
NCTR Livable Communities UTC

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National Center for Transit Research (NCTR)
Center for Urban Transportation Research (CUTR) • University of South Florida

Annual Performance Metrics

October 1, 2018 – September 30, 2019

Part 2 – UTC-Specific Indicators

Category	Metrics	Results
Research Capability	▪ NCTR papers and research reports published	6 papers and 5 reports
	▪ Presentations of NCTR research results at professional academic and industry association conferences	22
	▪ NCTR reports downloaded from NCTR websites	NCTR reports have been downloaded 1,897 times.
	▪ Students participating in NCTR research projects	8
	▪ NCTR awards and distinctions received	Elections to committee chair and co-chair committee positions of 44 members of the consortium and additional honors as emeritus, board members, and presiding officers of major associations and projects
	▪ NCTR citations in other professional papers/media	8 articles in print media, 3 blog posts
	▪ Number of patents issued based on NCTR research projects	1 patent awarded - Barbeau, S.J., et al. "System and Method for Transportation Demand Management," U.S. Patent No. 10,121,212 B1, November 6, 2018. http://www.freepatentsonline.com/10121212.pdf

	<ul style="list-style-type: none"> ▪ Policies/practices changed as a result of NCTR research 	Operating practices for safety were changed at multiple transit agencies as a result of National Transit Safety Research and Technical Assistance Center
Leadership	<ul style="list-style-type: none"> ▪ Number of national professional committees that our consortium members lead 	<p>25 as follows:</p> <ul style="list-style-type: none"> ▪ TRB Chair – Operations Section (Bertini) ▪ TRB Chair – Bus Transit Systems Committee (Hinebaugh) ▪ TRB Chair – BRT Conference Planning Subcommittee (Hinebaugh) ▪ Director – Florida Local Technical Assistance Program (Lin) ▪ Vice President, Transportation Demand Management Institute (Winters) ▪ Emeritus Member, TRB Committee on TDM (Winters) ▪ TRB Presiding Officer, National Transportation Data Requirements & Programs Committee (Polzin) ▪ TRB Emeritus Member Access Management Committee (Williams) ▪ TRB – Moderator for BRT Operations and Issues (Hinebaugh) ▪ TRB, Task Force on Transit Safety and Security (AP018T) (Staes) ▪ TCRP Panel D-13 Guide for Implementing Bus on Shoulder Systems (Hinebaugh) ▪ Chair, APTA Bus Safety Committee (Staes) ▪ APTA Vice Chair of BRT Task Force (Hinebaugh) ▪ TRB Vice Chair – Transit Capacity & Quality of Service Committee (AP015) (Perk) ▪ Presiding Officer – National Transportation Data Requirements & Program Committee of TRB (Polzin) ▪ Editorial Board for <i>Journal of Public Transportation</i> (Polzin) ▪ Member Emeritus, TDM Committee of TRB (Winters)

		<ul style="list-style-type: none"> ▪ Emeritus Member, TRB Access Management Committee (Williams) ▪ Co-Editor, Journal of TDM Research (Winters) ▪ Chair – APTA Bus Safety Committee (Staes) ▪ Conference Chair – TRB/APTA Transit Safety and Security conference (Staes) ▪ Vice Chair of TRB Public Transportation Group (Hinebaugh) ▪ Planning Committee Chair, TRB’s National Transit Safety and Security Conference and APTA MidYear Workshop 2020 (Staes) ▪ Chair, Association of Pedestrian and Bicycle Professionals Tampa Bay Region (Bond) ▪ Expert Panel, EV-friendly Workplace Certification Program (Winters)
	<ul style="list-style-type: none"> ▪ Number of significant roles our research faculty play in forums designed to identify transit research needs 	<p>25 as follows:</p> <ul style="list-style-type: none"> ▪ APTA Research & Technology Committee (Barbeau, Staes) ▪ APTA Safety Coordinating Council (Staes) ▪ APTA Rail Safety Committee (Staes) ▪ TRB Session 1558 Selected Topics in Bus Transit Safety, Presiding Officer, January 2019 (Staes) ▪ TRB Session 1683 Selected Topics in Rail Transit Safety, Presiding Officer, January 2019 (Staes) ▪ ACT – Public Policy Committee (Winters) ▪ TDM Certification Task Force, ACT (Winters) ▪ Public Policy Council, Association for Commuter Transportation (Winters) ▪ USF Assistant Director for Technology Transfer, CTEDD (Winters) ▪ Serve as CUTR transportation webcast co-PI (cumulative approximate 150 cumulative webcasts) Winters

		<ul style="list-style-type: none"> ▪ Board of Directors, Southeast Chapter of the Association for Commuter Transportation (Winters) ▪ TRB USDOT Five-Year RD&T Strategic Plan (Polzin) ▪ ITE – Transportation Systems Management & Operations (Lin) ▪ ICTPA – Technical Committee (Lin) ▪ TRB Congestion Pricing Committee (Pessaro) ▪ TRB Task Force for National Household Travel Survey ABJ45 (Polzin) ▪ APTA Policy and Planning (Polzin) ▪ Standing Committee on Transit Management and Performance AP010 (Polzin) ▪ APTA Bus Safety Training Working Group (Staes) ▪ APTA Bus Safety Awards Selection Committee (Staes) ▪ Editorial Board Member, Elsevier Transportation Research Interdisciplinary Perspectives Journal (Staes) ▪ TRB Access Management Outreach Subcommittee (Williams) ▪ Member, TRB Eminent Domain and Land Use Committee (Williams) ▪ Member APA and AICP (Williams) ▪ ITE – Institute of Engineers Women in ITE Task Force (Godfrey)
	<ul style="list-style-type: none"> ▪ Number of professional development workshops and conferences for which we develop programs 	<p>13 as follows:</p> <ul style="list-style-type: none"> ▪ TRB BRT Conference Planning Committee (Hinebaugh) ▪ Transportation Management Center (TMC) Committee (Lin) ▪ Enhancing Cybersecurity in Public Transportation. 2019 FPTA Professional Development Workshop, June 2019 (Barbeau) ▪ Co-Chair of GIS in Transit Biannual Conference (Catala)

		<ul style="list-style-type: none"> ▪ Transportation Safety Institute (TSI) National Peer Review Panel, Instructor’s Course on Paratransit Op (Staes) ▪ Florida Public Transportation Association/CUTR/FDOT Professional Development Workshop (Staes, Gregg) ▪ TRB Transportation Sustainability, ICTPA Workshop on Transportation Advancement – Chair (Lin) ▪ Commuter Choice Certificate Program (Winters) ▪ Social Marketing Training Program (Winters)
	<ul style="list-style-type: none"> ▪ Number of presentations and papers published 	22 presentations and 6 papers
	<ul style="list-style-type: none"> ▪ Number of research agendas prepared in consultation with the FTA and state DOTs. 	USF assisting the Federal Transit Administration on their Strategic Research Plan, UIC working with IDOT on research program
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 	3
	<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 	0
	<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 	2,270 participants for a total of 1,548 contact hours of training. 1,236 participants in Best Workplaces for Commuters.
	<ul style="list-style-type: none"> ▪ Number of transportation related courses offered that were taught by 	19

	faculty and/or teaching assistants associated within NCTR consortium	
	<ul style="list-style-type: none"> ▪ Number of students participating in transportation-related projects funded by the grant 	8
	<ul style="list-style-type: none"> ▪ Number of graduate students supported by the grant 	8
	<ul style="list-style-type: none"> ▪ Number of students supported by the grant who received degrees 	4
	<ul style="list-style-type: none"> ▪ Number of attendees at MOSI Exhibit 	0
Technology Transfer Performance	<ul style="list-style-type: none"> ▪ Customer satisfaction levels 	The reports completed were fully accepted by the sponsoring agency
	<ul style="list-style-type: none"> ▪ Usage metrics on NCTR and project related websites 	NCTR reports have been downloaded 1,897 times. Journal of Public Transportation had a total of 69,806 downloads from 175 countries. Journal of Transportation Demand Management Research had 84 downloads from 17 countries.
	<ul style="list-style-type: none"> ▪ Number of NCTR research reports, papers, research-related articles 	5 reports and 6 papers
	<ul style="list-style-type: none"> ▪ Number of listserv subscribers, messages delivered 	<p>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. A total of 6,236 people subscribe to these various listservs. See below.</p> <ul style="list-style-type: none"> ▪ Transportation demand management (discussion) – 1968 active subscribers ▪ Bus Rapid Transit (discussion) – 630 ▪ Bus Fleet Maintenance (discussion) – 330 ▪ Telework (discussion) – 391 ▪ Parking Management (discussion) – 420 ▪ Transit GIS – 894

		<ul style="list-style-type: none"> ▪ Best Workplaces for Commuters (discussion) – 485 ▪ Best Workplaces for Commuters champions (discussion) – 119 ▪ Florida Operations Network – 318 ▪ Substance Abuse Management (discussion) – 114 ▪ Large Employer Commuter Programs (discussion) – 45 ▪ Fixed Guideway (discussion) – 31 ▪ Florida Transit Planning Network – 318 ▪ Florida Transit Maintenance – 169 ▪ New North Transportation Alliance – 60
	<ul style="list-style-type: none"> ▪ Number of citations in media. 	1 article in print media, 3 blog posts
	<ul style="list-style-type: none"> ▪ Cumulative number of patent disclosures, patents received, licenses issued, jobs created 	1 patent awarded during this reporting period - Barbeau, S.J., et al. "System and Method for Transportation Demand Management," U.S. Patent No. 10,121,212 B1, November 6, 2018. http://www.freepatentsonline.com/10121212.pdf
	<ul style="list-style-type: none"> ▪ Number of YouTube views, Twitter followers, webcast and netconference attendees 	71 Twitter followers, 960 webcast and net-conference participants.
	<ul style="list-style-type: none"> ▪ Number of presentations 	22
	<ul style="list-style-type: none"> ▪ 	
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 	0