

# METRANS

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## 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](mailto:kenanzha@usc.edu)) so she can add you to the distribution list!

Victoria Deguzman  
Associate Director, Administration  
[victoriv@usc.edu](mailto:victoriv@usc.edu)

## In the News



## **BMW Deals ACES at Future-Oriented Celebration in Santa Monica**

As transportation planners, engineers, and enthusiasts anticipate a world in which autonomous vehicles powered by alternative fuels become increasingly common, it is not surprising that BMW—a company celebrating its centennial—would spend little time reflecting on its storied past. Read more [here](#).

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## **METRANS Industry Outlook Series: E-Commerce, Supply Chains and Transportation**

Mr. Ben Conwell from Cushman & Wakefield speaks about the outlook of E-Commerce industry and the roles played by and impact on supply chain management and transportation. Read more [here](#).



## **METRANS Researchers Share Agricultural Supply Chain Consolidation and Cooperation Research**

Professor Maged Dessouky and Ph.D. candidate Wentao Zhang presented their work investigating in *Agricultural Supply Chain Consolidation and Cooperation*. Read more [here](#).

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## METRANS Mentor Program Accepting Applications for Fall 2016

We are pleased to announce that METRANS will continue our popular mentor program this fall and is now accepting applications! Read more [here.](#)

## L.A.'s New Bike-Share Program Isn't As Popular As Those In Other Cities

Ridership on Los Angeles County's new bicycle sharing system has been smaller in its first months than on similar programs in other major U.S. cities, a Times analysis found.

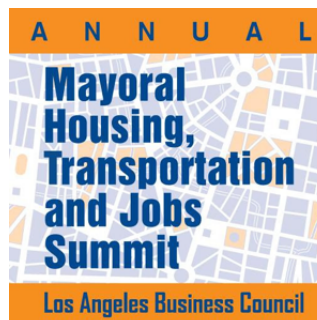
Read more [here.](#)



## Featured Events & Opportunities

**To receive complimentary registration, email Nicole (Haichao) Guo at [haichaog@usc.edu](mailto:haichaog@usc.edu) to join the conference as a volunteer.**

**2016 Mayoral Housing, Transportation and Jobs Summit  
Friday, October 28, 2016 | 7:00 AM to 2:00 PM PDT**



## **Public Private Models for Infill Housing Development**

We will be discussing models for housing development in LA presented by leading private developers. Other topics will include insight on new financing models, maximizing tax credits and other resources, streamlining and reducing barriers to development, addressing homelessness and low-income housing, and maximizing the benefits of density.

## **The Future of Transportation in Los Angeles**

Trends in transportation and technology; Measure M (Metro's Ballot Measure & Plan to Ease Traffic), Autonomous vehicles, transportation networking companies, electric vehicle technologies and investing in EV infrastructure to support LA's growing electric vehicle market; gaining jobs and environmental benefits by transforming our multi-modal transportation system. For more information, click [here](#).

The Summit has generously offered complimentary admission to students who volunteer at the conference and METRANS will assist with coordinating transportation.

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# **METRANS LUNCH WITH A PRACTITIONER**

**Lunch with Allen Yourman**

**An Engineer's Perspective on the Ports of Los Angeles and Long Beach**

**Wednesday, October 26th, 12:00 PM to 1:30 PM**

**Location: USC Main Campus EEB 248**



Allen Yourman is a licensed civil and geotechnical engineer with over 35 years of geotechnical experience. He attended UCLA receiving his BS Engineering and MS Engineering in the 1970s. In 1992, he co-founded Diaz Yourman & Associates, one of the leading geotechnical firms in Southern California. Mr. Yourman specializes in liquefaction mitigation through ground improvement, and has authored more than a dozen technical papers on geotechnical engineering at national and international conferences.

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](#).**

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**WTS-OC Program**  
**Orange County Public Works' Seven Year Capital Improvement Plan**  
**Wednesday, November 9<sup>th</sup>, 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](mailto:sara@costinoutreachgroup.com)

**To RSVP, click [here](#).**

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**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](http://www.kittelson.com). If you have any questions regarding this event, please contact Jennifer Musselman at [jmusselman@kittelson.com](mailto:jmusselman@kittelson.com).

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**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](#).**

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**City of Torrance Seeks Planning Associate  
Applications Due November 1st**



The City of Torrance is seeking two dedicated, detail-oriented Planning Associates to join the Community Development Department. Under supervision, Planning Associates perform complex professional planning and housing tasks, interpret and explain zoning and housing regulations, and complete related work as required. If you have planning experience and are searching for an environment where you can build your leadership skills, apply with the City of Torrance today!

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

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### **Chicago Transit Authority Seeks Performance Management Analyst**

Under general supervision, the Performance Management Analyst will work with operating departments to identify performance reporting requirements, implement quality improvement efforts, and manage documenting processes for data collection. Responsibilities also include managing multiple diverse and complex projects to track performance improvement and serves as liaison to achieve efficiencies and process improvements throughout the Authority.

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

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### **Position Openings at The Metropolitan Transportation Commission (MTC) in San Francisco**

**Senior Transportation Project Controls Coordinator** - The person in this position will be located in our San Francisco office. However, the project locations are spread across the Bay Area individual must be able to travel within the 9-county bay area. The ability to work collaboratively with a number of stakeholders is a must and a key to the successful delivery of our projects.

The ideal candidate will have:

- Extensive experience providing project controls support, with an emphasis in program and project scheduling, for the delivery of operational and capital

transportation projects through the entire project development process (planning, environmental, design and construction)

- The ability to diagnose and analyze complex operational and engineering issues, as well as frame options and articulate recommendations
- The ability to work collaboratively with partner agencies throughout the project delivery process.
- Expertise in civil, transportation engineering or related engineering disciplines.

Experience delivering projects through Caltrans' highway project delivery process, particularly for the Bay Area.

**Program Coordinator 511/Commuter Benefits** - The person in this position will work under the general direction of a Senior Program Manager in a matrix organization structure. The selected individual will support a variety of tasks for both the 511 Program and the Bay Area Commuter Benefits Program, which will include: project and contract management, program evaluation, budgeting, data collection and dissemination, operations, market research, outreach and marketing materials, and website content management. Working as part of a team, the person in this position will coordinate and collaborate closely with other staff.

New and different program, project, or function assignments may be assigned in an effort to keep up with the changing requirements and to provide professional development opportunities.

**For a more in-depth job descriptions and the qualifications to be considered for these positions please direct all interested individuals, or if you wish to apply go to <http://jobs.mtc.ca.gov/>**

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## **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](http://vsgc.odu.edu/ACRPDesignCompetition)

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

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**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/>

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### **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](#).**

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**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](mailto:balfourd@gvsu.edu) as an e-mail attachment. Please use MSWord (.doc) or Rich Text Format (.rtf).

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**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](#).**

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**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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