

Performance Indicators for University Transportation Centers (UTCs)
Portland State University

Submitted to: U.S. Department of Transportation
Research and Innovative Technology Administration (RITA)

Grant Number: DTRT12-G-UTC15

Project Title: University Transportation Center
National Institute for Transportation and Communities (NITC)

Consortia members: Portland State University (PSU), University of Oregon (UO), Oregon Institute of Technology (OIT), University of Utah (UU)

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Submitting Official: same as above

Submission Date: January 30, 2017

DUNS: 05-222-6800

Recipient Organization: Portland State University
PO Box 751
Portland, OR 97207-0751

Grant Period: January 2, 2012 – January 30, 2017

Reporting Period End Date: December 31, 2016

Report Term: Annual

Signature:



Part I – Program-Wide Indicators

Program-wide Indicators	
<p>1. Number of transportation-related courses offered during the reporting period that were taught by faculty and/or teaching assistants who are associated with the UTC.</p> <ul style="list-style-type: none"> • Undergraduate courses <u>51</u> • Graduate courses <u>25</u> <p>These numbers include the Winter 2016, Spring 2016 and Fall 2016 courses. The NITC National report includes overlap with the Winter and Spring 2016 numbers for PSU, OU, OR Tech and UU.</p>	
<p>2. Number of students participating in transportation research projects funded by this grant</p> <ul style="list-style-type: none"> • Undergraduate students <u>51</u> • Graduate students <u>122</u> 	
<p>3. Number of transportation-related advanced degree programs that utilize grant funds to support graduate students.</p> <ul style="list-style-type: none"> • Master’s Level Programs <u>11</u> • Doctoral Level Programs <u>5</u> 	
<p>4. Number of graduate students supported by this grant</p> <ul style="list-style-type: none"> • Master’s Level Students Supported <u>130</u> • Doctoral Level Students Supported <u>41</u> 	
<p>5. Number of students supported by this grant who received degrees</p> <ul style="list-style-type: none"> • Master’s Level Degrees <u>210</u> • Doctoral Level Degrees <u>23</u> 	
<p>6. Number and total dollar value of research projects selected for funding using UTC grant funds (Federal and/or Recipient Share) that you consider to be applied research and advanced research:</p> <ul style="list-style-type: none"> • Applied research projects & dollar value <u>38 projects, \$ 7,167,187 of UTC\$ and match</u> • Advanced research projects & dollar value <u>7 projects, \$ 1,127,023 UTC\$ and match</u> <p><u>Note: these numbers now include match as required by OST-R as of 9/30/15</u></p>	

Part II – UTC-Specific Indicators

Report here the annual performance metrics that you identified in your application for each category below, include the description of the indicator and the corresponding metric.

In the event that a sub-grantee university participates in more than one UTC, include only the metrics corresponding with your grant.

Category	Measure	Metric																																						
1. Research	Number of transportation faculty and researchers, by discipline and rank	<table border="1"> <thead> <tr> <th colspan="2">By Discipline</th> </tr> </thead> <tbody> <tr><td>Architecture</td><td>3</td></tr> <tr><td>Business Administration</td><td>1</td></tr> <tr><td>Chemistry</td><td>1</td></tr> <tr><td>Computer Science/Systems Engineering</td><td>6</td></tr> <tr><td>Economics</td><td>1</td></tr> <tr><td>Education</td><td>2</td></tr> <tr><td>Geography</td><td>5</td></tr> <tr><td>Industrial Design</td><td>1</td></tr> <tr><td>Mechanical Engineering</td><td>3</td></tr> <tr><td>Planning/Housing</td><td>18</td></tr> <tr><td>Psychology</td><td>3</td></tr> <tr><td>Transportation Engineering</td><td>10</td></tr> <tr><td><i>Total</i></td><td>54</td></tr> <tr> <th colspan="2">By Rank</th> </tr> <tr><td>Researcher/Post Doc</td><td>12</td></tr> <tr><td>Tenured</td><td>31</td></tr> <tr><td>Untenured, tenure track</td><td>11</td></tr> <tr><td><i>Total</i></td><td>54</td></tr> </tbody> </table>	By Discipline		Architecture	3	Business Administration	1	Chemistry	1	Computer Science/Systems Engineering	6	Economics	1	Education	2	Geography	5	Industrial Design	1	Mechanical Engineering	3	Planning/Housing	18	Psychology	3	Transportation Engineering	10	<i>Total</i>	54	By Rank		Researcher/Post Doc	12	Tenured	31	Untenured, tenure track	11	<i>Total</i>	54
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	Number of practitioners who use the results to confirm or change practice	156 of the 208 practitioners surveyed found the final reports useful for making decisions.	
	Number of peer-reviewed articles	40	
	Number of citations in peer-review journals	86	
	Number of faculty/staff who are members of national committees/panels (NCHRP, TCRP, etc.)	Faculty members and students at the four NITC member campuses currently serve on: 33 TRB committees/task forces 11 NCHRP/SHRP2/NCFRP/TCRP panels.	
Leadership	Number of faculty/staff who serve on editorial, policy and other advisory boards	17	
	Number of faculty/staff who have professional certifications (PE, AICP, etc.)	15 faculty/staff hold the following certifications: 2 AICP; 7 PE; 2 EIT; 4 Arch.	
	Number of courses (graduate/undergraduate, by discipline) with: (1) a transportation focus; and (2) transportation elements/modules; and total enrollment in those courses	Total	
		Undergrad Courses-Focus	28
Undergrad Courses-Elements		23	
Undergrad Enrollment-Focus		669	
Undergrad Enrollment-Elements		585	
Grad Courses-Focus		11	
Grad Courses-Elements		14	
Grad Enrollment-Focus		211	
Grad Enrollment-Elements		390	
Total undergrad courses		51	
Total grad courses	25		
Total undergrad enrollment	1464		
Total grad enrollment	391		
Education & Workforce	Number of graduates with transportation degrees.	230 Undergraduate Level Degrees 210 Master's Level Degrees 23 Doctoral Level Degrees <i>Note: This includes all four campuses and all degree programs.</i>	

	Number of graduates in transportation jobs at one, two, and five years after graduation.	98 former NITC graduate research associates have jobs one year after graduation.												
	Number of students who: (1) participate in research (graduate and undergraduate); (2) earn awards and scholarships; (3) attend regional/national transportation conferences; (4) are members in transportation student groups (by program) and (5) hold a transportation-related internship	<table border="1"> <tr> <td>Undergraduate researchers</td> <td>51</td> </tr> <tr> <td>Graduate researchers</td> <td>122</td> </tr> <tr> <td>Awards/Scholarships</td> <td>74</td> </tr> <tr> <td>Attended conferences</td> <td>96</td> </tr> <tr> <td>Members of student groups</td> <td>165</td> </tr> <tr> <td>Transportation internships</td> <td>15</td> </tr> </table>	Undergraduate researchers	51	Graduate researchers	122	Awards/Scholarships	74	Attended conferences	96	Members of student groups	165	Transportation internships	15
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	Number of hours of professional development courses offered (CM, PDH, CEU)	See Technology Transfer												
	Number of events & event participants for workforce attraction	<table border="1"> <tr> <td># of events</td> <td>53</td> </tr> <tr> <td># attendees</td> <td>1075</td> </tr> </table>	# of events	53	# attendees	1075								
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	Usefulness of reports/products downloaded	<p>Of the 208 practitioners surveyed who use NITC research reports to help make decisions about practice:</p> <ul style="list-style-type: none"> • 34% found the reports very useful • 41% found the reports somewhat useful 												
Technology Transfer	Ratio of website visits and traffic generated by social media activity	11%												
	Number of events and event participants for technology transfer and continuing education	<table border="1"> <tr> <td># of events</td> <td>47</td> </tr> <tr> <td># hours of prof. development offered <i>(subset of the total events above)</i></td> <td>111</td> </tr> <tr> <td>Total # attendees</td> <td>2150</td> </tr> </table>	# of events	47	# hours of prof. development offered <i>(subset of the total events above)</i>	111	Total # attendees	2150						
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Number of publications in trade/professional publications (e.g., ITE Journal, Planning, etc.)	3 articles published													

Collaboration	Number of transportation research centers and organizations (e.g., ITE) to whom the Center has an identified liaison	Nonprofit organization	10
		Private industry	10
		Public agency	33
		Research center	12
		<i>Total</i>	65
	Number of projects that are multi-university, multidiscipline or multi-investigator	Of the 46 projects...	
		Multi-university	7
		Multi-disciplinary	18
	Number of unique match partners (by category)		
		Federal Agency	1
Local government		10	
Non-profit/Foundation		7	
Private industry		6	
Regional government		8	
State DOT		2	
State agency		1	
Transit agency		4	
University		10	
<i>Total</i>	49		

1