

# Performance Indicators for NCITEC (Calendar Year 2013)

## Part I – Program-Wide Indicators

1. Number of transportation-related courses offered during the reporting period that were taught by faculty and/or teaching assistants who are associated with the UTC
  - Undergraduate courses: 17
  - Graduate courses: 19
2. Number of students participating in transportation research projects funded by this grant
  - Undergraduate students: 13
  - Graduate students: 51
3. Number of transportation-related advanced degree programs that utilize grant funds to support graduate students
  - Master's Level: 6
  - Doctoral Level: 6
4. Number of graduate students supported by this grant
  - Master's Level: 13
  - Doctoral Level: 28
5. Number of students supported by this grant who received degrees
  - Master's Level: 1
  - Doctoral Level: 3
6. Number and total dollar value of research projects selected for funding using UTC grant funds (Federal and/or Recipient Share) that you consider to be applied research and advanced research:
  - Applied research projects and dollar value: 31 projects for \$3,049,698 (Federal portion only)

## Part II – UTC-Specific Indicators

### 1. Research Capability Performance Metrics

- Transportation research projects with an impact on intermodal transportation: 31
- Peer-reviewed intermodal transportation research reports published: 8
- Intermodal transportation research papers accepted for presentation at academic/professional meetings: 37

### 2. Leadership Performance Metrics

- Leadership positions held by NCITEC researchers in regional, national and international organizations: Dr. Burak Eksioglu is serving as the past-president of the Operations Division of Institute of Industrial Engineering.
- Dr. Burak Eksioglu is serving as the president-elect of the Logistics and Supply Chain Division of Institute of Industrial Engineering.
- Number and diversity of NCITEC partners and collaborators:
- 38 collaborators including academic institutions, private businesses, state organizations, and non-profit organizations.
- Keynote speeches and invited presentations given by NCITEC faculty and staff: 11
- Number of awards received by NCITEC faculty and staff: 5

### 3. Education and Workforce Development Performance Metrics

- Students completing transportation related courses: over 500
- Students involved in transportation research projects: 64
- Educational tools specific to intermodal transportation, e.g., case studies, historical materials, computer simulations, and other models: 5
- Students enrolled in advanced degree programs affiliated with NCITEC: 41
- Graduate students and their theses supported by NCITEC projects: 41
- Students receiving degrees from education programs affiliated with NCITEC: 4
- Faculty participating in NCITEC research projects and educational programs and activities: 68

### 4. Technology Transfer Performance Metrics

- Intermodal transportation seminars, symposia, and educational programs conducted for and attended by practicing transportation professionals: 5
- People attending the above-mentioned events: About 200 K-12 students and 30 undergraduate students, and 10 graduate students

### 5. Collaboration Performance Metrics

- Number of projects (research, educational, and technology transfer) that have investigators from two or more institutions: 9
- Collaborative efforts with state and local transportation and public works agencies: MDOT is providing matching funds for two NCITEC projects. There is also a large number of other organizations providing in-kind match for almost each of the active NCITEC projects.