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

NTC Funded Project Information (Round/Year 1, 2013-2014)	
University Name	University of New Orleans
Project Title	
Principal Investigator	Bethany Stich, Ph.D.
PI Contact Information	388 Milneburg Hall 2000 Lakeshore Drive New Orleans, LA 70148 bstich@uno.edu 504.280.6520

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	URBN 2100 Globalization and Mobility
Graduate courses	
2. Students supported by this grant	N/A
Undergraduate students	
Masters students	
Doctoral students	Kyle Griffith
3. Students participating in transportation research projects funded by this grant (but not supported by this grant)	N/A
Undergraduate students	[Student Name] [Supervisor]
Graduate students	Peter Webb Bethany Stich Nick Puczkowskyj
4. Students supported by this grant who received degrees	N/A
Undergraduate degrees	[Student Name]
Masters degrees	[Student Name]
Doctoral degrees	[Student Name]

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.

2. What was accomplished under these goals?	The research team has analyzed progress made from 2006 to date by the International Maritime Organization (IMO), International Hydrographic Organization (IHO), Corp of Engineers, United States Coast Guard, National Oceanic and Atmospheric Administration, National Weather Service, State DOTs, Radio Technical Commission for the Maritimes (RTCM) and other Maritime Industry Partners. The team met with the Corp of Engineers, NOAA and the Coast Guard to discuss implementation challenges. The team attended a TRB meeting in DC in June and the Harbor Safety Meeting in Philadelphia in August.
3. How have the results been disseminated?	TBD
4. What do you plan to do during the next reporting period to accomplish the goals? (10/1/2014 – 3/31/2015)	The research team will work with the Corp of Engineers, NOAA, the Coast Guard and pilots to develop an implementation strategy for aids to navigation. This will include IHO S-100 standards and SOLAS.

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:	**Stich, B**, "Intermodal Transportation Disruption and Reroute Simulatio Framework: Lesson for Freight Planning", Transportation Research Re 2014. (Y) **Stich, B** & Kyle Griffith**.**, "Federalism and Transportation Finance", *Pu Works, Management & Policy.* Forthcoming, October, 2014. (N) **Stich, B.** & Platt, J., "The Evolution of the Section of Transportation Po Administration" Forthcoming, October, 2014. (N)
2. Books or other non-periodical, one-time publications	
3. Other publications, conference papers and presentations	Traffic & Transportation Club of Greater New Orleans; World Trade Center Transportation Committee (3); National Association of Counties; Innovative Technologies for a Resilient Marine Transportation System
4. Website(s) or other Internet site(s)	www.transportation.uno.edu
5. Technologies or techniques	
6. Outreach activities	Traffic & Transportation Club of Greater New Orleans; World Trade Center Transportation Committee (3); National Association of Counties; Innovative Technologies for a Resilient Marine Transportation System New Orleans Charter Science and Mathematics High School (SciHigh). Lake Area New Tech Career Day Women's Transportation Seminar (WTS), The Power of Connection; Louisiana Center for Women in Government and Business; Marine Industry Day; Boom without Bust Forum; Algiers Point Association/Veolia; Downtown Development District/Urban Land Institute: Forum on Residential Density

	International Transportation Economic Development Conference; The Intersection Between Transportation, Health and Quality of Life.
7. Courses and workshops	
8. Inventions, patent applications, and/or licenses	
9. Other products	K-12 Curriculum is under development for utilization by the Port of New Orleans.

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?	Port of New Orleans; In-Kind Support, facilities
2. Have other collaborators or contacts been involved?	

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?	[Describe how findings, results, techniques that were developed or extended, or other products from the program made an impact or are likely to make an impact on the base of knowledge, theory, and research and/or pedagogical methods in the principal disciplinary field(s) of the program. Summarize using language that an intelligent lay audience can understand (Scientific American style).] [How the field or discipline is defined is not as important as covering the impact the work has had on knowledge and technique. Make the best distinction possible, for example, by using a "field" or "discipline", if appropriate, that corresponds with a single academic department (i.e., physics rather than nuclear physics).]
2. What is the impact on other disciplines?	[Describe how the findings, results, or techniques developed or improved, or other products from the program made an impact or are likely to make an impact on other disciplines.]
3. What is the impact on the development of transportation workforce	[Describe how the program made an impact or is likely to make an impact on transportation workforce development. For example, how has the program:

development?	• Provided opportunities for research and teaching in transportation and related disciplines; • Improved the performance, skills, or attitudes of members of underrepresented groups that will improve their access to or retention in transportation research, teaching, or other related professions; • Developed and disseminated new educational materials or provided scholarships; or provided exposure to transportation, science and technology for practitioners, teachers, young people, or other members of the public?]
4. What is the impact on physical, institutional, and information resources at the university or other partner institutions?	[Describe ways, if any, in which the program made an impact, or is likely to make an impact, on physical, institutional, and information resources that form infrastructure, including: • Physical resources such as facilities, laboratories, or instruments; • Institutional resources (such as establishment or sustenance of societies or organizations); or • Information resources, electronic means for accessing such resources or for scientific communication, or the like.]
5. What is the impact on technology transfer?	[Describe ways in which the program made an impact, or is likely to make an impact, on commercial technology or public use, including: • Transfer of results to entities in government or industry; • Instances where the research has led to the initiation of a start-up company; or • Adoption of new practices.]

6. What is the impact on society beyond science and technology?	[Describe how results from the program made an impact, or are likely to make an impact, beyond the bounds of science, engineering, and the academic world on areas such as: • Improving public knowledge, attitudes, skills, and abilities; • Changing behavior, practices, decision making, policies (including regulatory policies), or social actions; or • Improving social, economic, civic, or environmental conditions]
7. Additional impacts	[NTC encourages to consider identifying program results by outcomes or impacts, as suggested by the examples below. Impacts should be linked to National goals expressed in the Secretary's Strategic Goals.] [Outcomes are broader changes that are expected to result from the products, such as: • Increased understanding and awareness of transportation issues; • Improved body of knowledge; • Improved processes, techniques and skills in addressing transportation issues; • Enlarged pool of trained transportation professionals; • Greater adoption of new technology; • Other impacts. Impacts are the longer-term, fundamental changes intended as a result of your activities, such as: • Safer driver behavior; • Increased travel time reliability; • Increased intermodal transportation operations; • Reduction in carbon and other harmful emissions from transportation sources; • Other impacts.]

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	[If there is nothing significant to report during this reporting period, state "Nothing to Report."] [Describe any changes in approach during the reporting period and reasons for these changes. Remember that significant changes in objectives and scope require prior approval of the OST-R grant administrator.]
2. Actual or anticipated problems or delays and actions or plans to resolve them	[If there is nothing significant to report during this reporting period, state "Nothing to Report."] [Describe problems or delays encountered during the reporting period and actions or plans to resolve them.]
3. Changes that have a significant impact on expenditures	[If there is nothing significant to report during this reporting period, state "Nothing to Report."] [Describe changes during the reporting period that may have a significant impact on expenditures, for example, delays in hiring staff or favorable developments that enable meeting objectives at less cost than anticipated.]

4. Significant changes in use or care of human subjects, vertebrate animals, and/or biohazards	[If there is nothing significant to report during this reporting period, state "Nothing to Report."] [Describe significant deviations, unexpected outcomes, or changes in approved protocols for the use or care of human subjects, vertebrate animals, and/or biohazards during the reporting period. If required, were these changes approved by the applicable institution committee and reported to the agency? Also specify the applicable Institutional Review Board/Institutional Animal Care and Use Committee approval dates.]
5. Change of primary performance site location from that originally proposed	[If there is nothing significant to report during this reporting period, state "Nothing to Report."] [Identify any change to the primary performance site location identified in the proposal, as originally submitted.]