



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!

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In the News

METRANS News Receives Wide Attention On Weibo

During this past year, the USC Price Weibo account posted METRANS student news on a regular basis and received outstanding engagement



USCPrice

10月1日 07:46 来自 微博 weibo.com

Professor Ioannou Proposes Superior Freight Routing in Urban Environments. Ioannou proposed a method that uses real-time simulation models to estimate marginal costs of the routes and then applies an optimization algorithm to calculate the minimum cost route. [网页链接](#)



and positive responses from the Chinese audience. Read more [here](#).



Uber Pulls Its Self-Driving Cars Off the Streets of San Francisco

In a rare occurrence, Uber submitted to state authorities and pulled its self-driving cars off the streets of San Francisco. Read more [here](#).



LA to Get Electric Car-Sharing Program in Low-Income Neighborhoods

The L.A. City Council has approved a contract with Blue California, which operates electric vehicle car-sharing in Paris and Indianapolis. Read more [here](#).



A Big Year for Bike Share

It's also been a trendsetter, with similar public bike share programs launching in West Hollywood, Beverly Hills, and Downtown Los Angeles. 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](#).

**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](#).

**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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