



Application Deadline: March 21, 2011



# Undergraduate Summer Internship in Transportation

## 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 based on an award from USDOT's Research and Innovative Technology Administration (RITA), in order 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. Its major university partners are University of Illinois at Urbana-Champaign (UIUC) and The Ohio State University (OSU).

## Research

Participation in cutting-edge research is the core curriculum of the NEXTRANS Summer Internship. Faculty members from the Center's partner universities are currently engaged in a range of NEXTRANS-funded projects that span transportation, logistics, and related domains. It is crucial that applicants take the time to explore the NEXTRANS Center's new projects (2010-2011) at [www.purdue.edu/dp/nextrans](http://www.purdue.edu/dp/nextrans) and select their top three areas of interest. Interns will be assigned to work on a NEXTRANS-funded project based on educational background, availability, and if possible, indicated interests.

## Schedule

The internship is a 10-week program beginning **Monday, May 23, 2011 and ending Sunday, July 31, 2011**. (These dates may be adjusted for students on the quarter system). Selected students will complete their internship at Purdue University, University of Illinois at Urbana-Champaign, or The Ohio State University. During this demanding program of study, interns are not permitted to undertake outside employment or academic study. Students will work 40 hours per week on NEXTRANS-related research and activities. In addition, students will meet with faculty members and research assistants as required, complete regular progress reports, compile a final research report, and deliver a formal presentation detailing activities and accomplishments.

## Financial Support:

Interns will each receive a stipend of \$4,000 over the 10-week period. Distribution and withholdings (as applicable) will be administered in accordance with the individual host university's policies and procedures.

## Travel and Accommodations

Interns are responsible for their own travel and accommodations; however, we would be happy to assist with general questions. Students are encouraged to investigate both on and off-campus housing at each host university.

## Eligibility Requirements

Applicants should have at least two years of engineering course work completed at an accredited college or university in the U.S., with a **GPA of 3.0 or higher**. Students should have a focus in transportation, or a demonstrated interest. Students who graduated prior to May 2011 are not eligible. **U.S. citizenship or permanent residency is required.**

## Application Procedure

Please submit the following by **Monday, March 21, 2011**:

- NEXTRANS undergraduate internship application (Available at [www.purdue.edu/dp/nextrans](http://www.purdue.edu/dp/nextrans))
- Resume
- One-page essay (300-400 words) detailing interests and career goals
- Official transcripts mailed directly from each institution attended
- Two letters of recommendation mailed directly from faculty members

## Mail applications to:

NEXTRANS Undergraduate Internship in Transportation  
3000 Kent Avenue  
West Lafayette, IN 47906  
Phone: (765) 496-9729  
Fax: (765) 807-3123  
[nextrans@purdue.edu](mailto:nextrans@purdue.edu)  
[www.purdue.edu/dp/nextrans](http://www.purdue.edu/dp/nextrans)

## Contact Information

Contact Andrea McIntyre at the NEXTRANS Center (765-496-9734) or ([andream@purdue.edu](mailto:andream@purdue.edu))