

# TranLIVE

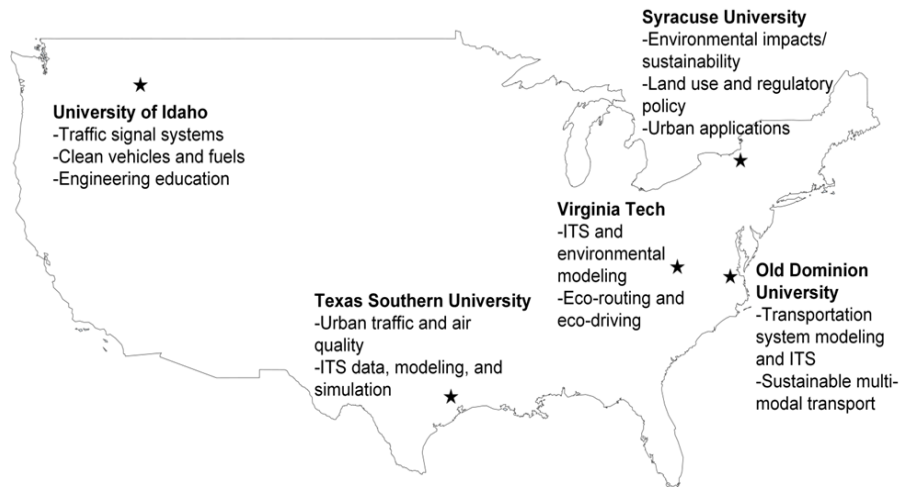
## Undergraduate Research Opportunity

Summer 2015: Monday, June 8 – Friday, July 31

### Overview

The intent of this program is to provide undergraduates with a unique opportunity to learn about transportation (including engineering, planning, and policy) and to participate in cutting-edge research projects with faculty and graduate students. This is a great opportunity for students to explore topics in transportation, and work with some of the best researchers in the country. This experience will be particularly valuable to students who may be interested in pursuing advanced studies and/or a career in the field of transportation.

### TranLIVE Universities and Research Focus Areas ([www.tranliveutc.org](http://www.tranliveutc.org)) (Transportation for Livability by Integrating Vehicles and the Environment)



**Program Description** Students can pursue their internship at any one of the five universities within the TranLIVE consortium. See the Figure above or the consortium website for the names, locations and research emphasis areas for each partner. Each intern will contribute to one or more on-going projects. These projects are in a variety of areas including traffic operations and controls, eco-driving and eco-routing, system modeling, clean vehicles and alternative fuels, urban air quality, intelligent transportation systems (ITS), environmental impacts of transportation, and land use and planning. Students are expected to work ~25-30 hours per week. Each intern will be supervised by a faculty advisor and will be expected to work in close collaboration with graduate students. The last week of the internship period, they will make a professional presentation and submit a research report describing their projects and results. These presentations will be organized as webinars and presented to faculty and students from all universities in the consortium.

### Eligibility

Applicants must be U.S. citizens or permanent residents currently enrolled in an undergraduate program closely related to TranLIVE research areas. Students must be in or entering their junior or senior years, completing their undergraduate program no earlier than December 2015. They must demonstrate a desire to pursue graduate studies and/or a career in transportation and are required to have excellent analytical and communication skills. A minimum GPA of 2.5/4.0 at the home institution is required.

### Financial Support

Students interning in the program at their own undergraduate institutions will receive \$3,000, and students visiting other universities within the consortium will receive \$5,000. Housing, travel, and other costs will be the responsibility of the student. Successful candidates will also be required to provide proof of medical insurance coverage.

# TranLIVE Undergraduate Research Opportunity

Application Form 2015

(Please type or print clearly)

Last Name \_\_\_\_\_

First Name \_\_\_\_\_

E-mail: \_\_\_\_\_

University Attending: \_\_\_\_\_

Major: \_\_\_\_\_

Expected Graduation Date: \_\_\_\_\_

Cumulative GPA: \_\_\_\_\_

Relevant Course Work and Experience: \_\_\_\_\_

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Names of Recommenders and Titles

(1) \_\_\_\_\_

(2) \_\_\_\_\_

Areas of Interest in Transportation \_\_\_\_\_

Preferred Internship Locations:(1) \_\_\_\_\_

(2) \_\_\_\_\_

TO APPLY- Candidates must submit the following:

1. One-page resume
2. One-page statement of interest and career goals
3. Two letters of recommendation (at least one must be from a faculty member at your university)

All materials must be submitted electronically to the representative at your home institution and to [tnoble@uidaho.edu](mailto:tnoble@uidaho.edu). Recommendation letters may be e-mailed separately by the referees. Questions may also be addressed to your representative.

## **University Representatives:**

Old Dominion University: Dr. Mecit Cetin: [mcetin@odu.edu](mailto:mcetin@odu.edu)

Syracuse University: Dr. O. Sam Salem: [omsalem@syr.edu](mailto:omsalem@syr.edu)

Texas Southern University: Dr. Fengxiang Qiao: [Qiao\\_FG@TSU.EDU](mailto:Qiao_FG@TSU.EDU)

University of Idaho: Dr. Ahmed Abdel-Rahim: [ahmed@uidaho.edu](mailto:ahmed@uidaho.edu)

Virginia Tech: Dr. Hesham Rakha: [hrakha@vti.vt.edu](mailto:hrakha@vti.vt.edu)

Minorities and other underrepresented groups are especially encouraged to apply.

Deadline for receipt of Applications is **Monday, March 23, 2015**