



# 2016 Annual Performance Indicators For University Transportation Centers

Prepared for the USDOT Office of the Assistant Secretary for Research and  
Technology (OST-R)

Project title: **Pacific Northwest Transportation Consortium (PacTrans): Using Advanced Technologies to Develop Data-driven, Sustainable Solutions for the Diverse Transportation Needs of the Pacific Northwest**

RITA Sponsor Award Number: DTRT12-G-UTC10

Program Director:

Yinhai Wang, PhD  
Professor and Director  
E-mail: [yinhai@uw.edu](mailto:yinhai@uw.edu)  
Tel: 206.616.2696

Submitting Official:

Cole Kopca  
Assistant Director  
E-mail: [ckopca@uw.edu](mailto:ckopca@uw.edu)  
Tel: 206.685.6648

Original Submission Date: September 30, 2016

January 1, 2016 – June 30, 2016

**Annual Performance Indicators - Part I: Program-wide Indicators** (January – June 2016 reporting period)

<b>Question</b>	<b>PacTrans Total</b>	<b>UW</b>	<b>WSU</b>	<b>UI</b>	<b>OSU</b>	<b>UAF</b>
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	<b>32</b>	11	2	9	7	3
Graduate Courses	<b>38</b>	22	3	4	8	1
2. Number of students participating in transportation research projects funded by this grant						
Undergraduate Students	<b>70</b>	9	10	13	37	1
Graduate Students	<b>124</b>	58	14	8	44	0
3. Number of transportation-related advanced degree programs that utilize grant funds to support graduate students						
Master's Level Programs	<b>20</b>	9	1	6	4	0
Doctoral Level Programs	<b>17</b>	9	1	3	4	0
4. Number of graduate students supported by this grant						
Master's Level Students Supported	<b>84</b>	27	8	14	34	1
Doctoral Level Students Supported	<b>59</b>	12	6	5	35	1
5. Number of students supported by this grant who received degrees						
Master's Level Degrees	<b>101</b>	52	8	3	37	1
Doctoral Level Degrees	<b>10</b>	0	6	0	4	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:						
Applied research projects and dollar value						No new projects selected in 2015
Advanced research projects and dollar value						No new projects selected in 2015

**Annual Performance Indicators - Part II: UTC-Specific Indicators (January – June 2016 reporting period)**

<b>Category</b>	<b>Description of Indicator</b>	<b>PacTrans Total</b>	<b>UW</b>	<b>WSU</b>	<b>UI</b>	<b>OSU</b>	<b>UAF</b>
<b>1. Research Capability:</b> PacTrans will measure the effectiveness of our research activities by the number of conference presentations and publications, as well as by the type and amount of external support for research.	1a. # of presentations at conferences on UTC findings	<b>140</b>	78	3	14	42	3
	1b. # of peer-reviewed publications submitted based on outcomes of the UTC funded projects	<b>70</b>	12	13	8	35	2
	1c. # of peer-reviewed publications accepted/published	<b>134</b>	70	11	11	41	1
<b>Category</b>	<b>Description of Indicator</b>	<b>PacTrans Total</b>	<b>UW</b>	<b>WSU</b>	<b>UI</b>	<b>OSU</b>	<b>UAF</b>
<b>2. Leadership:</b> 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	<b>140</b>	53	11	28	36	12
	2b. # of peer-reviewed conference papers	<b>71</b>	21	8	13	26	3
	2c. # of peer-reviewed archival journal publications	<b>136</b>	70	11	11	41	3
	2d. # of TRB committees membership and leadership roles	<b>58</b>	18	11	10	15	4
	2e. Other leadership in transportation organizations (editorial boards, expert panels)	<b>82</b>	31	6	12	22	11

Category	Description of Indicator	PacTrans Total	UW	WSU	UI	OSU	UAF
<b>3. Education and Workforce Development:</b> 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.	3a. # of students receiving degrees from consortium universities	439	159	64	26	170	20
	3b. # of continuing education credits awarded in transportation-related topics from consortium universities	1367	236	5	12	1114	0
	3c. # of students attending regional and national workshops and conferences	120	35	9	15	55	6
	3d. # of students working in internships or co-op learning opportunities	240	225	0	7	6	2
	3e. # of students enrolled in transportation courses	2651	1327	140	39	1122	23
	3f. # of students employed in public or private sector transportation jobs upon their graduation	147	30	2	15	85	15
	3g. # of transportation-related advanced degree programs that utilize grant funds to support graduate students at the <b>masters level</b>	21	9	1	6	4	1
	3h. # of transportation-related advanced degree programs that utilize grant funds to support graduate students at the <b>doctoral level</b>	13	4	1	3	4	1
Category	Description of Indicator	PacTrans Total	UW	WSU	UI	OSU	UAF
<b>4. Technology Transfer:</b> PacTrans will measure technology transfer success by the scope and breadth of dissemination of our research through outreach activities, publications and social media.	4a. Link the PacTrans website so that user preferences and actions with the website can be tracked	✓ Linked.					
	4b. Report on attendance – by type of employer – at the annual transportation conference	total: 175 (public: 138; private: 37)					
	4c. Conduct surveys of the transportation conference attendees regarding their use of PacTrans studies (and other sponsored work)	Following Oct. 2014 annual conference PacTrans research products have attracted serious interest.					
	4d. Track the # of peer-reviewed articles and research reports submitted for publication	204	82	24	19	76	3
	4e. Track the # of patent filings	0	0	0	0	0	0
	4f. # of other social media recordings (e.g. Twitter followers)	109					

Category	Description of Indicator	PacTrans Total	UW	WSU	UI	OSU	UAF
<b>5: Collaboration:</b> PacTrans will measure collaboration success by the number, types and products/results of partnerships.	5a. # of papers published from research collaborations	65	40	4	3	13	5
	5b. # of conference presentations made from collaborative efforts	64	40	4	5	7	8
	5c. Participants from universities, public agencies, and private firms at the regional transportation summit	485	460	8	0	12	5
	5d. # of collaborative training programs established	1	1	0	0	0	0
	5e. # of student interns in these collaborative programs	3	3	0	0	0	0