



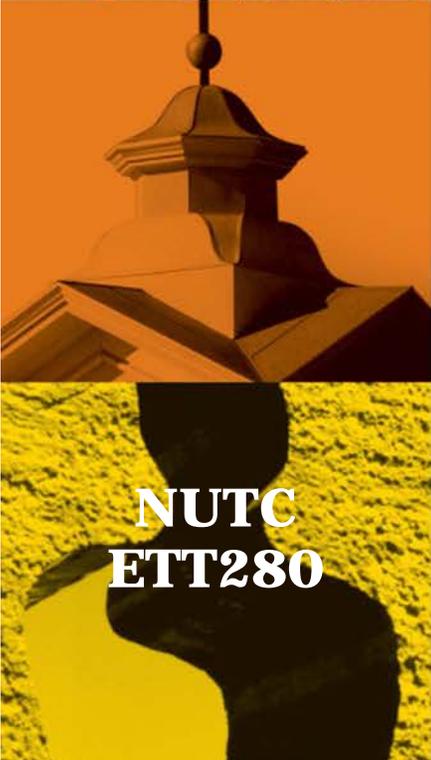
MISSOURI
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CENTER FOR TRANSPORTATION INFRASTRUCTURE AND SAFETY

Minority Engineering Scholarships Renewal 2011

by

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NUTC
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**A National University Transportation Center
at Missouri University of Science and Technology**

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16. Abstract Scholarships for Minority Students Studying Engineering and Science : Support will make scholarships available to minority students interested in engineering and science and will increase significantly the number of minority students that Missouri S&T can recruit to its science and engineering programs. Recipients of scholarships will also be exposed to career opportunities in transportation. <u>Minority Engineering and Science Program (MEP)</u> scholarships provide critical financial support for under-represented students majoring in engineering and science programs at Missouri S&T. MEP scholarship students receive professional and academic support through the close-knit MEP network of friends, mentors, and Missouri S&T staff. MEP has a rich 30 year tradition of sponsoring events, activities and organizations that ensure its students are prepared for personal and professional success.			
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Final Report-Student Diversity/Minority Engineering programs for UTC

Sponsored items and events for 2011 UTC~~STUDENT DIVERSITY PROGRAMS

Minority Intro to Technology & Engineering (MITE)June 5-10, 2012, June 19-24, 2012

MITE is an on-campus week long summer program for traditionally under-represented minority students. Campers will participate in one- to two-hour sessions covering the work performed in the different fields of engineering. They include both experimental and applied work. In addition, orientation sessions will be held to discuss admission requirements and procedures; how and when to apply for scholarships and other forms of financial aid; student government and social organizations, and other campus resources

40 total attendees

Scholarship~~~40 students July 2011

Hit the Ground Running (HGR) Summer Enrichment Program for incoming freshman

The objectives of the pre-engineering summer program are:

1. To bolster and strengthen the pre-college preparation in mathematics, science, and English composition of minority students who have potential for engineering careers and to encourage them to enter such careers.
2. To provide opportunities for program participants to learn more about the career opportunities in engineering and science and technology.
3. To help make an adjustment to the rural and university environment.
4. To assist selected students through the baccalaureate degree with tutorial, scholarship, employment opportunities, and counseling help as needed.

This program is for all the Student Diversity Program (SDP) scholarship recipients. For three weeks, each year the SDP scholars take classes in Mathematics (at the appropriately determined level), English and chemistry. The benefits are tremendous, not only do the students have an academic head start when the fall semester begins, but they also become a team. Rigorous study prepares them for a demanding engineering curriculum, and they experience life in a dorm away from friends and family. Along with academics, scholars learn about career opportunities that await them once they earn their degree. Special seminars are hosted by industry representatives and engineering department chairs that focus on career and educational opportunities for minority students. The proven track record of this program on the Missouri S&T campus has sparked a similar program for minority freshman engineering students. Students are surveyed at the end of the program with regards to how their degree could contribute to transportation sustainability and future developments, and nearly all responded that they could see their degree leading to a wide variety of transportation-related applications and improvements.

Society of Hispanic Professional Engineers National Conference: October 26-30th, 2011 Anaheim, CA

With over 10,000 students attending the event each year it is an excellent opportunity to recruit minority students at both the undergraduate and graduate levels. The goal is designed to increase the awareness, participation, and excitement surrounding graduate school and the pursuit of higher education. Through the careful integration of planned events, students and professionals can learn about higher education opportunities and resources. Several new activities have been incorporated into the agenda that are designed to promote higher education, increase student participation, and emphasize academic and technical excellence.

12 attendees

Fall Si Se Puede: November 10-12, 2011

Society of Professional Hispanic Professionals annually coordinates ¡Sí Se Puede! This helps students to explore the career options Missouri S&T has to offer and gives them an inside look at real college life. It is an on-campus visit program for Hispanic and Latino students to explore a future career in math and science. During their time at Missouri S&T the students will interact with members of the SHPE and NSBE chapters. Participants will also meet faculty and staff that volunteer their time to teach students about degree programs, career options, co-ops and internships, answer all their questions and more.

6 attendees

Combined event~~Si Se Puede and Pre-College Initiative were held February 16-19, 2012

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The National Society of Black Engineers (NSBE) is the largest student-run, non-profit organization in the country. Its objective is to promote the recruitment, retention, and successful graduation of African-Americans in engineering, science and technology. NSBE serves as a vehicle to promote unity through programs that encourage academic excellence, perennial growth, and professional development. One of the objectives of the Missouri S&T-NSBE chapter is to encourage high school students to pursue careers in engineering, science, and technology and to consider Missouri S&T as a choice for their college home. During this on-campus visit program students will participate in a series of workshops, hands-on activities, an admissions seminar, and a civil engineering design project.

26 attendees

NSBE 38TH Annual Convention March 28-April 1st, 2012 Pittsburgh PA

The Annual Convention is the premier event for the organization which joins members from around the world. This year's theme is ***"The NSBE Blueprint: Leadership, Teamwork, and Inspiration."***

This year's Annual Convention will be like no other. It is meant to be a culmination of all of the spectacular events that take place during the year all coming to an end. It is also intended to help provide members with a "blueprint" on how to excel academically, succeed professionally and positively impact the community. The convention planning committee challenges the members to put the past aside and use this convention as a mechanism to prepare for things to come. We want to help members realize the potential within and unleash it on the world.

13 attendees