



METRANS on the Move:
Our Weekly Newsletter for Students



Dear readers,

As 2016 draws to a close, we reflect on an eventful year of coverage of transportation news and opportunities, and are pleased to announce a new design and expanded content for 2017.

This past year, we added international reporting to our transportation news, expanded our opportunities section to include complimentary and low cost professional conference participation for students, and tripled our employment listings.

Our student news team has been hard at work and has several changes planned for you for the new year, including a new look and feel and the addition of weekly themed columns containing editorials and materials specifically designed to help you to succeed in both your education and in your upcoming career. We will begin to launch these changes in the next issue. As always, we

welcome your feedback, and encourage you to reach out us with your suggestions for improvement, or just to let us know that you found something particularly interesting.

On behalf of our METTRANS student news team, I thank you for your continued support and wish you all a very happy and successful New Year!

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In the News



METRANS Research Suggests Opportunities for Improved Efficiency of Integrated Freight and Passenger Systems

Steady growth in the volume of container traffic at ports contributes to congestion and threatens accessibility at many terminals.

Read more [here](#).



New 2017 California Traffic-Related Laws to Go Into



Automakers Prepare for an

Effect on Jan 1st

With the new year less than a week away, the California Department of Motor Vehicles has issued a reminder to state motorists about a slew of new transportation-related laws that are set to go into effect.

Read more [here](#).

America That's Over the Whole Car Thing

For decades, automakers have been able to count on a fundamental fact of American life: You pretty much need a car to get around.

Read more [here](#).

Upcoming Events & Opportunities

Transportation Management & Design, Inc. Seeks GIS and Data Visualization Specialist

Transportation Management and Design Inc. (TMD) is seeking a highly motivated and independent GIS and Data Visualization specialist to advance its planning practice.

The successful candidate will be creative, collaborative, adaptable in the face of deadlines, and possess a positive, can-do attitude. This position will entail a workload of approximately 70 percent GIS-specific project work and approximately 30 percent data visualization.

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

Modus, Inc. Seeks Land Use Planner

Modus, Inc. is currently searching for a highly talented and driven professional to fill a Land Use Planning position in our San Francisco headquarters. This position offers an opportunity for those interested in Architecture, Urban Planning, Urban Design, Historic Preservation and Environmental Compliance to gain valuable work experience while participating on dynamic and fast-paced team-based projects.

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



Multiple Opportunities Available at Hyperloop One

Business Analyst Intern

Hyperloop One is seeking a Business Analyst Intern who is passionate about bringing the Hyperloop to market. We are looking for highly motivated candidates with entrepreneurial drive, intellectual curiosity, and analytical capabilities to support company initiatives and identify business risks and opportunities. The position requires strong organizational skills, ability to work collaboratively, and effective communication. The Business Analyst Intern will support transportation project evaluation tasks and business development activities, interface with employees across finance, business development, product / engineering, operations, and marketing teams on a range of topics to assess the commercial feasibility of the Hyperloop system. This role will perform a variety of business functions, including, but not limited to detailed market research, financial and business modeling, developing go-to-market strategies, and creating cleanly and succinctly synthesizing findings into presentation and marketing materials. **Read more [here](#).**

Non-Engineering Internship/Co-op Summer 2017

Hyperloop One is reinventing transportation to eliminate barriers of time and distance by using Hyperloop transport to move cargo and passengers immediately, safely, efficiently, and sustainably. We seek future colleagues who are passionate about changing the world and have a rare mix of drive, curiosity, resourcefulness, intelligence and can thrive in a fast paced environment. **Read more [here](#).**

Hyperloop One also has multiple job postings open for applicants covering both engineering and non-engineering positions.

Please check the [website](#) for more information.

**The Switzer Fellowship Program
Applications Due January 9, 2017**

The Switzer Fellowship Program offers one-year Fellowships to highly talented graduate students in New England and California whose studies and career goals are directed toward environmental improvement and who clearly demonstrate leadership in their field. The Fellowship provides a \$15,000 cash award for academic study, leadership training, access to a vibrant network of nearly 600 Switzer Fellowship alums, and opportunities for professional development during the Fellowship year and beyond.

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

**Federal Highway Administration Seeks Student Trainee (Community Planner)
Applications Due January 12, 2017**

The selected candidate participates in the FHWA's 24-month Professional Development Program. This program is designed to introduce the individual to the technical, administrative, and program management aspects of transportation planning and project development in the agency. During this developmental program, the employee will be expected to complete three major components including apprentice experience, developmental assignments, and a professional development academy. The apprentice experience will occur in one of [FHWA's Federal-Aid Division Offices](#) where the candidate receives on-the-job training through a structured set of learning experiences described in the participant's developmental plan.

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

**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](#).

**Los Angeles Department of City Planning and Fehr & Peers Seeks
Student Professional Worker
Applications Due January 21st, 2017**

The [Los Angeles Department of City Planning](#) (LADCP) and [Fehr & Peers](#) Transportation Consultants announce a unique internship rotation opportunity.

This paid experience will offer a new planner or planning student hands-on experience developing innovative strategies and tools for land use planning, transportation planning, urban design, zoning, and environmental analysis from the perspective of the City of Los Angeles, as well as a consultant to the City. The candidate will work in Downtown Los Angeles on a variety of projects, including the [DTLA 2040](#) Program – the ongoing update to the Downtown Los Angeles Community Plans and comprehensive rezoning of Downtown through the [re:code LA](#) project with both LADCP and Fehr & Peers.

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

**The San Francisco Municipal Transportation Agency (SFMTA)
Student Intern Program is Accepting Applications for Summer 2017
Applications Due February 15th, 2017**

SFMTA is considering candidates for the following groups and more:
Traffic Operations, Traffic Routing, Livable Streets, Parking, Capital Finance, Communications, Transit Engineering, Transit Service Planning, Complete Streets Planning, Transportation Demand Management, Emergency Management, and Special Projects / Street Use.

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

**TransportiCA Internships (Unpaid):
Book Club and Career + Internship Directors**

TransportiCA has available two internships, beginning in January, lasting however long your schedule desires, or academic institution permits. We are looking for Book Club and Career and Internship Directors to handle TransportiCA's monthly Book Club and contest, as well as, oversee general posting and email communications for career and internship opportunities.

Both positions are telecommuting - not requiring travel to TransportiCA's Sacramento headquarters, but do require participation in administrative webinars.

Book Club Director

Oversees Book Club main page, email and twitter feed; assist with monthly selections in accordance to selection and editorial policy; direct Book Club communications and administrative efforts; as well as, maintain relationships with authors, publishers and related Book Club partners.

Career & Internship Director

Oversees career and internship main pages, email and twitter feed; assist with respective postings in accordance to selection and editorial policy; as well as, maintain relationships with varying career and internship partners and institutions.

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

City of South Gate Seeks Planning Intern

This is an Unpaid Student Internship position that provides invaluable training and work experience that assists in preparing the Student Intern for a career in Planning.

The City of South Gate's Planning Division team with over 40 years of combined planning experience will work with the Student Intern to develop a program that is tailored to the individual's strengths and interests and fits within the team's current projects, programs and the work related needs of the Planning Division.

The ideal candidate has at least three years of college coursework, or an equivalent combination of education and experience in planning; and is currently enrolled or has recently graduated from an accredited college or university program to obtain an Associate Degree, Bachelor's Degree, or higher in Planning, GIS, or applicable field related to this Student Intern position, such as architecture, geography, or political science.

For more information or 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.

Submissions are due on April 28th, 2017.

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

**CTF Scholarship Opportunities
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](#).

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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