



UF UNIVERSITY of
FLORIDA

Transportation Research Internship Program

Civil & Coastal Engineering

May 19 - August 8, 2008



Overview

The Transportation Research Internship Program (TRIP) is conducted by the Transportation Research Center (TRC) and the Center for Multimodal Solutions for Congestion Mitigation (CMS) at the University of Florida. The intent of the program is to provide undergraduates an exciting opportunity to learn about transportation engineering and to participate in cutting-edge research projects along with faculty and graduate students at the centers. The experience will be valuable to students interested in pursuing advanced studies and/or a career in the field of transportation engineering. Several interns will be recruited to participate in this program based on a competitive selection process.

Program Description

The internship will be from May 19 through August 8, 2008. Students are expected to work 20-30 hours per week. Each intern will contribute extensively to one or more of the on-going projects at both centers. These projects are in a variety of areas such as traffic operations, highway capacity and quality of service, reliability, safety, travel modeling, network optimization, and transportation systems planning. These projects are funded by several state and federal entities such as Florida Department of Transportation, National Science Foundation, and National Cooperative Highway Research Program. Each intern will be supervised by a faculty advisor and will be expected to work in close collaboration with master's and doctoral students in the UF Transportation Engineering Program. Several seminars will also be organized to introduce the interns to the different areas of transportation engineering in an informal and interactive setting. Seminars will be offered by TRC and CMS faculty and transportation professionals.

At the end of the internship period, the interns are required to make oral presentations and submit research reports describing their projects.

The Centers

The TRC provides a central point for transportation research at UF. It is located in the College of Engineering, and collaborates with a number of other academic units throughout the college and the university. Since 1979, the center has produced hundreds of sponsored research projects by more than 50 faculty at a value of over \$40 million. The CMS is a Tier 1 University Transportation Center (UTC) funded by the Research and Innovative Technology Administration (RITA) of the U.S. Department of Transportation (USDOT). The center's main goal is to conduct research to find solutions to mitigate the congestion problems associated with multimodal transportation. The CMS will receive up to \$1 million per year in 2007, 2008, and 2009, and matching funds from non-federal sources at least equal to the USDOT grant amount. These funds will be used for various research, education and technology transfer activities. The CMS conducts interdisciplinary research in civil engineering, industrial and systems engineering, occupational therapy, and urban and regional planning.

Financial Support

UF students interning in the program will receive a fellowship amount of \$2,500, and non-UF students will receive \$4,000 for the duration of the internship. Non-UF students must find their own accommodations in the Gainesville area.

Eligibility

Domestic students (U.S. citizens or permanent residents) currently enrolled in an undergraduate program closely related to transportation engineering are eligible to apply. The applicants should be in their junior

or senior year in fall 2008. All applicants must demonstrate a desire to pursue graduate studies and/or a career in transportation engineering. Finally, applicants are required to have excellent computing, analytical and communication skills that contribute significantly to the research projects during their internship.

University of Florida and Gainesville

The University of Florida is the oldest university in the state of Florida and one of the largest in the nation. The U.S. News and World Report ranks UF No. 13 — Civil & Coastal Engineering is ranked No. 10 — academically among all the public universities in the country. The Gators also have a rich athletic tradition with ten athletic teams turning in top ten finishes in 2005-2006, including NCAA titles by both men's football and basketball teams — the only school ever to do so in the same year. The 2,000-acre campus, which is the home to approximately 50,000 students and several state-of-the-art facilities, is located in the city of Gainesville in north-central Florida. The freshwater lakes and hiking/biking trails in and around the city provide ample opportunities for outdoor activities. The city is also located within a couple of hours driving distance to Orlando, Tampa, Jacksonville, and Tallahassee.

Application Procedure and Deadlines

Mail a copy of the application provided on the back of this flier along with the required supporting material. Complete application packages must be received by March 1, 2008 for consideration. Selected applicants will be notified no later than March 30, 2008.

For more information contact

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Transportation Research Internship Program (TRIP) 2008 May 19 - August 8, 2008

Application Form

Full Name (Last, First): _____ Date of Birth: _____

Mailing Address: _____

Phone Number: _____ E-mail Address: _____

School: _____

Undergraduate Program: _____ Expected Graduation Date: _____

Current Standing: _____ Cumulative GPA: _____

Relevant Course Work: _____

Names of Recommenders	Title
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(2)	
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Areas of Interest in Transportation Engineering _____

Enclose the following supporting documents:

1. One-page resume
2. One-page statement of interest and career goals
3. Official transcripts
4. Two letters of recommendation

Mail complete application packages to reach the following address by March 1, 2008

Siva Srinivasan
TRIP 2008
University of Florida
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