

## Part II UTC Specific Indicators

### Portland State University

Submitted to: U.S. Department of Transportation  
Office of the Assistant Secretary for Research and Technology  
(OST-R)

Grant Number: 69A3551747112

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

*Consortia members: Portland State University (PSU), Oregon Institute of Technology (Oregon Tech), University of Arizona (UA), University of Oregon (UO), University of Texas at Arlington (UTA), University of Utah (UU)*

Program Director: Jennifer Dill, Ph.D.  
Professor  
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503-725-2855

Submitting Official: same as above

Submission Date: October 30, 2019

DUNS: 05-222-6800

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

Grant Period: November 30, 2016 – September 30, 2022

Reporting Period End Date: September 30, 2019

Report Term: Annual

Signature:



## 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.

UTC-Specific Indicators		
UTC Name:	National Institute for Transportation and Communities (NITC)	
University:	Portland State University	
Grant #:	69A3551747112	
Reporting Period:	October 1, 2018 – September 30, 2019	
Category	Description of Indicator	Metric
1. Research	Number of transportation faculty and researchers, by discipline and rank	<b>By Discipline</b>
		Architecture 5
		Business management 2
		Chemistry 1
		Communications 2
		Computer Sciences/System Engineering 5
		Criminal Justice 1
		Economics 4
		Education 2
		Electrical Engineering 2
		Electrical Engineering & Renewable Energy 4
		Geography 7
		Geomatics 4
		Industrial Design 2
		Industrial Engineering 2
		Journalism 1
		Land Use Planning 1
		Law 1
		Literature 1
		Marketing 1
Mechanical Engineering 1		
Mechanical/Aerospace Engineering 1		
Other Engineering 2		
Planning/Housing 38		
Planning/Public Health 1		

		<table border="1"> <tbody> <tr> <td>Psychology</td> <td>6</td> </tr> <tr> <td>Public Affairs/Administration</td> <td>2</td> </tr> <tr> <td>Public Health</td> <td>2</td> </tr> <tr> <td>Regional Science</td> <td>1</td> </tr> <tr> <td>Social Work</td> <td>4</td> </tr> <tr> <td>Sociology</td> <td>5</td> </tr> <tr> <td>Sustainable Built Environments</td> <td>1</td> </tr> <tr> <td>Systems Engineering</td> <td>2</td> </tr> <tr> <td>Transportation/Civil Engineering</td> <td>27</td> </tr> <tr> <td><b>Grand Total</b></td> <td><b>142</b></td> </tr> </tbody> </table>	Psychology	6	Public Affairs/Administration	2	Public Health	2	Regional Science	1	Social Work	4	Sociology	5	Sustainable Built Environments	1	Systems Engineering	2	Transportation/Civil Engineering	27	<b>Grand Total</b>	<b>142</b>
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	Number of practitioners who deploy research findings to confirm or change practice	4																				
	Usefulness of NITC reports	108 people (57% of respondents) indicated that the report was very useful. Another 62 respondents (32%) indicated that the report was somewhat useful for their intended purpose.																				
	Number of peer-reviewed articles	18																				
	Number of citations in peer-review journals	3																				
<b>2. Leadership</b>	Number of faculty/staff/students who are members of national committees/panels (NCHRP, TCRP, etc.)	57																				
	Number of faculty/staff who serve on editorial, policy and other advisory boards	56																				
	Number of faculty/staff who have professional certifications (PE, AICP, etc.)	32																				

	Number of courses (graduate/undergraduate, by discipline) with: (1) a transportation focus; and (2) transportation elements; and total enrollment in those courses	<table border="1"> <tr><td>Undergrad Courses-Focus</td><td>59</td></tr> <tr><td>Undergrad Courses-Elements</td><td>55</td></tr> <tr><td>Undergrad Enrollment-Focus</td><td>1,121</td></tr> <tr><td>Undergrad Enrollment-Elements</td><td>2,003</td></tr> <tr><td>Grad Courses-Focus</td><td>47</td></tr> <tr><td>Grad Courses-Elements</td><td>26</td></tr> <tr><td>Grad Enrollment-Focus</td><td>537</td></tr> <tr><td>Grad Enrollment-Elements</td><td>258</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>Total undergrad courses</td><td>114</td></tr> <tr><td>Total grad courses</td><td>73</td></tr> <tr><td>Total undergrad enrollment</td><td>3,124</td></tr> <tr><td>Total grad enrollment</td><td>795</td></tr> </table>	Undergrad Courses-Focus	59	Undergrad Courses-Elements	55	Undergrad Enrollment-Focus	1,121	Undergrad Enrollment-Elements	2,003	Grad Courses-Focus	47	Grad Courses-Elements	26	Grad Enrollment-Focus	537	Grad Enrollment-Elements	258	<hr/>		Total undergrad courses	114	Total grad courses	73	Total undergrad enrollment	3,124	Total grad enrollment	795
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<b>3. Education &amp; Workforce</b>	Number of graduates with transportation degrees.	<table border="1"> <tr><td>Undergraduate Level Degrees</td><td>375</td></tr> <tr><td>Masters Level Degrees</td><td>240</td></tr> <tr><td>Doctoral Level Degrees</td><td>20</td></tr> <tr><td><i>Total</i></td><td><i>634</i></td></tr> </table>	Undergraduate Level Degrees	375	Masters Level Degrees	240	Doctoral Level Degrees	20	<i>Total</i>	<i>634</i>																		
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Number of graduates with (1) transportation degrees' and (2) transportation jobs at one, two, and five years after graduation.	<table border="1"> <thead> <tr> <th rowspan="2">Degree awarded</th> <th colspan="3">Transportation job @</th> </tr> <tr> <th>Year 1</th> <th>Year 2</th> <th>Year 5</th> </tr> </thead> <tbody> <tr> <td>Undergraduate</td> <td>8</td> <td>18</td> <td>13</td> </tr> <tr> <td>Graduate</td> <td>3</td> <td>5</td> <td>3</td> </tr> <tr> <td><b>Total</b></td> <td><b>11</b></td> <td><b>23</b></td> <td><b>16</b></td> </tr> </tbody> </table>	Degree awarded	Transportation job @			Year 1	Year 2	Year 5	Undergraduate	8	18	13	Graduate	3	5	3	<b>Total</b>	<b>11</b>	<b>23</b>	<b>16</b>								
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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>1. Undergraduate researchers</td><td>44</td></tr> <tr><td>Graduate researchers</td><td>193</td></tr> <tr><td>2. Awards/Scholarships</td><td>58</td></tr> <tr><td>3. Attended conferences</td><td>94</td></tr> <tr><td>4. Members of student groups</td><td>236</td></tr> <tr><td>5. Transportation internships</td><td>10</td></tr> </table>	1. Undergraduate researchers	44	Graduate researchers	193	2. Awards/Scholarships	58	3. Attended conferences	94	4. Members of student groups	236	5. Transportation internships	10															
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Number of events & event participants of workforce attraction	<table border="1"> <tr><td># of events</td><td>190</td></tr> <tr><td># attendees</td><td>8,646</td></tr> </table>	# of events	190	# attendees	8,646																							
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	Number of hours of professional development (CM, PDH, CEU) events and number of participants (1) for workforce attraction (including diversity focus); (2) for technology transfer; (3) for continuing education	<table border="1"> <tbody> <tr> <td># of events</td> <td>106</td> </tr> <tr> <td># hours of prof. develop. offered (subset of the total events above)</td> <td>415</td> </tr> <tr> <td># attendees</td> <td>5,878</td> </tr> </tbody> </table>	# of events	106	# hours of prof. develop. offered (subset of the total events above)	415	# attendees	5,878
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<b>4. Technology Transfer</b>	Number of visitors to NITC website (increase since previous reporting period)	13,040 (+9.6%)						
	Number of presentations at conferences	39						
	Number of unique academic disciplines represented in funding proposals, funding awards, and student group membership	25						
<b>5. Collaboration</b>	Number of projects that are multi-university, multidiscipline or multi-investigator	Of the <b>50</b> projects...						
		Multi-university	19					
		Multi-disciplinary	24					
		Multi-investigator	36					
	Number of unique match partners (by category)	Of the <b>50</b> projects...						
		Local government	13					
		Non-profit/Foundation	13					
		Private industry	8					
		Regional government	10					
		State DOT	5					
		Transit agency	3					
		University	10					
<i>Total unique match partners</i>	<i>62</i>							