

**A NATIONAL UNIVERSITY TRANSPORTATION CENTER
AT MISSOURI UNIVERSITY OF SCIENCE & TECHNOLOGY**

**CENTER FOR TRANSPORTATION
INFRASTRUCTURE
AND SAFETY**

**ADVANCED MATERIALS, TRANSITION-STATE FUELS AND NON-
DESTRUCTIVE TESTING TECHNOLOGIES**

First and Second Year Combined Annual Report

July 1, 2006 – June 30, 2007

July 1, 2007 – June 30, 2008

PART C: PERFORMANCE INDICATOR REPORT

Submitted by
John J. Myers, Ph.D., P.E.
Interim Center Director

AUGUST 31, 2008

**First and Second Year Combined Annual Report
Part C: Performance Indicator Report**

Table of Contents

GOAL 1 - EDUCATION	2
Performance Indicator 1	2
GOAL 2 - HUMAN RESOURCES	3
Performance Indicator 2	3
GOAL 3 - RESEARCH SELECTION	4
Performance Indicator 3	4
GOAL 4 - RESEARCH PERFORMANCE	5
Performance Indicator 4	5
GOAL 5 - TECHNOLOGY TRANSFER.....	6
Performance Indicator 5	6

GOAL 1 – EDUCATION

A multidisciplinary program of course work and experiential learning that reinforces the Center’s mission and theme.

Performance Indicator 1

Information about the Center’s transportation education program for the academic year(s) being reported (Year I and II), in comparison with the baseline (Base) provided in the Appendix of the Center’s Strategic Plan.

Note: With the transition to a National Center, funding for Year I (2006-2007) and Year II (2007-2008) was received concurrently, creating an overlap of activities measured by performance indicators.

Transportation Education	Base	2006-2008
1a. Cumulative number of transportation-related courses:	89	141
Undergraduate:	43	74
Graduate:	46	67
1b. Number of students participating in transportation research projects:	149	221
Undergraduate:	118	187
Graduate:	29	34

GOAL 2 - HUMAN RESOURCES

An increased number of students, faculty and staff who are attracted to and substantively involved in the undergraduate, graduate and professional programs of the Center.

Performance Indicator 2

Information about the Center’s transportation education program for the academic year(s) being reported (Year I and II), in comparison with the baseline data (Base) provided in the Appendix of the Center’s Strategic Plan.

Note: With the transition to a National Center, funding for Year I (2006-2007) and Year II (2007-2008) was received concurrently, creating an overlap of activities measured by performance indicators.

Human Resources	Masters		Doctorate		Total	
	Base	2006-2008	Base	2006-2008	Base	2006-2008
2a. Cumulative number of transportation-related advanced degree programs	5	5	5	5	10	10
2b. Numbers of Students Enrolled	13	16	16	18	29	34
2c. Number of Students Receiving Degrees	1	3	2	3	3	6

GOAL 3 - RESEARCH SELECTION

An objective process for selecting and reviewing research that balances multiple objectives of the program.

Performance Indicator 3

Information about the Center's transportation research selection process during the academic year(s) being reported (Year I and II).

Note: With the transition to a National Center, funding for Year I (2006-2007) and Year II (2007-2008) was received concurrently, creating an overlap of activities measured by performance indicators.

Transportation Research Selection	2006-2008
3a. Research Projects Awarded by Center	25
3b. Number of those projects that you consider to be:	
basic research	18
advanced research	0
applied research	7
3c. Total Budgeted Costs for Those Projects	\$ 6,683,649

* \$ Grand total includes NUTC match, non-federal, and federal totals but not administrative expenses totaling \$485,136.

GOAL 4 - RESEARCH PERFORMANCE

An ongoing program of basic and applied research, the products of which are judged by peers or other experts in the field to advance the body of knowledge in transportation.

Performance Indicator 4

Information about the Center's transportation research performance during the academic year(s) being reported (Year I and II):

Note: With the transition to a National Center, funding for Year I (2006-2007) and Year II (2007-2008) was received concurrently, creating an overlap of activities measured by performance indicators.

Transportation Research Performance	2006-2008
4a. Number of reports issued that resulted from transportation research projects funded by the NUTC grant.	34
4b. Number of transportation research papers presented at academic/professional meetings that resulted from projects funded by the NUTC grant.	107

* Performance is defined as a meritorious accomplishment, such as distinguished service awards, best paper award, fellow member, etc.

GOAL 5 - TECHNOLOGY TRANSFER

Availability of research results to potential users in a form that can be directly implemented utilized or otherwise applied.

Performance Indicator 5

Information about the Center's technology transfer and outreach efforts during the academic year(s) being reported (Year I and II):

Note: With the transition to a National Center, funding for Year I (2006-2007) and Year II (2007-2008) was received concurrently, creating an overlap of activities measured by performance indicators.

Technology Transfer	2006-2008
5a. Number of Transportation Seminars, Symposia Distance Learning Classes, etc., Conducted for Practicing Professionals	123
5b. Number of transportation professionals participating in those events.	4,299