

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
Director, Transportation Research and Education Center at PSU
jdill@pdx.edu
503-725-2855

Submitting Official: same as above

Submission Date: October 30, 2020

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, 2020

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, 2019 – September 30, 2020	
Category	Description of Indicator	Metric
1. Research	Number of transportation faculty and researchers, by discipline and rank	By Discipline
		Architecture 5
		Business management 1
		Chemistry 1
		Communications 2
		Computer Sciences/System Engineering 5
		Criminal Justice 1
		Economics 3
		Electrical Engineering 1
		Electrical Engineering & Renewable Energy 6
		English 1
		Geography 4
		Geomatics 4
		Industrial Design 2
		Industrial Engineering 3
		Journalism 4
		Land Use Planning 1
		Law 1
		Marketing 1
		Mechanical Engineering 1
Mechanical/Aerospace Engineering 1		
Other Engineering 2		
Planning/Housing 20		
Planning/Public Health 16		
Psychology 4		

		Public Affairs/Administration	2
		Public Health	2
		Regional Science	1
		Social Work	6
		Sociology	1
		Sustainable Built Environments	1
		Systems Engineering	2
		Transportation/Civil Engineering	28
		Grand Total	133
		By Rank	
		Adjunct	8
		Researcher/Post Doc	17
		Tenured	64
		Untenured, tenure track	44
		Total	133
	Number of practitioners who deploy research findings to confirm or change practice		7
	Usefulness of NITC reports	160 people (45% of respondents) indicated that the report was very useful. Another 170 respondents (47%) indicated that the report was somewhat useful for their intended purpose.	
	Number of peer-reviewed articles		13
	Number of citations of peer-review journal articles		73
2. Leadership	Number of faculty/staff/students who are members of national committees/panels (NCHRP, TCRP, etc.)		54
	Number of faculty/staff who serve on editorial, policy and other advisory boards		50
	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>62</td></tr> <tr><td>Undergrad Courses-Elements</td><td>52</td></tr> <tr><td>Undergrad Enrollment-Focus</td><td>1,125</td></tr> <tr><td>Undergrad Enrollment-Elements</td><td>1,865</td></tr> <tr><td>Grad Courses-Focus</td><td>52</td></tr> <tr><td>Grad Courses-Elements</td><td>21</td></tr> <tr><td>Grad Enrollment-Focus</td><td>430</td></tr> <tr><td>Grad Enrollment-Elements</td><td>260</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>2,990</td></tr> <tr><td>Total grad enrollment</td><td>690</td></tr> </table>	Undergrad Courses-Focus	62	Undergrad Courses-Elements	52	Undergrad Enrollment-Focus	1,125	Undergrad Enrollment-Elements	1,865	Grad Courses-Focus	52	Grad Courses-Elements	21	Grad Enrollment-Focus	430	Grad Enrollment-Elements	260	Total undergrad courses	114	Total grad courses	73	Total undergrad enrollment	2,990	Total grad enrollment	690
Undergrad Courses-Focus	62																									
Undergrad Courses-Elements	52																									
Undergrad Enrollment-Focus	1,125																									
Undergrad Enrollment-Elements	1,865																									
Grad Courses-Focus	52																									
Grad Courses-Elements	21																									
Grad Enrollment-Focus	430																									
Grad Enrollment-Elements	260																									
Total undergrad courses	114																									
Total grad courses	73																									
Total undergrad enrollment	2,990																									
Total grad enrollment	690																									
3. Education & Workforce	Number of graduates with transportation degrees.	<table border="1"> <tr><td>Undergraduate Level Degrees</td><td>608</td></tr> <tr><td>Masters Level Degrees</td><td>287</td></tr> <tr><td>Doctoral Level Degrees</td><td>30</td></tr> <tr><td><i>Total</i></td><td><i>925</i></td></tr> </table>	Undergraduate Level Degrees	608	Masters Level Degrees	287	Doctoral Level Degrees	30	<i>Total</i>	<i>925</i>																
	Undergraduate Level Degrees	608																								
	Masters Level Degrees	287																								
Doctoral Level Degrees	30																									
<i>Total</i>	<i>925</i>																									
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>10</td> <td>19</td> <td>39</td> </tr> <tr> <td>Graduate</td> <td>17</td> <td>21</td> <td>52</td> </tr> <tr> <td>Total</td> <td>27</td> <td>40</td> <td>91</td> </tr> </tbody> </table>	Degree awarded	Transportation job @			Year 1	Year 2	Year 5	Undergraduate	10	19	39	Graduate	17	21	52	Total	27	40	91						
Degree awarded	Transportation job @																									
	Year 1	Year 2	Year 5																							
Undergraduate	10	19	39																							
Graduate	17	21	52																							
Total	27	40	91																							
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>19</td></tr> <tr><td>Graduate researchers</td><td>106</td></tr> <tr><td>2. Awards/Scholarships</td><td>88</td></tr> <tr><td>3. Attended conferences</td><td>100</td></tr> <tr><td>4. Members of student groups</td><td>260</td></tr> <tr><td>5. Transportation internships</td><td>12</td></tr> </table>	1. Undergraduate researchers	19	Graduate researchers	106	2. Awards/Scholarships	88	3. Attended conferences	100	4. Members of student groups	260	5. Transportation internships	12													
1. Undergraduate researchers	19																									
Graduate researchers	106																									
2. Awards/Scholarships	88																									
3. Attended conferences	100																									
4. Members of student groups	260																									
5. Transportation internships	12																									
Number of events & event participants of workforce attraction	<table border="1"> <tr><td># of events</td><td>31</td></tr> <tr><td># attendees</td><td>3,455</td></tr> </table>	# of events	31	# attendees	3,455																					
# of events	31																									
# attendees	3,455																									

	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"> <tr> <td># of events</td> <td>28</td> </tr> <tr> <td># hours of prof. develop. offered (subset of the total events above)</td> <td>28</td> </tr> <tr> <td># attendees</td> <td>3,232</td> </tr> </table>	# of events	28	# hours of prof. develop. offered (subset of the total events above)	28	# attendees	3,232
# of events	28							
# hours of prof. develop. offered (subset of the total events above)	28							
# attendees	3,232							
4. Technology Transfer	Number of visitors to NITC website (increase since previous reporting period)	21,927 (+11.5% increase; previous report erroneously stated number for only six months)						
	Number of presentations at conferences	35						
	Number of unique academic disciplines represented in funding proposals, funding awards, and student group membership	25						
5. Collaboration	Number of projects that are multi-university, multidiscipline or multi-investigator	Of the 65 projects...						
		Multi-university	22					
		Multi-disciplinary	30					
		Multi-investigator	50					
	Number of unique match partners (by category)	Of the 65 projects...						
		Local government	18					
		Non-profit/Foundation	26					
		Private industry	8					
		Regional government	14					
		State DOT	6					
		Transit agency	3					
		University	10					
<i>Total unique match partners</i>	85							