


UTC Project Information – National Transportation Center @ Maryland (NTC@Maryland)	
Project Title	NTC@Maryland Undergraduate Summer Research Program
University	University of Maryland
Principal Investigator(s)	Mark Franz
PI(s) Contact Information	mfranz1@umd.edu
PI(s) and Co-PI(s) Photo(s) Image should be 80width x 120height pixels. Allowed file types: png gif jpg jpeg .	
Funding Source(s) and Amounts Provided (by each agency or organization)	UMD: \$47,852
Total Project Cost	\$47,852
Agency ID or Contract Number	DTRT13-G-UTC30
Start and End Dates	1/1/16 – 12/31/16
Project Image (for website) Should be 233width x 155height pixels. Allowed file types: png gif jpg jpeg .	
Brief Description of Research Project	Many of the top undergraduate students in transportation engineering apply for graduate school with little or no research experience. This lack of firsthand experience can effect a student's expectations and professional network. On the other hand, as one of the top transportation engineering programs in the U.S. the faculty and staff at the University of Maryland

	<p>Department of Civil and Environmental Engineering actively recruit the top students in the field. To address this all too often shortcoming in transportation research, this proposal seeks to give undergraduate students from across the U.S. an opportunity to participate in a summer research program hosted at the University of Maryland, College Park.</p> <p>Building on the success of the 2015 Undergraduate Summer Research Program (USRP) the 2016 USRP will again allow top ranked undergraduate students from across the U.S. to compete for three research positions with participating transportation faculty/research staff at the University of Maryland Department of Civil and Environmental Engineering. The specific research topics will be determined upon approval of this proposal.</p> <p>Recognizing the varying fields of expertise of the faculty/research staff at the University of Maryland, students will have the option to apply for specific research projects if they prefer. The final selection of awarded positions will be based on the academic merits and recommendations of the applicants, determined by NTC@Maryland Staff and the participating faculty/research staff member.</p>
<p>Describe Implementation of Research Outcomes (or why not implemented)</p> <p>May Place Any Photos Here</p>	<p>The objectives of this educational program are as follows:</p> <ol style="list-style-type: none"> 1. Offer qualified undergraduate students that are considering graduate education in transportation engineering an opportunity to participate in transportation research with highly respected faculty/research staff. 2. Engage University of Maryland faculty/research staff to participate in mentoring the selected students. 3. Monitor and assess the overall benefit of the program to both the student's and mentors.
<p>Impacts/Benefits of Implementation (actual, not anticipated)</p>	<p>This program is expected to enhance the education experience of the student participants. The student's will also make valuable professional connections as they prepare for their future as</p>

	<p>transportation professionals. In addition, the faculty and research staff at the NTC@Maryland will have the opportunity to interact with top notch students that are considering graduate school. This opportunity will establish a working relationship between the students host university and the NTC@Maryland.</p>
<p>Web Links</p> <ul style="list-style-type: none">• Reports• Project website	