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-UTC4O

Program Director:

Yinhai Wang, PhD
Professor and Director
E-mail: yinhai@uw.edu
Tel: 206.616.2696

Submitting Official:

Cole Kopca
Assistant Director
E-mail: ckopca@uw.edu
Tel: 206.685.6648

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**	9	5	5	5	1
Doctoral Level Programs	**19**	9	1	3	5	1
4. Number of graduate students supported by this grant						
Master's Level Students	**68**	37	8	11	12	0
Doctoral Level Students	**39**	20	7	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:						
Advanced Projects	**13**	2	5	2	4	0
Advanced Dollar Amount	**$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 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	**101**	57	3	11	24	6
	1b. # of peer-reviewed publications submitted based on outcomes of the UTC funded projects	**75**	33	11	11	19	1
	1c. # of peer-reviewed publications accepted/published	**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

Category	Description of Indicator	PacTrans Total	UW	WSU	UI	OSU	UAF
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.	3a. # of students receiving degrees from consortium universities	**675**	274	4	116	247	34
	3b. # of continuing education credits awarded in transportation-related topics from consortium universities	**3876**	1229	0	147	2500	0
	3c. # of students attending regional and national workshops and conferences	**632**	509	15	43	65	0
	3d. # of students working in internships or co-op learning opportunities	**53**	18	4	7	7	17
	3e. # of students enrolled in transportation courses	**2915**	819	380	490	1205	21
	3f. # of students employed in public or private sector transportation jobs upon their graduation	**159**	62	5	23	35	34
	3g. # of transportation-related advanced degree programs that utilize grant funds to support graduate students at the **masters level**	**25**	9	5	5	5	1
	3h. # of transportation-related advanced degree programs that utilize grant funds to support graduate students at the **doctoral level**	**21**	9	3	3	5	1

Category	Description of Indicator	PacTrans Total	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.	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: 251** academic: 166 public: 46 private: 39					
	4c. Conduct surveys of the transportation conference attendees regarding their use of PacTrans studies (and other sponsored work)	Following Oct. 2016 annual conference PacTrans research products have attracted serious interest.					
	4d. Track the # of peer-reviewed articles and research reports submitted for publication	**192**	98	7	25	62	0
	4e. Track the # of patent filings	**0**	0	0	0	0	0

| | 4f. # of other social media recordings (e.g. Twitter followers) | 187 | | | | | |

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