

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!

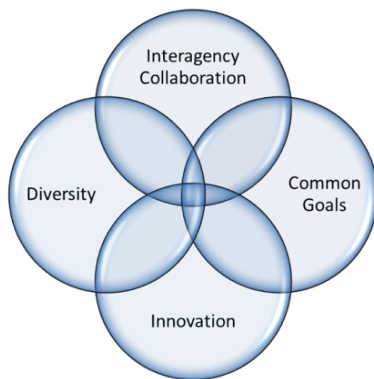
Victoria Deguzman
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In the News



USC Planning Students Volunteer for CicLAvia

Thousands of cyclists, skaters and pedestrians gathered in downtown Los Angeles on October 16th , 2016 for the 19th CicLAvia, a recurring street festival that celebrates non-vehicular forms of transit. Read more [here](#).



METRANS Students Attend WTS-LA SoCal Regional Panel Discussion

WTS-LA once again successfully organized a transportation event that attracted industry leaders, transportation professionals, and students. Read more [here](#).



Monica Born Shares Her Career Journey at METRANS October Lunch with a Practitioner

Monica Born, Vice President and Senior Engineering Manager of WSP | Parsons Brinkerhoff, visited USC and shared her journey with transportation students. Read more [here](#).



Uber Hopes Flying Cars Are the Future of Transportation

On Thursday, the ride-hailing company published a nearly 100-page white paper, outlining a flying transportation vehicle referred to as a VTOL aircraft, short for “vertical take-off and landing” vehicle. Read more [here](#).

WEEKLY ADDRESS: Taking Action to Spur Competition in the Airline Industry and Give Consumers the Information They Need



In this week’s address, President Obama highlighted the actions his administration is taking to spur competition in the airline industry, protect consumers and arm them with the information they need to make informed decisions, following the President’s call to action in April. Read more [here](#).

Featured Events & Opportunities

Policy Issues in Shared Mobility: Safety and Insurance
by UCLA Lewis Center for Regional Policy Studies
Wednesday, November 2nd, 11:00 AM to 12:20 PM

Uber & Lyft have transformed the transportation industry. The questions and concerns over safety and accessibility forced regulators to act quickly. Almost 4 years later the market is still adjusting and government continues to play a critical role. The concerns and questions continue to be around safety of passengers and the public at large.



Marzia Zafar is Director of the Policy & Planning Division at California Public Utilities Commission. Her division studies how regulation impacts emerging issues, and also how regulation is impacted by emerging issues. She represents the Commission's policies and positions at various venues such as national policy forums, state legislature, and industry forums. She is also the spokesperson for the CPUC with all foreign delegations to advance the CPUC's sustainability policies with countries such as France, China, India, Mexico and Japan.

RSVP



Caltrans Seeks Transportation Planner
Applications Due November 2nd

The Transportation Planner, being an entry level position, is expected to exercise

initiative, be proactive, and take responsibility to fully understand assigned responsibility areas.

Under general direction of the Freight Analysis Branch Chief (a Senior Transportation Planner), the incumbent assists in the development and implementation of the State Agency Actions within the California Sustainable Freight Action Plan, gathers information on freight analysis including freight forecasting and modeling, economic analysis and National Highway Freight Program performance monitoring. The incumbent serves as a liaison to assigned Caltrans District(s) and partner agencies within those Districts, an assigned freight mode, and/or focused topic area(s) such as air quality, freight data analysis, and transportation fuels. Additional duties may include the preparation of written reports and analyses for use by management and external customers, development of presentations, giving presentations to internal and external audiences, representing the Department on multi-agency committees that may also include advocacy groups and the freight industry, reviewing and commenting on freight-related legislation, and participating in research projects. The incumbent may serve in a support and monitoring role to a contact manager for oversight of consultant contracts.

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

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

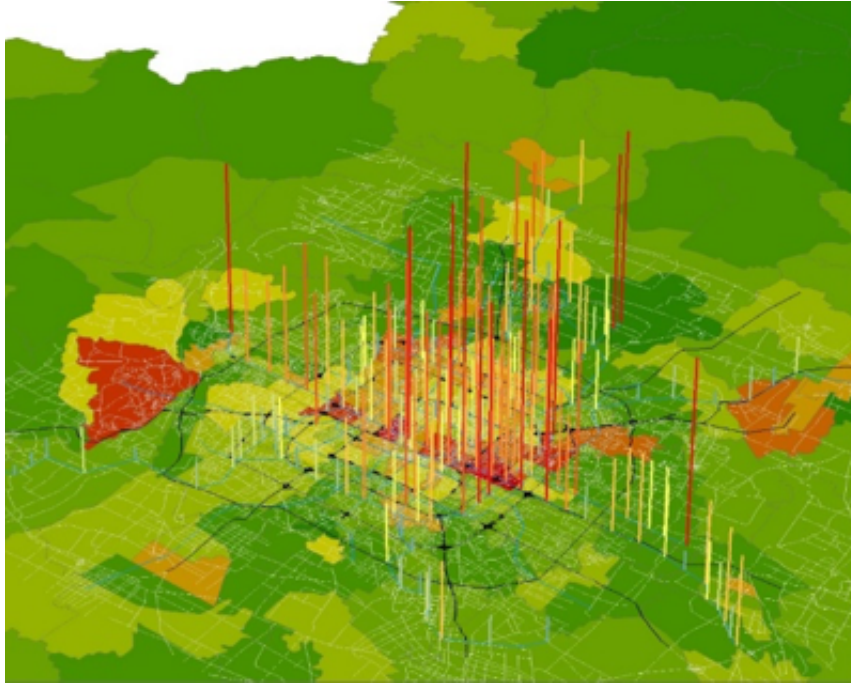
Sponsorships for the event is available for this event. Please contact Sara Costin

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

RSVP

Internship Programs and Career in Transportation Webinar

Kittelson & 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.kittelson.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.kittelson.com. If you have any questions regarding this event, please contact Jennifer Musselman at jmusselman@kittelson.com.

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](#).

Upcoming Events & Opportunities

T3e Webinar: Data and Connected Vehicle Support of Active Traffic Management Strategies

Monday, October 31, 2016 | 2:00 PM – 3:00 PM ET

This webinar will feature four student presentations from Florida International University, hosted by Dr. Mohammed Hadi. Xuanwu Chen, Homa Fartash, Samaneh Khazraeian, and Md Shahadat Iqbal are PhD candidates in the Department of Civil and Environmental Engineering and will be presenting on their current research in Intelligent Transportation Systems (ITS). Topics include signal timing operations based on automatic vehicle matching technologies, warrants for ramp metering operations, connected vehicle (CV) data usage for back-of-queue estimation, and CV market penetration in light of socioeconomic characteristics, all under a unifying theme of data and CV support of active traffic management strategies.

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](#).

ICTPA-SCC and ITE CPP Joint Seminar
Advanced Practices in Transportation Modeling and Big Data Application
Saturday, November 5th

You're invited to the 1st ICTPA-SCC and ITE CPP Joint Seminar for a conversation with four great speakers on advanced practices in travel forecasting, transportation planning, big data application, and cloud computing. For young professionals and college students, this is a great opportunity to develop your network with local professionals and leaders.

Speakers:

Mr. Robert Farley, Transportation Planning Manager, LA Metro

Mr. Luke Cheng, Regional Director, Citilabs

Mr. Xudong Jia, Professor and Chair, Dept. of Civil Engineering Cal Poly Pomona

Ms. Jinghua Xu, Project Manager, Fehr & Peers

Agenda:

11:40 am – 12:40 pm Registration, lunch, and networking

12:40 pm – 1:00 pm Opening Remarks & Announcements

1:00 pm – 4:00 pm Presentations and Panel Discussion

Venue:

**Bronco Student Center, Cal Poly Pomona, 3801 W Temple Ave, Pomona, CA
91768**

FREE with Online Registration: <https://ictpascccalpoly.eventbrite.com/>

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](#).

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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