About NEXTRANS
The NEXTRANS Center is one of ten Regional University Transportation Centers selected competitively by the U.S. Department of Transportation to serve as leaders in meeting the nation’s need for safe, efficient, and environmentally sound transportation systems. Headquartered at Purdue University in West Lafayette, Indiana, the Center represents Region V, which includes the states of Indiana, Illinois, Ohio, Michigan, Wisconsin and Minnesota. NEXTRANS was established in 2007 to implement a multidisciplinary program of transportation research, education, and technology transfer. The NEXTRANS Center is led by Purdue University and administered by Purdue University’s Discovery Park.

Research Opportunity
A spring research internship with the NEXTRANS Center is the perfect opportunity to become immersed in the field of transportation engineering. We are looking for several part-time undergraduate interns to participate in cutting-edge research related to an active Driving Simulator Laboratory project. Main tasks are related to developing the interactive driving simulator experiment, designing and analyzing driving behavior surveys, developing statistical models, and writing research reports. The research project will eventually include human subjects being monitored by an electroencephalogram (EEG) while using a driving simulator. The work setting is an off-campus professional research environment.

Schedule
Interns will work about 10 hours per week through the spring semester. Exact start dates will be determined on an individual basis. Selected students will complete their internship at the NEXTRANS Center, located at 3000 Kent Ave in the Purdue Research Park.

Financial Support
Interns will receive $10 per hour.

Eligibility Requirements
Applicants should have at least two years of engineering coursework completed at an accredited college or university in the U.S. and a GPA of 3.0 or higher. Students should have a focus or demonstrated interest in transportation. Candidates should mention experience with data analysis, psychology/human factors analysis, econometrics, statistics and survey design, as these skills are very applicable to the project work.

Application Procedure
Applications will be reviewed by selection committee on a rolling basis beginning January 2016.

- Resume
- One-page essay (300-400 words) detailing interests and career goals
- Transcripts from each institution attended
- Two letters of recommendation from faculty members

Mail or Email Applications To:
NEXTRANS Undergraduate Internship in Transportation
3000 Kent Avenue
West Lafayette, IN 47906
Nathan Gill
(765) 496-9734
nathangill@purdue.edu
www.purdue.edu/dp/nextrans

Questions?
Contact Nathan Gill at the NEXTRANS Center
765-496-9734 or nathangill@purdue.edu