

Annual Performance Indicators

For University Transportation Centers

Prepared for the USDOT

Office of the Assistant Secretary for Research and Technology

Project title: Pacific Northwest Transportation Consortium (PacTrans): Developing Data Driven Solutions and Decision-Making for Safe Transport in the Pacific Northwest

Sponsor Award Number: Grant No. DTRT13-G-UTC40

Program Director:

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Organization Name:

University of Washington Pacific Northwest Transportation Consortium (PacTrans) University of Washington Civil and Environmental Engineering Department More Hall 112 Seattle, WA 98195 **Submission Date**: Oct 30, 2017 **DUNS**: 605799469 **EIN:** 91-6001537 Performance Indicators for the period 10/1/2016 – 9/30/2017

Project/Grant Period: June 30, 2014- September 30, 2018

Annual Performance Indicators - Part I: Program-wide Indicators (10/1/2016 – 9/30/2017)

Question	Total	uw	WSU	UI	OSU	UAF
1. Number of transportation-related						
courses offered during the reporting						
period that were taught by faculty						
and/or teaching assistants who are						
associated with UTC.						
Undergraduate Courses	85	24	20	15	12	14
Graduate Courses	98	49	18	10	19	2
2. Number of students participating						
in transportation research projects						
funded by this grant						
Undergraduate Students	66	16	23	15	7	5
Graduate Students	98	53	10	18	17	0
3. Number of transportation-related						
advanced degree programs that						
utilize grant funds to support graduate students						
Master's Level Programs	25	0				1
	_	9	5	5	5	1
Doctoral Level Programs 4. Number of graduate students	19	9	1	3	5	1
supported by this grant						
Master's Level Students	68	37	8	11	12	0
Doctoral Level Students	39	-	° 7	5		
	39	20	/	5	7	0
5. Number of students supported by						
this grant who received degrees						
Master's Level Degrees	45	36	0	6	3	0
Doctoral Level Degrees	5	1	1	1	2	0
6. Number of 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:						
	10	2		2	Δ	0
Advanced Projects Advanced Dollar Amount	13	2	5	2	4	0
	\$1,333,000	\$180,000	\$560000	\$258000	\$335000	\$0
Applied Projects	64	12	12	14	16	10
Applied Dollar Amount	\$7,766,512	\$1,987,446	\$1,052,000	\$1,364,000	\$1,829,368	\$1,533,698

Category	Description of Indicator	PacTrans Total	UW	wsu	UI	OSU	UAF
1. Research Capability: PacTrans	1a. # of presentations at conferences on UTC findings	101	57	3	11	24	6
will measure the effectiveness of our research activities by the number of conference	1b. # of peer-reviewed publications submitted based on outcomes of the UTC funded projects	75	33	11	11	19	1
presentations and publications, as well as by the type and amount of external support for research.	<pre>1c. # of peer-reviewed publications accepted/published</pre>	323	139	19	43	103	19
Category	Description of Indicator						
2. Leadership: PacTrans will measure leadership success by the number of peer-reviewed articles published, the number of students we have mentored that are in the transportation workforce in various private and public sectors, and the number of conferences and transportation meetings in which we have disseminated knowledge.	2a. Attendance at summits, conferences, seminars, workshops	480	252	16	47	130	35
	2b. # of peer-reviewed conference papers	171	58	4	35	57	17
	2c. # of peer-reviewed archival journal publications	292	128	18	35	92	19
	2d. # of TRB committees membership and leadership roles	49	15	10	10	11	3
	2e. Other leadership in transportation organizations (editorial boards, expert panels)	79	38	7	11	21	2

Arrow of the product of the								
If from consortium universities66/52/4411624/733b. # of continuing education credits awarded in transportation-related national workshops and conferences387612290147250003. Education and Workforce Development: PacTrans will measure education and workforce development success by the number of students involved in transportation education, research and in the transportation workforce upon graduation.38. # of students working in internships or co-op learning opportunities531847713e. # of students working in internships transportation courses531847713e. # of students working in internships transportation workforce upon graduation.5455318346503e. # of students employed in public or private sector transportation jobs upon their graduation159625233533g. # of transportation-related advanced degree programs that utilize grant funds to support graduate students at the masters level2193355 <t< th=""><th>Category</th><th>Description of Indicator</th><th></th><th>UW</th><th>wsu</th><th>UI</th><th>OSU</th><th>UAF</th></t<>	Category	Description of Indicator		UW	wsu	UI	OSU	UAF
awarded in transportation-related topics from consortium universities 3876 1229 0 147 2500 0 3. Education and Workfore Development: PacTrans will measure education and workfore development success by the number of students involved in transportation education, research and in the transportation workfore upon graduation. 3.4 4.4 7.7 7.7 1.5 3.4 4.7 5.4 3.6 4.7 7.7 1.5 3.8 4.9 1205 2.5 3.4 4.7 5.4 5.4 3.8 4.9 1205 2.5 2.3 3.5 3.5 3.6 4.7 7.7 1.5 2.5 5.4 5.4 5.4 5.4 5.6 5.2 3.5 3.5 5.5 $5.$			675	274	4	116	247	34
3. Education and Workforce Development: PacTrans will measure education and workforce development success by the number of students involved in transportation education, research and in the transportation workforce upon graduation.3.4 of students working in internships or co-op learning opportunities5318447713. # of students working in internships transportation courses3.1 * of students enrolled in transportation courses2915819380490120523. # of students employed in public or private sector transportation jobs upon graduation.159625233533. # of transportation-related advanced degree programs that utilize grant funds to support graduate students at the masters level 2193355554. Technology Transfer: PacTrans will measure technology transfer success by the scope and research thorugh outreach activates, publications and social media.101001001001001001004. Technology Transfer: PacTrans will measure technology transfer success by the scope and research thorugh outreach activaties, publications and social media.1001001001001001001004. Technology Transfer: PacTrans will measure technology transfer success by the scope and research thorugh outreach activaties, publications and social media.1001001001001001001001004. Technology Transfer: PacTrans will measure technology transfer success by the scope and r		awarded in transportation-related	3876	1229	0	147	2500	0
Development: PacTrans will measure education and workforce development success by the number of students involved in transportation education, research and in the involved in transportation courses531847713e. # of students enrolled in transportation courses2915819380490120523f. # of students employed in public or private sector transportation jobs upon graduation.3f. # of students employed in public or private sector transportation jobs upon private sector transportation jobs upon graduation.159625233533g. # of transportation-related advanced degree programs that utilize grant funds to support graduate students at the masters level21933535. # Of transportation-related advanced degree programs that utilize grant funds to support graduate students at the doctoral level21933536. CategoryDescription of IndicatorPacTrans to support graduate students at the doctoral level10933534. Technology Transfer: PacTrans will measure technology rransfer success by the scope and preser th of dissemination of or research through outreach activities, publications and social media.4000004. Technology Transfer: PacTrans will measure technology research through outreach activities, publications and social media.400004. Conduct surveys of the transportation conference regarding their use of PacTrans studies <br< td=""><td></td><td></td><td>632</td><td>509</td><td>15</td><td>43</td><td>65</td><td>0</td></br<>			632	509	15	43	65	0
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advanced degree programs that utilize grant funds to support graduate students at the doctoral level2193353CategoryDescription of IndicatorPacTrans TotalUWWSUUIOSUU/4. Technology Transfer: PacTrans will measure technology transfer success by the scope and breadth of dissemination of our research through outreach activities, publications and social4c. Conduct surveys of the transportation conference attendees regarding their use of PacTrans studies (and other sponsored work)51515252526262	graduation.	advanced degree programs that utilize grant funds to support graduate	25	9	5	5	5	1
CategoryDescription of IndicatorTotalUWWSUUIOSUU/4a. Link the PacTrans website so that user preferences and actions with the website can be tracked4a. Link the PacTrans website so that user preferences and actions with the website can be tracked✓Linked.✓II <td>advanced degree programs that utilize grant funds to support graduate</td> <td>21</td> <td>9</td> <td>3</td> <td>3</td> <td>5</td> <td>1</td>		advanced degree programs that utilize grant funds to support graduate	21	9	3	3	5	1
CategoryDescription of IndicatorTotalUWWSUUIOSUOXTotal4a. Link the PacTrans website so that user preferences and actions with the website can be tracked-Linked.III <tdi< td="">III</tdi<>								
4. Technology Transfer: PacTrans will measure technology transfer success by the scope and breadth of dissemination of our research through outreach activities, publications and social media.user preferences and actions with the website can be trackedtotal: 251 academic: 166 public: 46 private: 39total: 251 academic: academic: 166 public: 46 private: 39total: 251 academic: <br< td=""><td>Category</td><td>Description of Indicator</td><td></td><td>UW</td><td>wsu</td><td>UI</td><td>OSU</td><td>UAF</td></br<>	Category	Description of Indicator		UW	wsu	UI	OSU	UAF
4. Technology Transfer: PacTrans will measure technology transfer success by the scope and breadth of dissemination of our research through outreach activities, publications and social media.4b. Report on attendance – by type of employer – at the annual transportation conferenceacademic: 166 public: 46 39academic: 166 public: 46 39academic: 166 public: 46 private: 39academic: 166 public: 46 private: 39academic: 166 public: 46 private: 39academic: 166 public: 46 private: 39academic: 166 public: 46 private: 39academic: 166 public: 46 private: 39academic: tacademic: 166 public: 46 private: 39academic: tacademic: 166 public: 46 private: 39academic: tacademic: tacademic: 166 public: 46 private: 39academic: tacademic: tacademic: tacademic: tacademic: tacademic: tacademic: academic:<		user preferences and actions with the	✓ Linked.					
activities, publications and social media.transportation conference attendees regarding their use of PacTrans studies (and other sponsored work)Following Oct. 2016 annual conference PacTrans research products have attracted serious interest4d. Track the # of peer-reviewed articles and research reports submitted19298725620	PacTrans will measure technology transfer success by the scope and breadth of dissemination of our research through outreach activities, publications and social	employer – at the annual	academic: 166 public: 46 private:					
articles and research reports submitted 192 98 7 25 62 0		transportation conference attendees regarding their use of PacTrans studies	Following Oct. 2016 annual conference PacTrans research products have attracted serious interest.					
			192	98	7	25	62	0
4e. Track the # of patent filings 0		4e. Track the # of patent filings	0	0	0	0	0	0

4f. # of other social media recordings (e.g. Twitter followers)	187				
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Category	Description of Indicator	PacTrans Total	UW	wsu	UI	OSU	UAF
5: Collaboration: PacTrans will measure collaboration success by the number, types and products/results of partnerships.	5a. # of papers published from research collaborations	86	38	1	14	33	0
	5b. # of conference presentations made from collaborative efforts	52	18	0	9	24	1
	5c. Participants from universities, public agencies, and private firms at the regional transportation summit	251					
	5d. # of collaborative training programs established	0	0	0	0	0	0
	5e. # of student interns in these collaborative programs	19	17	2	0	0	0