

NTC Program Progress Performance Report (PPPR) Information Form

For P.I.'s Use

On a semi-annual basis the NTC sponsored P.I. must report Program Progress Performance Report (PPPR) using the format specified in this PPPR Information Form. The form must be submitted electronically to the corresponding NTC Associate Director by **9/15/2014**.

Cover Period: 4/1/2014 – 9/15/2014

Project Reporting Period: 9/1/2014 – 9/15/2014

NTC Funded Project Information (Round/Year 1, 2013-2014)	
University Name	NC State University
Project Title	Moving Transportation Research to Practice: TPID Webinar Series
Principal Investigator	James Martin
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The form includes the following six parts:

- Part I – Performance Indicators
- Part II – Accomplishments: What was done? What was learned?
- Part III – Products: What has the program produced?
- Part IV – Participants & Collaborating Organizations: Who has been involved?
- Part V – Impact: What is the impact of the program? How has it contributed to transportation education, research and technology transfer?
- Part VI – Changes/Problems

Supplementary documents/materials can be attached to this form with the submission.

Part I – Performance Indicators	
Reporting Period	4/1/2014 – 9/15/2014
1. Transportation-related courses offered during the reporting period that were taught by faculty and/or teaching assistants who are associated with the UTC	N/A
Undergraduate courses	
Graduate courses	
2. Students supported by this grant	N/A
Undergraduate students	
Masters students	
Doctoral students	
3. Students participating in transportation research projects funded by this grant (but not supported by this grant)	N/A
Undergraduate students	
Graduate students	
4. Students supported by this grant who received degrees	N/A
Undergraduate degrees	
Masters degrees	
Doctoral degrees	

Part II – Accomplishments: What was done? What was learned?

The information provided in this section allows the OST-R grants official to assess whether satisfactory progress has been made during the reporting period.

Reporting Period 4/1/2014 – 9/15/2014

1. What are the major goals of the program?

The National UTC aims to promote strategic transportation policies, investment, and decisions that bring lasting and equitable economic benefits to the U.S. and its citizens. The Center is concerned with the integrated operations and planning of all modes serving the nation’s passenger and freight transportation system, including the institutional issues associated with their management and investments. A balanced multi-modal approach will be used that considers freight and passenger travel mobility, reliability, and sustainability, as well as system operations during periods of both recurring and non-recurring incidents, including response to major emergencies. The modes in this theme include highway, transit, rail, and inter-modal interfaces including ports, terminals and airports. In particular, the center focuses on research, education, and technology transfer activities that can lead to (1) Freight efficiency for domestic shipping and for our international land, air, and sea ports; (2) Highway congestion mitigation with multi-modal strategies; and (3) Smart investments in intercity passenger travel facilities such as high speed rail. Major center activities are as following:

- **Advanced & Applied Research Promoting Economic Competitiveness:**
Our research activities are multimodal/intermodal and multidisciplinary in scope, with the aims of addressing nationally and regionally significant transportation issues pertinent to economic competitiveness and providing practice-ready solutions.
- **Education, Workforce Development, Technology Transfer, & Diversity**
The consortium is committed to providing high-quality transportation education and workforce development programs for a broad and diverse audience. Center’s efforts will support the development of a critical transportation knowledge base and a transportation workforce that is prepared to design, deploy, operate, and maintain the complex transportation systems of the future.

<p>2. What was accomplished under these goals?</p>	<p>1) Develop webinar agendas and overarching themes. Identify research presentations and content experts. Plans are to identify key researchers with in the center that have projects significant progress that would be appropriate as webinar speakers. Speakers may not be limited to project PI's only.</p> <p>The first webinar in the series will introduce TPID's research mission and leadership to the practitioner community, and address the overarching theme of moving research to practice. Each subsequent webinar will focus on one of the three TPID research areas.</p> <p>2) Preliminary planning has been done for the webinar series including delivery technology identification.</p>
<p>3. How have the results been disseminated?</p>	<p>N/A</p>
<p>4. What do you plan to do during the next reporting period to accomplish the goals? (10/1/2014 – 3/31/2015)</p>	<p>A schedule for the Webinar series will be developed along with identification of topics and speakers. A marketing strategy will be developed and implemented to advertise and broadly announce the availability of the Webinars. Depending on the maturity of research projects, we anticipate 2-4 webinars being conducted in the next reporting period.</p>

Part III – Products: What has the program produced?

Publications are the characteristic product of research projects funded by the UTC Program. OST-R may evaluate what the publications demonstrate about the excellence and significance of the research and the efficacy with which the results are being communicated to colleagues, potential users, and the public, not the number of publications. Many research projects (though not all) develop significant products other than publications. OST-R may assess and report both publications and other products to Congress, communities of interest, and the public.

Reporting Period	4/1/2014 – 9/15/2014
1. Journal publications:	N/A
2. Books or other non-periodical, one-time publications	N/A
3. Other publications, conference papers and presentations	N/A
4. Website(s) or other Internet site(s)	We anticipate a link on the center website for webinar announcements and registrations.
5. Technologies or techniques	N/A
6. Outreach activities	Planning for webinar series.
7. Courses and workshops	N/A
8. Inventions, patent applications, and/or licenses	N/A
9. Other products	N/A

Part IV – Participants & Collaborating Organizations: Who has been involved?

OST-R needs to know who has worked on the project to gauge and report performance in promoting partnerships and collaborations.

Reporting Period	4/1/2014 – 9/15/2014
1. What organizations have been involved as partners?	None to report.
2. Have other collaborators or contacts been involved?	N/A

Part V – Impact: What is the impact of the program? How has it contributed to transportation education, research and technology transfer?

DOT uses this information to assess how the research and education programs:

- increase the body of knowledge and techniques;
- enlarge the pool of people trained to develop that knowledge and techniques or
- put it to use; and,
- improve the physical, institutional, and information resources that enable those people to get their training and perform their functions.

Reporting Period	4/1/2014 – 9/15/2014
1. What is the impact on the development of the principal discipline(s) of the program?	Webinars will broadly disseminate research findings to the research community and beyond. Results will enhance academic pursuits by expanding knowledge in the specified research areas.
2. What is the impact on other disciplines?	Within both the academic and practitioner audiences, new concepts, ideas and approaches can be ascertained from webinar content. Webinars also allow for questions to be answered by those on the research team and present new solutions for transportation challenges.
3. What is the impact on the development of transportation workforce development?	Webinar audiences are likely to consist of academics, students and practitioners. Professional development opportunities are provided for transportation practitioners and aspiring practitioners through exposure to research expertise. Researchers can also interact and get feedback on their approach to research solutions.
4. What is the impact on physical, institutional, and information resources at the university or other partner institutions?	N/A
5. What is the impact on technology transfer?	The webinar series will more broadly disseminate information to the research community as well as transportation practitioners. This effort will also create a much larger awareness of the work being done at the NTC. Hundreds of participants can be better informed about the impact of the center’s research.
6. What is the impact on society beyond science and technology?	Much of the information shared should ultimately result in transportation solutions in the US that are more sustainable and positively impact the quality of life.
7. Additional impacts	N/A

Part VI – Changes/Problems

If not previously reported in writing to OST-R through other mechanisms, provide the following additional information or state, “Nothing to Report, if applicable:

Reporting Period	4/1/2014 – 9/15/2014
1. Changes in approach and reasons for change	Nothing to Report.
2. Actual or anticipated problems or delays and actions or plans to resolve them	Webinars have not been scheduled as there was some delay in establishing project account, but now that research projects are more fully underway, presenters will be identified and scheduled.
3. Changes that have a significant impact on expenditures	Nothing to Report.
4. Significant changes in use or care of human subjects, vertebrate animals, and/or biohazards	Nothing to Report.
5. Change of primary performance site location from that originally proposed	Nothing to Report.