credit and access to smartphones. These criteria leave out the poorest and least documented segments of the population. Is this fair? In one sense TNCs and other services may be considered a Pareto Improvement: they help many people and may make no one worse off. However, society often has a higher bar for equity than simply not making others worse off (making some people better while leaving others

unchanged can exacerbate inequality), and it is not entirely clear that TNCS will not make people worse off. If TNCs undermine taxis or transit, which often serve important social service roles, they might actively harm vulnerable groups. On the other hand, TNCs might be able to better serve some areas or groups, and at lower cost.

RSVP

USC Viterbi
School of Engineering

Daniel J. Epstein Institute

**Autonomous Vehicles and Connected Systems:
Shared Fleet Mobility Models & Flow Implications
Tuesday, November 8th, 3:30 PM to 4:50 PM
Ronald Tutor Hall, Room 211, USC**



Dr. Hanan Mahmassani
William A. Patterson Distinguished Chair in Transportation
Northwestern University

**WTS-OC Program
Orange County Public Works' Seven Year Capital Improvement Plan
Wednesday, November 9th, 11:30 AM – 1:30 PM**

Please join WTS-OC as Khalid Bazmi and Nardy Khan discuss Orange County Public Works' first ever nearly \$600 million Seven Year Capital Improvement Plan (CIP). The CIP is a compilation of all projects currently under design and construction, and will serve as a great communication tool to the public and

consultant communities regarding upcoming projects. Read more [here](#).

Venue:

**The Promenade & Gardens
1570 Scenic Ave., Costa Mesa, CA 92626**

Sponsorships for the event is available for this event. Please contact Sara Costin

Mockus at sara@costinoutreachgroup.com

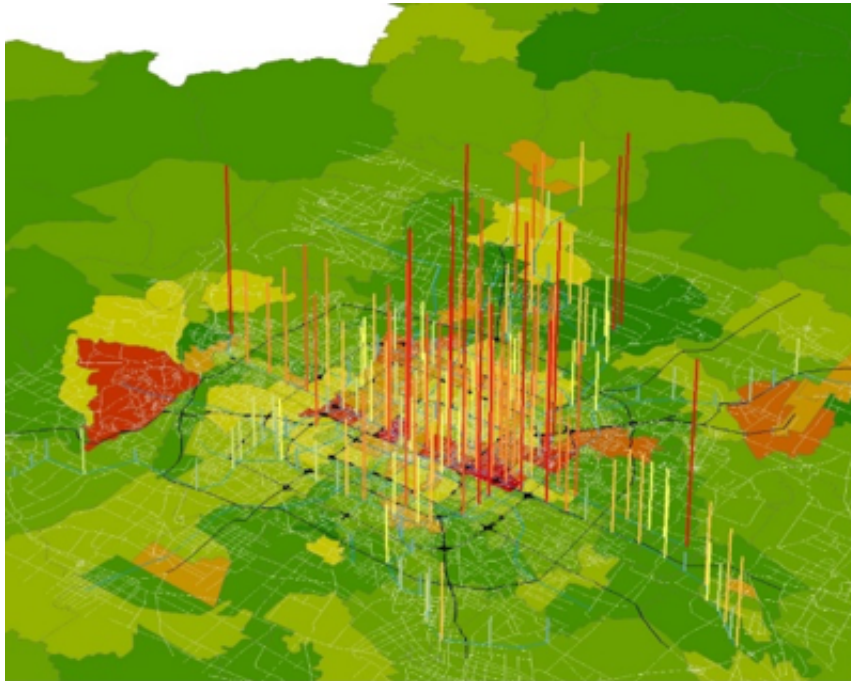
To RSVP, click [here](#).

2016 FALL METRANS RESEARCH SEMINAR

Two Case Studies on Land Use Impacts of Rail Transit in China

Thursday, November 10th, 12:00 PM to 13:30 PM

USC Main Campus, RGL 100



Presented by Haishan Xia and Chun Zhang

School of Architecture and Design, Beijing Jiaotong University

Can Light Rail Benefit Job-Housing Relationships and Land Use-Transportation
Integration in New Town? | Case Study of Yizhuang, Beijing

High-Speed Rail Causing Changes in Urban Form | Case Study of the Beijing-
Tianjin-Hebei Region



Internship Programs and Career in Transportation Webinar

Kittelison & Associates, Inc. is excited to be hosting two webinars for all students interested in learning more about the field of transportation engineering and planning. Undergraduate and graduate students are invited to come hear about careers in transportation – a field that employs people from a variety of engineering and non-engineering backgrounds – and learn about what to look for in both internship and full-time employment opportunities. **Mark Vandehey, CEO and Senior Principal Engineer**, will be giving his thoughts on *Exploring a Career in Transportation*, followed by an overview of the *KAI Internship Program* with Jennifer Musselman and Michael Eagle.

We have eighteen offices located around the country. We regularly hire students for summer internships as well as full-time entry-level engineering and planning positions. Our firm specializes in transportation engineering and planning, and is interested in talking to students from all disciplines. Last year, we provided twelve internships to students who ranged in academic standing from undergraduate to graduate students.

The webinar is being offered on two dates this year:

OPTION #1

Date: Wednesday, November 2, 2016

Time: 6:00 PM (ET) / 3:00 PM (PT)

OPTION #2

Date: Thursday, November 10, 2016

Time: 9:00 PM (ET) / 6:00 PM (PT)

Registration is required at <http://events.kittelison.com/UniversityOutreach2016>.

Students who RSVP will be sent a link to the webinar.

For more information, please see the attached flyer or visit our website

at www.kittelton.com. If you have any questions regarding this event, please contact Jennifer Musselman at jmusselman@kittelton.com.

**SCAG Seeks GIS Intern
Applications Due November 11th**

SCAG's scenario planning model team is seeking for two interns. Candidates are expected to know how to use GIS program (Basic skill would be enough). Pay range will be \$15-\$18 per hour.

Interested students please send resume to Regional Planner at SCAG, John Cho at choj@scag.ca.gov.

**CTF Scholarship Opportunities
Caroline Alain-Rodman Memorial Scholarship
Applications Due Nov. 18th, 2016**

The desired goal is for the applicant to pursue her/his educational studies and acquire an understanding of how public policy and government affairs can affect and shape Federal, State, County or City transportation issues and decision-making processes to improve, enhance or create more effective transportation programs, infrastructures and design. Please find the application form [here](#).

**Bimla Rhinehart Memorial Scholarship
Applications Due May 1st, 2017**

Eligibility Criteria: University Students Who will Be entering their senior year in the 2017 Summer or Fall terms and are enrolled in business, planning, engineering, or related major at a university in California intending to pursue a career in transportation. Applicant must be a U.S. Citizen or a Registered International Student. Please find the application form [here](#).



WORLD
RESOURCES
INSTITUTE

WRI ROSS CENTER FOR
SUSTAINABLE
CITIES

**Calling Young Researchers:
Apply for the 2017 Lee Schipper Memorial Scholarship
Applications Due November 23rd**

The Schipper family and EMBARQ, the sustainable urban mobility initiative [WRI Ross Center for Sustainable Cities](#), are pleased to announce that applications are now open for the 2017 [Lee Schipper Memorial Scholarship for Sustainable Transport and Energy Efficiency](#). The Scholarship will award up to two extraordinary candidates a maximum of US\$ 10,000 each to advance transformative research in efficient and sustainable transport.

For more information, visit leeschipper.embarq.org. If you have any questions or concerns, please contact cities@wri.org.

Upcoming Events & Opportunities

**AASHIO Seeks Associate Program Manager for Environment
Applications Due November 9th**

The American Association of State Highway and Transportation Officials (www.transportation.org) is currently hiring an Associate Program Manager for Environment, a position located in Washington, DC.

Under the leadership of Director, Center for Environmental Excellence (Center), the Associate Program Manager for Environment manages the AASHTO Resilient and Sustainable Transportation Systems (RSTS) Technical Assistance Program and may serve as the staff liaison to one or more Subcommittees of the Standing Committee on Environment (SCOE). Additionally, the Associate Program Manager manages various tasks under the Center and RSTS. Duties are performed with guidance from the Center Director, the Program Director for Environment and input from oversight groups consisting of state transportation agency representatives and other transportation stakeholders.

For more information and to submit an application, click [here](#).



Transforming Urban Transport – The Role of Political Leadership
Tuesday, November 15th, 9:00 AM to 10:00 AM Pacific Time

Presenters:

- Diane Davis, *Project Director at Transforming Urban Transport & Chair, Urban Planning and Design, Harvard Graduate School of Design*
- Lily Song, *Senior Research Associate, Transforming Urban Transport & Lecturer, Harvard Graduate School of Design*

In this panel, Professor Diane Davis and Senior Researcher Lily Song will share findings from TUT-POL case studies of New York's urban streets initiatives, Stockholm's adoption of congestion pricing, and Seoul's combined highway demolition, bus system overhaul, and urban regeneration while discussing political conditions and processes explaining implementation successes. In particular, the presentation will highlight the use of data and evidence (e.g. GPS data, polling data, voter trends), public engagement and communication (e.g. public outreach campaigns, voter referendum, working committees/public task forces), and organizational and policy management in promoting implementation of urban transport policies intended to challenge car-centrism and change mode-share while also fostering mobility and environmental aims.

For more information and to register for the webinar, click [here](#).



T3e Webinar: Solar-powered Automated Transit Networks:
The Future of Sustainable Urban Transportation
Thursday, November 17, 2016, 1:00 PM - 2:00 PM ET

The webinar will present the concept of solar-powered automated transit networks

(ATNs). It will discuss why solar-powered ATNs makes sense as the preferable alternative mode of transit for dense, urban areas; what unique advantages they have; and how they can integrate into existing urban environments.

For more information and to register for the webinar, click [here](#).

APA Los Angeles Leadership Program

The APA Los Angeles Leadership Program is a new professional development program created to help promising, career-oriented planners prepare for leadership roles in their departments and organizations. Participants will meet together six times over six months with classes designed to help them improve their skills for positions of increasing responsibility while also growing their effectiveness in their current roles.

Program participants will gain knowledge and skills in leadership, organizational dynamics, communication, and career planning to help them identify and achieve their professional goals while equipping them with tools to make even stronger contributions to their organizations. Read more [here](#).

ICF Seeks Transportation Analyst

To support our dynamic growth and expanding client base, ICF is seeking an Analyst to support the Transportation portfolio of our Climate, Energy Efficiency, and Transportation line of business. The Analyst will be responsible for supporting ICF managers in analyzing critical issues regarding the implementation of transportation policies and planning practices, sustainable transportation initiatives, transportation operations, travel demand management programs, environmental management, infrastructure preservation, and transportation technologies. There will also be opportunities to work with the Transportation Research Board, Federal Highway Administration, and state, regional, and local transportation agencies.

The Analyst should have a background or interest in transportation policy or planning, excellent and proactive written and oral communication skills, strong proficiency using Microsoft Office products, especially Microsoft Word and Excel, ability to learn new online software products, and strong interpersonal skills.

Demonstrated strength in conducting qualitative analyses and understanding of transportation planning and project development is desirable. The candidate will be expected to work as a part of teams to execute tasks that support the delivery of accurate, timely, and high-quality products and services.

For more information and to submit an application, click [here](#).

Nelson\Nygaard Consulting Associates Seeks Transportation Engineer/Associate

Nelson\Nygaard Consulting Associates is seeking a highly organized, independent, and motivated member of our staff to support our San Francisco office and Nelson\Nygaard's nationally recognized multimodal transportation planning practice. This practice emphasizes creative and innovative transportation planning and community involvement, often within a wider set of goals such as economic development, health, and reduced dependence on the private automobile. We are seeking an individual with at 1-3 years of experience and a strong interest in transportation engineering, multimodal planning and design. A background in developing sustainable strategies to improve community accessibility and mobility is preferred.

For more information and to submit an application, click [here](#).

Airport Cooperative Research Program University Design Competition for Addressing Airport Needs *2016 - 2017 Academic Year*

The Airport Cooperative Research Program (ACRP) is sponsoring a national competition for universities that engages students in addressing issues relating to airports and the National Airspace System. This Competition challenges individuals and teams of undergraduate and/or graduate students working with faculty advisors to consider innovative approaches related to these challenges. Submitters should design innovative solutions that focus on addressing airport issues and constraints

that would enhance the management, safety, capacity, and efficiency of the nation's airports.

Competition goals:

1. Raise awareness of the benefits of the ACRP and the importance of airports and the FAA to the National Airspace System infrastructure.
2. Increase the involvement of the academic community in ACRP and addressing airport operations and infrastructure issues and needs.
3. Engage students at U.S. colleges and universities in the conceptualization of applications, systems, and equipment capable of addressing related challenges in a robust, reliable, and comprehensive manner.
4. Encourage undergraduate and graduate students at U.S. colleges and universities to contribute innovative ideas and solutions to issues facing airports and the National Airspace System.
5. Provide a framework and incentives for quality educational experiences for university students.
6. Develop an awareness of and an interest in airports as vital and interesting areas for engineering and technology careers.

The Competition website is the participant's source for complete and up-to-date information: vsgc.odu.edu/ACRPDesignCompetition

For more information about the competition, click [here](#).

Los Angeles Metro Entry Level Trainee Program (ELTP)

The ELTP program is designed to be an “entry-level career ladder program” for recent college graduates to gain work experience and the job skills needed to seek a full-time position within Metro or another company.

Establishes a pipeline for recent college graduates to gain entry-level or journey-level work experience as a Transportation Associate I. Recent college graduates will expose to work assignments, projects and technical skills related to their college degree.

This program intends to identify a “pool of proven performers” who are eligible to “fill new roles” that fit job skills developed over time within Metro or at another company.

Also, the ELTP offers recent college graduates an opportunity to become the next generation of Metro's workforce.

For more information and to apply for the program, click [here](#).

**ASPA's SEIGOV (Section on Ethics and Integrity in Governance) INVITES
SUBMISSIONS FOR ITS ANNUAL STUDENT PAPER COMPETITION**

Submissions Due December 15th

Students in public affairs and public policy graduate programs are invited to submit their research papers authored in 2015 or 2016 on any public and administrative ethics topic, including corruption, integrity, social equity, corporate responsibility, and politics. Faculty members may also nominate student paper(s) for submission. Conference papers, term papers, and journal manuscripts are eligible for submission (literature reviews, case studies, and review essays are ineligible for entry). Please note that only one submission per student is allowed, and the paper should be written entirely by the student and not co-authored. The paper should not exceed 20 pages in length, including citations and references, and should follow APA format.

Each paper will be peer-reviewed and judged for its quality, methodology, importance, and policy implications along with clarity in writing.

The winning submission will be awarded a prize of \$250 and the author will receive a certificate of recognition from SEIGOV at the 2017 ASPA Conference, and will be announced in media publications. The section will provide financial support for the winner to attend ASPA's national conference in Atlanta, GA, March 17 -21, 2017.

Papers (and questions regarding the competition) should be submitted to **Prof. Danny L. Balfour** at balfourd@gvsu.edu as an e-mail attachment. Please use MSWord (.doc) or Rich Text Format (.rtf).

**United States Department of Transportation
2017 Summer Transportation
Internship Program for Diverse Groups (STIPDG)
Applications Due January 20, 2017**

The Summer Transportation Internship Program for Diverse Groups (STIPDG) provides a unique opportunity to gain valuable professional experience and skills

that will complement your academic pursuits. This hands-on program is designed to mentor and cultivate tomorrow's leaders, strengthen their understanding of the transportation industry and prepare them for future public service opportunities.

The STIPDG is a paid internship program open to all qualified candidates without regard to their race, gender, color, religion, sexual orientation, national origin, age, physical or mental disability, veteran status, or any other characteristic prohibited by state or local law.

Internship Period: June 5th - August 11th, 2017

For more information and to submit an application, click [here](#).

**Young Researchers Seminar 2017 - Call for Abstracts/Papers
May 16th - 18th 2017 in Berlin, Germany**

Young Researchers Seminar is an event organized every two years in a different European country. The common vision for the Young Researchers Seminar is the preparation of a new generation of transport scientists and science-based professionals in the area of transport.

Young researchers are cordially invited to submit their abstracts. **The deadline for submitting abstracts to the YRS2017 is extended to September 30th.** They should preferably be postdoc (less than 5 years after PhD) and involved in one of the below-listed research domains:

- Transport economics, policy, and transport behavior
- Transport sustainability and environment
- Transport safety
- Intelligent transport systems (ITS) & traffic management
- Transport civil and road engineering

For more information and to submit abstracts/papers, click [here](#).

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