

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 **9/15/2015**.

Cover Period: 9/30/2015 - 3/31/2016

NTC Funded Project Information (Round/Year 1, 2013-2014)	
University Name	University of New Orleans
Project Title	Port City Challenges
Principal Investigator	Bethany Stich
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The form includes the following six parts:

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

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

Part I – 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

9/30/2015 - 3/31/2016

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>In pursuit of our goal to advance research on freight efficiency of domestic shipping, one of our graduate assistants was awarded an Eisenhower Graduate Fellowship funded by the USDOT. With these funds this graduate assistant will pursue freight flow research in the Gulf of Mexico and the impacts of changing diplomatic relations with Cuba and the expansion of the Panama Canal.</p> <p>Furthermore, the research team has worked with industry partners to ensure research activities are current, relevant and will result in practice ready outcomes including planning an international E-Navigation conference to be held in New Orleans in October, 2016.</p>
<p>3. How have the results been disseminated?</p>	<p>This project is completed.</p>
<p>4. What do you plan to do during the next reporting period to accomplish the goals? (10/1/2014 – 3/10/2015)</p>	<p>Present research on expanding NAFTA maritime freight corridors at the 2015 METRANS International Urban Freight Conference (I-NUF).</p> <p>Present poster on Gulf Coast Megaregions research at the 2015 Transportation Research Board annual conference. Expanded research goals include improving megaregion economic competitiveness through state freight plan and MPO freight plan agreement analysis.</p> <p>Present poster on Liquefied Natural Gas research at the 2015 Transportation Research Board annual conference.</p> <p>Present student dissertation research on changing freight flow patterns in the Gulf of Mexico at the 2015 Transportation Research Board annual conference.</p> <p>Present research at the 2015 Southeastern Conference of Public Administration in Charleston, SC.</p> <p>Travel to Cuba to assess freight transportation infrastructure and to discuss Cuba’s expanding trade relationship with the United State</p> <p>Work with IALA and other international and national partners to plan and host an E-Navigation Conference in New Orleans in October, 2016.</p>

Part II – 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	9/30/2015 - 3/31/2016
1. Journal publications:	NA
2. Books or other non-periodical, one-time publications	NA
3. Other publications, conference papers and presentations	<p>Jeremy Plant and Bethany Stich, “ASPA’s Section on Transportation Policy Administration: A Look Back” Public Works Management & Policy, Volume Issue 4, October 2014.</p> <p>Stich, Bethany and Kyle Griffith, “Ending Transportation Neglect in America Works Management & Policy, Volume 19. Issue 4, October 2014.</p> <p>Presented Gulf Coast Megaregions research at the 2015 South Eastern Conference for Public Administration.</p> <p>Submitted full paper to the doctoral student paper competition (Collins Award) at the 2015 South Eastern Conference for Public Administration. The topic is an examination of Cuban energy markets and the potential for change</p>
4. Website(s) or other Internet site(s)	<p>https://www.youtube.com/watch?v=FWInkY8xv1s You tube of video summing up the maritime workforce summit</p> <p>transportation.uno.edu UNOTI webpage</p>

5. Technologies or techniques	New vehicle re-identification methods for large trucks.
6. Outreach activities	<p>Participated in the May 2015 'Who Works the River' event at the Port where UNOTI team members disseminated information about ongoing research projects and academic opportunities for high school students.</p> <p>In Partnership with the Port of New Orleans, hosted the first ever Maritime Workforce Summit.</p>
7. Courses and workshops	Hosted Ned Mitchell of the Corp of Engineers for a workshop on maritime freight flow analysis techniques.
8. Inventions, patent applications, and/or licenses	NA
9. Other products	<ul style="list-style-type: none"> · Databases · Physical collections · Audio or video products · Software or NetWare · Models · Educational aids or curricula · Instruments or equipment · Data & Research Material · Other]

Part III – 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	9/30/2015 - 3/31/2016
1. What organizations have been involved as partners?	<p>Port of New Orleans; In-Kind Support, facilities</p> <p>Collaborative research (e.g., partner’s staff work with project staff on the project) Crescent City Pilots Association, Corp of Engineers, Coast Guard</p> <p>Personnel exchanges (e.g., project staff and/or partner’s staff use each other’s facilities, work at each other’s site).]</p> <p>Arizona State University collaboration studying the impacts of port of commerce truck traffic on local pavement.</p> <p>Visiting Scholar Dr. Jianxin Zhang, Chang’an University</p> <p>Visiting Scholar Dr. Eleonora Morganti, ParisTechAriza</p>
2. Have other collaborators or contacts been involved?	NA

Part IV – 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	9/30/2015 - 3/31/2016
1. What is the impact on the development of the principal discipline(s) of the program?	NA
2. What is the impact on other disciplines?	NA
3. What is the impact on the development of transportation workforce development?	Increased exposure of transportation research topics and career opportunities to both young people and teachers from the New Orleans metropolitan area at the ‘Who Works the River’ event.
4. What is the impact on physical, institutional, and information resources at the university or other partner institutions?	NA
5. What is the impact on technology transfer?	NA
6. What is the impact on	NA

society beyond science and technology?	
7. Additional impacts	NA

Part V – 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	9/30/2015 - 3/31/2016
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	Nothing to Report
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