

usit application

name: _____

current mailing address: _____

telephone: _____

e-mail: _____

permanent address: _____

current address good until: _____

date of birth: _____

current school or college: _____

expected graduation date: _____

credit hours completed in major: _____

total credit hours completed: _____

GPA (cumulative): _____

GPA (in major): _____

area of interest in transportation: _____

name of recommenders: _____

.....
send application to: _____

Dr. Chandra R. Bhat
USIT 2012

The University of Texas at Austin
Department of Civil, Architectural and Environmental Engineering
1 University Station C1761
Austin, Texas 78712-0278

e-mail: usit@engr.utexas.edu / telephone: (512) 232-6272 / fax: (512) 475-8744

Feel free to contact the **USIT 2012** office if you have any questions.



The University of Texas at Austin Advanced Institute

Undergraduate Summer Internship in Transportation

May 29 - August 10

2012

UT Austin

USIT 2012

A Career in Transportation

If Transportation Engineering interests you as a possible career, The University of Texas at Austin's Undergraduate Summer Internship in Transportation (USIT) can help you in your decision and prepare you for admission to a graduate program. The internship is an intense 11-week program that provides unique insight into transportation engineering education and a possible career in the field.

The Internship

USIT is sponsored by the Advanced Institute for Transportation Infrastructure Engineering and Management (the Advanced Institute). The Advanced Institute is part of the Southwest Region University Transportation Center. It is funded by the U.S. Department of Transportation for the purpose of increasing the quality, number, and diversity of professionals entering the transportation sector. The program will offer up to ten selected undergraduate students the opportunity to gain firsthand experience in conducting transportation studies and to actively participate in transportation research with graduate students under the supervision of the Transportation faculty.

Lectures

All USIT interns will be enrolled in a colloquium series designed to introduce them to the transportation field. Over the course of the 11-week program there will be weekly lectures on a wide range of topics on transportation engineering given by distinguished academics and practicing engineers. Lectures are intended to be informal so as to encourage discussion.

Research

Students participating in the internship will be exposed to active research programs with sponsors such as the Texas Department of Transportation, the U.S. Department of Transportation, the National Science Foundation, and the Capital Metropolitan Transit Authority. The University's Transportation Engineering research program encompasses a wide range of topics in the areas of: Transportation Systems Analysis; Pavement Materials, Design and Management; Traffic Science and Traffic Engineering; and Transportation Planning. Ongoing research opportunities include projects on Intelligent Transportation Systems (ITS), telecommuting, network operations, performance of pavement materials, infrastructure management systems, land use-transportation interactions, travel behavior modeling, condition assessment and monitoring, accelerated infrastructure testing, NAFTA-related international border traffic, port operations and intermodalism, bicycle facilities, transportation and air quality, and many others.

Support

Interns who are not current UT students will each receive a Fellowship of \$4,500 over the 11-week period of the program. UT student interns will each receive a Fellowship of \$3,500.

Internship Schedule

The internship is an 11-week program beginning Tuesday, May 29, 2012 and ending Friday, August 10, 2012 and is intended to be a demanding as well as rewarding experience. Interns will be assigned to one, in some cases two, ongoing transportation engineering research projects and are expected to work a minimum of 20 hours per week on that project. Students, however, tend to devote a great deal more than the required minimum hours per week on their projects. Weekends and evenings are not officially scheduled with activities,

although interns in previous years have spent this time with fellow interns and graduate students.

Austin Summers

Austin is a unique mix of urban sophistication and relaxed charm. Geographically, Austin is situated in the center of the State of Texas in the Texas Hill Country. It contains a network of rivers, lakes and natural cold-water springs. It also prides itself on an extensive green belt with endless hike and bike trails that afford any number of outdoor activities. Aside from being the state capital, Austin is also the music capital of the southwest and as such contains a rich variety of live music, nightclubs and restaurants. Austin is home to three Universities and to that end offers a great deal in the way of cultural events, lectures, films, sports events and museum exhibits. The University of Texas at Austin's campus alone is an incredible experience and contains an impressive selection of facilities ranging from the renowned Lyndon B. Johnson School of Public Affairs Library to the new, state-of-the-art Recreational Sports Center.

Accommodations

Participants are encouraged to use the room and board plans provided by the University of Texas at Austin. Information regarding the University's summer housing may be obtained on the Internet at <http://www.utexas.edu/student/housing> and/or by contacting the University's Housing and Food Service Office directly at (512) 471-3136. This office also maintains information on nearby off-campus housing in the event an applicant prefers to house him/herself.

Admission Eligibility/Selection Criteria

The internship is open to any currently enrolled college engineering junior or senior who is seriously considering

pursuing a graduate education in transportation engineering. Students graduating before December 2012 are ineligible. The internship accepts students who have both the desire and ability to work on transportation research projects and have demonstrated computer, math and writing skills. Selected USIT participants will be notified of their acceptance no later than Friday, April 6, 2012. Only U.S. citizens or permanent residents are eligible.

Application Procedure

The deadline for application to the program is Monday, March 19, 2012. To apply, complete the attached application form and submit it with a resume, a personal (one page) essay describing your interests and career goals, official transcripts, and two letters of recommendation. Recommendation letters and official transcripts should be mailed directly to the following address:

Dr. Chandra R. Bhat
Undergraduate Summer Internship
in Transportation (USIT)

The University of Texas at Austin
Dept. of Civil, Architectural and Environmental Engineering
1 University Station C1761
Austin, Texas 78712-0278
e-mail: usit@enr.utexas.edu
fax: (512) 475-8744
telephone: (512) 232-6272

www.cae.utexas.edu/dept/area/trans/undergrad_opp/usit.html

Note: All interns selected for the program are required to commit to being at UT Austin in person during the entire period of the internship.

The University of Texas at Austin