

1-1-2015

Livable Communities UTC - October 1, 2014–September 30, 2015

NCTR

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National Center for Transit Research (NCTR)

Annual Performance Metrics

October 1, 2014 – September 30, 2015

Part 2 – UTC-Specific Indicators

<u>Category</u>	<u>Metrics</u>	<u>Results</u>
Research Capability	<ul style="list-style-type: none"> NCTR papers and research reports published 	4
	<ul style="list-style-type: none"> Presentations of NCTR research results at professional academic and industry association conferences 	12
	<ul style="list-style-type: none"> NCTR reports downloaded from NCTR websites 	<p>NCTR website and ScholarCommons page (host of NCTR’s Journal of Public Transportation) has had approximate 9% growth in pageviews (approximately 125,000) and a 10% increase in unique pageviews (~101,000).</p> <p>Beginning in March 2015, over 400 articles and full text issues of the Journal of Public Transportation were moved to ScholarCommons http://scholarcommons.usf.edu/jpt/ to increase the Journal’s exposure and increase the number of downloads of the articles. From March through September 2015, nearly 16,000 articles have been</p>

		<p>downloaded.</p> <p>The top 10 JPT articles for this period:</p> <ol style="list-style-type: none"> 1. A Worldwide State-of-the-Art Analysis for Bus Rapid Transit: Looking for the Success Formula 2. Citizens or Customers? Transit Agency Approaches to Community Engagement 3. Bike-sharing: History, Impacts, Models of Provision, and Future 4. Factors Influencing Young Peoples' Perceptions of Personal Safety on Public Transport 5. A Scientometric Analysis of Public Transport Research 6. Measuring Passenger Loyalty to Public Transport Modes 7. An Analysis of Commuter Rail Real-Time Information in Boston 8. Effects of Light-Rail Transit on Traffic in a Travel Corridor 9. Use of Statistical Process Control in Bus Fleet Maintenance at SEPTA 10. A Cautionary Tale of Two Streetcars: Little Rock's River Rail and Tampa's TECO Line
	<ul style="list-style-type: none"> • Students participating in NCTR research projects 	19
	<ul style="list-style-type: none"> • NCTR awards and distinctions received 	Elections to committee chair and co-chair committee positions of 27 members of the consortium and additional honors as emeritus, board

		members, and presiding officers of major associations and projects
	<ul style="list-style-type: none"> NCTR citations in other professional papers/media 	17 overall and 2 specific to this UTC (including newspapers, TV, radio and magazines)
	<ul style="list-style-type: none"> Number of patents issued based on NCTR research projects 	<p>One patent was awarded to USF for transportation software development during the reporting period:</p> <p>US Patent # 9,047,384 - System & Method for Automatically Determining Purpose Information for Travel Behavior</p>
	<ul style="list-style-type: none"> Policies/practices changed as a result of NCTR research 	Not available at this time
Leadership	<ul style="list-style-type: none"> Number of national professional committees that our consortium members lead 	<p>27 as follows:</p> <p>TRB Chair- Bus Transit Systems Committee (Hinebaugh)</p> <p>TRB Chair- BRT Conference Planning Subcommittee (Hinebaugh)</p> <p>CUTC-President of the Executive Board (Volinski)</p>

		<p>ITE Chair- Intelligent Traffic Signal Operations Committee (Lin)</p> <p>President- International Chinese Transportation Professional Association (Lin)</p> <p>TRB Presiding Officer, National Transportation Data Requirements & Programs Committee (Polzin)</p> <p>Co-Chair NTI National Transit GIS Conference (Catala)</p> <p>TRB- Moderator for BRT Operations and Issues (Hinebaugh)</p> <p>TRB Co-Chair-Second International Access Management Conference, Shanghai, China 2014 (Williams)</p> <p>TCRP Panel D-13 Guide for Implementing Bus on Shoulder Systems (Hinebaugh)</p> <p>Chair- Kuhmo Nectar Conference- Transportation and Urban Form (Concas)</p> <p>Vice Chair of TRB Public Transportation Group (Hinebaugh)</p> <p>APTA Vice Chair of BRT Task Force (Hinebaugh)</p> <p>TRB Vice Chair- Transit Capacity & Quality of</p>
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		<p>Service Committee (AP015) (Perk)</p> <p>TRB- Co-Chair & Secretary- Environmental Justice in Transportation (ADD50) (Thole)</p> <p>Chair of the University Liaison Committee for the APTA Research and Technology Committee (Volinski)</p> <p>Presiding Officer- National Transportation Data Requirements & Program Committee of TRB (Polzin)</p> <p>Editorial Board for <i>Journal of Public Transportation</i> (Polzin)</p> <p>Editorial Board for <i>Journal of Safety & Security</i> (Chu)</p> <p>Editor, Quarterly Newsletter for <i>Chinese Transportation Professional Assoc.</i> (Lin)</p> <p>Transit Ambassador Emeritus for the Transit Cooperative Research Program (Volinski)</p> <p>Member Emeritus, TDM Committee of TRB (Winters)</p> <p>Secretary, Board of Directors of Transportation Demand Management Institute (Winters)</p> <p>Executive Committee member, Management & Operations/ITS Council of</p>
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		<p>ITE (Lin)</p> <p>APTA – Moderator at Safety Roundabout (Staes)</p> <p>TRB State, Transit, and University Representative (Polzin)</p> <p>ITE Secretary, Transportation Planning Council (Winters)</p>
	<ul style="list-style-type: none"> • Number of significant roles our research faculty play in forums designed to identify transit research needs 	<p>24 as follows:</p> <p>APTA Research & Technology Committee (Volinski) (Staes)</p> <p>NITC National Institute for Transportation & Communities Executive Committee (Volinski)</p> <p>TCRP Research Proposal Screening Committee (Volinski)</p> <p>TRB Committee on Paratransit (AP060) (Volinski)</p> <p>APTA R&T Chair of the University Liaison Subcommittee (Volinski)</p> <p>TRB USDOT Five-Year RD&T Strategic Plan (Polzin)</p>

		<p>TRB ADD50 Environmental Justice in Transportation (Thole)</p> <p>TRB ADD40 Transportation and Sustainability Committee (Mistretta)</p> <p>TRB Transportation and Land Development Committee (ADD30) (Seggerman)</p> <p>TRB Florida Transportation Model Task Force – Freight Committee (Ozkul)</p> <p>ADD20 Social/Economics Committee (Perk)</p> <p>APO20 Emerging & Innovative Public transportation Systems and Technology Committee (Mistretta)</p> <p>TRB- International Association of Travel Behavior Research (Concas)</p> <p>TEAM Florida- Director of Research (Reich)</p> <p>Transportation Management Center (TMC) (Lin)</p> <p>TRB Freight Transportation and Economics & Regulation Committee (Ozkul)</p> <p>TRB Highway Capacity & Quality of Service Performance Measures Committee (Ozkul)</p> <p>TRB Congestion Pricing Committee (Pessaro)</p>
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		<p>TRB Task Force for National Household Travel Survey ABJ45 (Polzin)</p> <p>APTA Policy and Planning (Polzin)</p> <p>APTA Mentor, Early Career Mentor Program for Marco Sandusky of HART (Volinski)</p> <p>TRB Task Force on Transit Safety and Security (Staes)</p> <p>APTA Bus Safety Committee (Staes)</p>
	<ul style="list-style-type: none"> • Number of professional development workshops and conferences for which we develop programs 	<p>8 as follows:</p> <p>TRB BRT Conference Planning Committee (Hinebaugh)</p> <p>Southeast Regional UTC Conference (Volinski and Hinebaugh)</p> <p>RETRC Chair-Research, Education and Training Reauthorization Coalition (Volinski)</p> <p>Transportation Management Center (TMC) Committee (Lin)</p> <p>Co-Chair of Conference Program Committee for ACT (Bond)</p> <p>Co-Chair of USF Sustainable Transportation Subcommittee (Hendricks)</p>

		<p>Co-Chair of GIS in Transit Biannual Conference (Catala)</p> <p>Transportation Safety Institute (TSI) National Peer Review Panel, Instructor's Course on Paratransit Op (Staes)</p>
	<ul style="list-style-type: none"> • Number of presentations and papers published 	15
	<ul style="list-style-type: none"> • Number of research agendas prepared in consultation with the FTA and state DOTs. 	Discussions with FDOT are ongoing
Education and Workforce Development	<ul style="list-style-type: none"> • Number of students who graduate from transportation-related programs and their placement in the industry 	4
	<ul style="list-style-type: none"> • Number of opportunities for students to serve as interns and/or technical assistants to transit agencies within proximity of our consortium members 	Opportunities for student interns are being actively explored.
	<ul style="list-style-type: none"> • Number of students who participate in the public transit courses being delivered through the newly established Transportation Leadership Graduate Certificate Program 	4
	<ul style="list-style-type: none"> • Number of people participating in training programs offered by the consortium, contact hours, and how they have responded to training program customers satisfaction surveys 	<p>USF Statewide Transit Training Program - 352</p> <p>USF Transit Operator Training Program - 2,199</p>

	<ul style="list-style-type: none"> Number of transportation related courses offered that were taught by faculty and/or teaching assistants associated within NCTR consortium 	24
	<ul style="list-style-type: none"> Number of students participating in transportation-related projects funded by the grant 	19
	<ul style="list-style-type: none"> Number of graduate students supported by the grant 	19
	<ul style="list-style-type: none"> Number of students supported by the grant who received degrees 	7
	<ul style="list-style-type: none"> Number of attendees at MOSI Exhibit 	This Exhibit is making good progress - recent developments include the selection of vendors.
Technology Transfer Performance	<ul style="list-style-type: none"> Customer satisfaction levels 	Customer feedback sought when research is completed.
	<ul style="list-style-type: none"> Usage metrics on NCTR and project related websites 	16,000 downloads of Journal of Public Transportation from March through September 2015
	<ul style="list-style-type: none"> Number of NCTR research reports, papers, research-related articles 	4
	<ul style="list-style-type: none"> Number of listserv subscribers, messages delivered 	We host two listserv types: discussion listserv to allow peer-to-peer exchanges and announcement listserv to distribute information from NCTR to interested parties about new research reports, web conferences, etc. See below.

		<ul style="list-style-type: none"> • Transportation demand management (discussion) – 2,534 active subscribers • Bus Rapid Transit (discussion) – 653 • Bus Fleet Maintenance (discussion)- 626 • Journal of Public Transportation (announcement) – 1,907 • Sustainable Transport Indicators (discussion) – 560 • Telework (discussion) - 444 • Parking Management (discussion) – 480 • Rural Transit Assistance Program (discussion) – 145 • Best Workplaces for Commuters (discussion) -221 • Best Workplaces for Commuters champions (discussion)- 154 • Transit safety (discussion) – 99 • Substance Abuse Management (discussion) – 47 • Large Employer Commuter Programs (discussion)- 26 • Rail Maintenance (discussion)- 24 • Fixed Guideway (discussion)- 21
	<ul style="list-style-type: none"> • Cumulative number of citations of articles included in NCTR’s <i>Journal of Public Transportation</i>. 	5,533 citations.

	<ul style="list-style-type: none"> Number of citations in media. 	17 overall and 2 specific to this UTC (including newspapers, TV, radio and magazines)
	<ul style="list-style-type: none"> Cumulative number- of patent disclosures, patents received, licenses issued, jobs created 	<p>One patent was awarded to USF for transportation software development during the reporting period:</p> <p>US Patent # 9,047,384 - System & Method for Automatically Determining Purpose Information for Travel Behavior</p>
	<ul style="list-style-type: none"> Number of YouTube views, Twitter followers, webcast and net-conference attendees 	418
	<ul style="list-style-type: none"> Number of presentations 	19
Collaboration	<ul style="list-style-type: none"> Peer review process 	Continues throughout program
	<ul style="list-style-type: none"> Number of projects using joint faculty from partner institutions 	<p>5 as follows:</p> <p>4 collaborations with other UTCs including a joint project; collaboration with a partner institution;</p>