



# CENTER FOR INFRASTRUCTURE ENGINEERING STUDIES

## Minority Engineering and Science Program

By

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**UTC  
ETT152**

**University Transportation Center Program  
at the University of Missouri-Rolla**

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### Technical Report Documentation Page

1. Report No.  UTC ETT152	2. Government Accession No.	3. Recipient's Catalog No.	
4. Title and Subtitle Minority Engineering and Science Program	5. Report Date  December 2006		
	6. Performing Organization Code		
7. Author/s  J.P. Fransaw	8. Performing Organization Report No.  00001406/0008404		
9. Performing Organization Name and Address  Center for Infrastructure Engineering Studies/UTC program University of Missouri - Rolla 223 Engineering Research Lab Rolla, MO 65409	10. Work Unit No. (TRAIS)		
	11. Contract or Grant No.  DTRS98-G-0021		
12. Sponsoring Organization Name and Address  U.S. Department of Transportation Research and Special Programs Administration 400 7 <sup>th</sup> Street, SW Washington, DC 20590-0001	13. Type of Report and Period Covered  Final		
	14. Sponsoring Agency Code		
15. Supplementary Notes			
16. Abstract The Minority Engineering and Science Program (MEP) at the University of Missouri-Rolla (UMR) has come together with the UMR University Transportation Center to make the following minority education programs a resounding success. <ul style="list-style-type: none"> <li>• Minority Intro to Technology &amp; Engineering (MITE)</li> <li>• Mathematics Engineering Science Achievement (MESA)</li> </ul>			
17. Key Words  Minority, engineering, science, technology, mathematics, education	18. Distribution Statement  No restrictions. This document is available to the public through the National Technical Information Service, Springfield, Virginia 22161.		
19. Security Classification (of this report)  unclassified	20. Security Classification (of this page)  unclassified	21. No. Of Pages  2	22. Price

## Minority Engineering and Science Program

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The Minority Engineering and Science Program (MEP) at the University of Missouri-Rolla (UMR) has come together with the UMR University Transportation Center to make the following minority education programs a resounding success.

### Minority Intro to Technology & Engineering (MITE)

This year, MITE programs reached a total of 84 students. The programs helped the students obtain a clear picture of engineering, science, and technology as a profession and to become acquainted with the various fields. The students had the opportunity to participate in several hands-on activities and to interact with UMR students, faculty, and staff.

#### 2006 MITE dates

- *June 4–9, 2006*—Lisa Anderson Minority Intro to Technology & Engineering (MITE)  
*25 students attending*
- *June 18–23, 2006*—Open Session Minority Intro to Technology & Engineering (MITE)  
*26 students attending*
- *July 7, 2005*—Jennings High School Visit (with UMR campus visit)  
*34 students attending*



## **Mathematics Engineering Science Achievement (MESA)**

MESA reached 69 students total this year. The program overall is designed to prepare students for leadership roles in an increasingly technological world. It provides academic enrichment, career exploration in technology, math, and science, and provides opportunities for students to perform as peer leaders and tutors. Several of our original student group graduated from high school this year and are college bound. We also have some excellent rising sophomores and juniors who have achieved a great deal and will benefit significantly from continuation of this program. We also expect our transitioning 8<sup>th</sup> graders to join the high school program. This year, 39 high school students with 2 advisors and 30 middle school students with 2 advisors participated. The success of this program reemphasized the need to continue programs of this type in urban areas and for students of economic disadvantage.

### **2005/2006**

- Normandy High School: 39 students
- Normandy Middle School: 30 students