

**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, 2015

DUNS: 05-222-6800

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

Grant Period: January 2, 2012 – January 31, 2016

Reporting Period End Date: December 31, 2014

Report Term: Annual

Signature:



**Part I – Program-Wide Indicators**

<b>Program-wide Indicators</b>	
<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"> <li>• Undergraduate courses <u>37</u></li> <li>• Graduate courses <u>39</u></li> </ul> <p><small>These numbers include the Winter 2014, Spring 2014 and Fall 2014 courses. The NITC National report includes overlap with the Winter and Spring 2014 numbers for PSU, OU, OR Tech and UU.</small></p>	
<p>2. Number of students participating in transportation research projects funded by this grant</p> <ul style="list-style-type: none"> <li>• Undergraduate students <u>42</u></li> <li>• Graduate students <u>85</u></li> </ul>	
<p>3. Number of transportation-related advanced degree programs that utilize grant funds to support graduate students.</p> <ul style="list-style-type: none"> <li>• Master’s Level Programs <u>11</u></li> <li>• Doctoral Level Programs <u>5</u></li> </ul>	
<p>4. Number of graduate students supported by this grant</p> <ul style="list-style-type: none"> <li>• Master’s Level Students Supported <u>65</u></li> <li>• Doctoral Level Students Supported <u>19</u></li> </ul>	
<p>5. Number of students supported by this grant who received degrees</p> <ul style="list-style-type: none"> <li>• Master’s Level Degrees <u>151</u></li> <li>• Doctoral Level Degrees <u>13</u></li> </ul>	
<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"> <li>• Applied research projects &amp; dollar value <u>37 projects, \$3,409,589 of UTC\$</u></li> <li>• Advanced research projects &amp; dollar value <u>7 projects, \$535,151 of UTC\$</u></li> </ul>	

## 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. <b>Research</b>	Number of transportation faculty and researchers, by discipline and rank	<p><b>By Discipline</b></p> <table border="1"> <tr><td>Architecture</td><td>5</td></tr> <tr><td>Chemistry</td><td>2</td></tr> <tr><td>Computer Science/Systems Engineering</td><td>5</td></tr> <tr><td>Economics</td><td>2</td></tr> <tr><td>Education</td><td>1</td></tr> <tr><td>Electrical Engineering</td><td>2</td></tr> <tr><td>Geography</td><td>5</td></tr> <tr><td>Mechanical Engineering</td><td>2</td></tr> <tr><td>Planning/Housing</td><td>16</td></tr> <tr><td>Psychology</td><td>4</td></tr> <tr><td>Sociology</td><td>1</td></tr> <tr><td>Transportation Engineering</td><td>6</td></tr> <tr><td><i>Total</i></td><td>51</td></tr> </table> <p><b>By Rank</b></p> <table border="1"> <tr><td>Adjunct</td><td>3</td></tr> <tr><td>Researcher/Post Doc</td><td>7</td></tr> <tr><td>Tenured</td><td>24</td></tr> <tr><td>Untenured, tenure track</td><td>17</td></tr> <tr><td><i>Total</i></td><td>51</td></tr> </table>	Architecture	5	Chemistry	2	Computer Science/Systems Engineering	5	Economics	2	Education	1	Electrical Engineering	2	Geography	5	Mechanical Engineering	2	Planning/Housing	16	Psychology	4	Sociology	1	Transportation Engineering	6	<i>Total</i>	51	Adjunct	3	Researcher/Post Doc	7	Tenured	24	Untenured, tenure track	17	<i>Total</i>	51
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	Number of research reports	<p><b>Final Reports</b></p> <table border="1"> <tr><td>General Research</td><td>4</td></tr> <tr><td>Education</td><td>1</td></tr> <tr><td>Technology Transfer</td><td>1</td></tr> <tr><td>Small Starts</td><td>2</td></tr> <tr><td><i>Total</i></td><td>8</td></tr> </table> <p><b>Draft Final Reports</b></p> <table border="1"> <tr><td>General Research</td><td>5</td></tr> <tr><td>Small Starts</td><td>3</td></tr> <tr><td><i>Total</i></td><td>8</td></tr> </table>	General Research	4	Education	1	Technology Transfer	1	Small Starts	2	<i>Total</i>	8	General Research	5	Small Starts	3	<i>Total</i>	8																				
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	Number of practitioners who use the results to confirm or change practice	Will be reported next period.	
	Number of peer-reviewed articles	28	
	Number of citations in peer-review journals	None during this reporting period	
	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: 35 TRB committees/task forces 7 NCHRP/SHRP2/NCFRP/TCRP panels.	
<b>Leadership</b>	Number of faculty/staff who serve on editorial, policy and other advisory boards	30	
	Number of faculty/staff who have professional certifications (PE, AICP, etc.)	16 faculty/staff hold the following certifications: 2 AICP; 1 IAPT2; 1 FAICP; 7 PE; 1 EIT; 5Arch.	
	Number of courses (graduate/undergraduate, by discipline) with: (1) a transportation focus; and (2) transportation elements/modules; and total enrollment in those courses	<b>Total</b>	
		Undergrad Courses-Focus	23
Undergrad Courses-Elements		33	
Undergrad Enrollment-Focus		571	
Undergrad Enrollment-Elements		1298	
Grad Courses-Focus		28	
Grad Courses-Elements		14	
Grad Enrollment-Focus		326	
Grad Enrollment-Elements		334	
Total undergrad courses		56	
Total grad courses	42		
Total undergrad enrollment	1,869		
Total grad enrollment	660		
<b>Education &amp; Workforce</b>	Number of graduates with transportation degrees.	199 Undergraduate Level Degrees 151 Master's Level Degrees 13 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.	7 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>1</td></tr> <tr><td>Graduate researchers</td><td>26</td></tr> <tr><td>Awards/Scholarships</td><td>39</td></tr> <tr><td>Attended conferences</td><td>80</td></tr> <tr><td>Members of student groups</td><td>146</td></tr> <tr><td>Transportation internships</td><td>37</td></tr> </table>	Undergraduate researchers	1	Graduate researchers	26	Awards/Scholarships	39	Attended conferences	80	Members of student groups	146	Transportation internships	37
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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>31</td></tr> <tr><td># attendees</td><td>893</td></tr> </table>	# of events	31	# attendees	893								
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	Usefulness of reports/products downloaded	Will be reported next period												
<b>Technology Transfer</b>	Ratio of website visits and traffic generated by social media activity	12%												
	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. devt. offered <i>(subset of the total events above)</i></td><td>105.5</td></tr> <tr><td># attendees</td><td>2190</td></tr> </table>	# of events	47	# hours of prof. devt. offered <i>(subset of the total events above)</i>	105.5	# attendees	2190						
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Number of publications in trade/professional publications (e.g., ITE Journal, Planning, etc.)	None during this reporting period													

<b>Collaboration</b>	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>	64
	Number of projects that are multi-university, multidiscipline or multi-investigator	Of the 44 projects...	
		Multi-university	7
		Multi-disciplinary	18
	Number of unique match partners (by category)	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>		48	