

**Progress Performance Report  
for the  
New England University Transportation Center  
Massachusetts Institute of Technology**

**Federal Grant DTRT13-G-UTC31  
Grant Period: September 1, 2013 - September 30, 2017**

**Reporting Period: October 1, 2013-March 31, 2014**

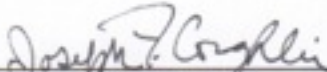
**Submitted to  
US Department of Transportation  
Research and Innovative Technology Administration**

**Project Title**  
University Transportation Centers Program - Region 1

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# REPORTING CATEGORIES

## 1. Accomplishments

*What are the major goals of the program?*

### **Research Goal**

- To conduct research in technology applications and systems integration with related work in policy, planning and human factors that improve transportation safety as well as further our understanding and realization of livable communities to support mobility across the lifespan.
- To support peer-reviewed investigations that address safety and livability by exploring and furthering research, policy, and practice in the application of ubiquitous intelligence, use of big data, and improved human performance

### **Education & Workforce Goal**

- To introduce transportation to all levels of education: K-12, undergraduate, graduate and continuing education.
- To place graduates into transportation fields.
- To provide current and developing methods, tools and insights to today's transportation workforce to support their capacity to build, operate and manage a safe and efficient transportation system.

### **Technology Transfer Goal**

- To increase the awareness and level of information concerning transportation issues facing New England.
- To further our well-established technology transfer and outreach activities.
- To engage the public and private transportation sectors throughout the New England Region and the nation.

### Accomplishments under these goals

February 3, 2014

A meeting was held, with Dr. Joseph Coughlin leading the meeting, and involving personnel from all of the consortium schools. At this meeting, the UTC Policy Committee conferred on future research and Request for Proposals content. Other discussions included funding availability, research priorities, and student funding requirements. It also included an overview of the UTC grant requirements.

February 28, 2014

The New England UTC Request for Proposals (RFP) was developed and disseminated to all consortium schools as well as to the transportation faculty at MIT. Research proposals are due May 5, 2014 and we expect several high quality submissions, which will be peer-reviewed.

*What opportunities for training and professional development has the program provided?*

Nothing to report.

*How have the results been disseminated?*

Nothing to report.

*What do you plan to do during the next reporting period to accomplish this goal?*

All research proposals will be reviewed according to the following award criteria:

1. Relevance to New England Center Theme
2. Research Performance Competence
3. Intrinsic Merit of the Research
4. Utility or Relevance of the Research
5. Effect of the Research on the Field of Transportation

The proposals will first be reviewed and approved within each member university to ensure quality and compliance with the guidelines contained in our RFP.

Proposals will then be sent to external reviewers outside the New England region. If the proposal is determined to be acceptable by the outside peer review, the New England University Transportation Center Policy Committee will make the final evaluation using the above criteria in addition to budget considerations.

This will result in the MIT Research Subawards Office issuing subcontracts to our consortium schools.

## 2. Products

*Publications, conference papers, and presentations*

Nothing to report.

*Website(s) or other Internet site(s)*

Nothing to report.

*Technologies or techniques*

Nothing to report.

*Inventions, patent applications, and/or licenses*

Nothing to report.

*Other products*

Nothing to report.

### **3. Participants & Other Collaborating Organizations**

*What other organizations have been involved as partners?*

Nothing to report.

*Have other collaborators or contacts been involved?*

Nothing to report.

## **4. Impact**

*What is the impact on the development of the principal discipline(s) of the program?*

Nothing to report.

*What is the impact on other disciplines?*

Nothing to report.

*What is the impact on the development of transportation workforce development?*

Nothing to report.

*What is the impact on physical, institutional, and information resources at the university or other partner institutions?*

Nothing to report.

*What is the impact on technology transfer?*

Nothing to report.

*What is the impact on society beyond science and technology?*

Nothing to report.

## **5. CHANGES/PROBLEMS**

*Changes in approach and reasons for change*

Nothing to report.

*Actual or anticipated problems or delays and actions or plans to resolve them*

Nothing to report.

*Changes that have a significant impact on expenditures*

Nothing to report.

*Significant changes in use or care of human subjects, vertebrate animals, and/or biohazards*

Nothing to report.

*Change of primary performance site location from that originally proposed*

Nothing to report.

### **Additional information regarding Products and Impacts**

Nothing to report.