

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: Submitting Official:

Yinhai Wang, PhD Maria Bayya

Professor and Director Assistant Director

E-mail: yinhai@uw.edu
E-mail: bayyam@uw.edu

Tel: 206.616.2696 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, 2015 **DUNS**: 605799469 **EIN:** 91-6001537

Performance Indicators for the period 6/30/2014 – 9/30/2015

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

Annual Performance Indicators - Part I: Program-wide Indicators (6/30/2014 – 9/30/2015)

	PacTrans					
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	70	18	27	13	6	6
Graduate Courses	63	25	16	7	12	3
2. Number of students participating in transportation research						
projects funded by this grant						
Undergraduate Students	59	5	3	30	8	13
Graduate Students	77	37	4	10	20	6
3. Number of transportation-related advanced degree programs						
that utilize grant funds to support graduate students						
Master's Level Programs	20	9	4	4	3	0
Doctoral Level Programs	18	9	5	1	3	0
4. Number of graduate students supported by this grant						
Master's Level Students Supported	63	33	2	9	16	3
Doctoral Level Students Supported	23	7	5	1	8	2
5. Number of students supported by this grant who received						
degrees						
Master's Level Degrees	24	10	0	7	7	0
Doctoral Level Degrees	7	5	1	0	1	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:						
	No new projects selected in					
Applied research projects and dollar value	2014					
	No new projects selected in					
Advanced research projects and dollar value	2014					

Annual Performance Indicators - Part II: UTC-Specific Indicators (6/30/2014 - 9/30/2015)

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	155	75	26	10	34	10
	1b. # of peer-reviewed publications submitted based on outcomes of the UTC funded projects	48	20	2	6	13	7
	1c. # of peer-reviewed publications accepted/published	171	96	21	1	45	8
Category	Description of Indicator	PacTrans Total	uw	wsu	UI	osu	UAF
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	205	116	10	9	46	24
	2b. # of peer-reviewed conference papers	116	54	11	5	40	6
	2c. # of peer-reviewed archival journal publications	145	76	17	1	44	7
	2d. # of TRB committees membership and leadership roles	39	11	5	4	6	13
	2e. Other leadership in transportation organizations (editorial boards, expert panels)	71	31	10	3	16	11

Category	Description of Indicator	PacTrans Total	uw	wsu	UI	osu	UAF	
	3a. # of students receiving degrees from consortium universities	452	211	71	7	163	0	
	3b. # of continuing education credits awarded in transportation-related topics from consortium universities	269	180	5	0	84	0	
	3c. # of students attending regional and national workshops and conferences	379	160	145	22	43	9	
3. Education and Workforce Development: PacTrans will	3d. # of students working in internships or co-op learning opportunities	317	285	0	3	27	2	
measure education and workforce development success by the	3e. # of students enrolled in transportation courses	1107	570	216	129	192	0	
number of students involved in transportation education, research and in the transportation workforce upon graduation.	3f. # of students employed in public or private sector transportation jobs upon their graduation	189	90	4	50	45	0	
	3g. # of transportation-related advanced degree programs that utilize grant funds to support graduate students at the masters level	20	9	4	4	3	0	
	3h. # of transportation-related advanced degree programs that utilize grant funds to support graduate students at the doctoral level	18	9	5	1	3	0	
Category	Description of Indicator	PacTrans Total	υw	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: 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	60	48	0		12	0	
	4e. Track the # of patent filings	2	0	2		0	0	
	4f. # of other social media recordings (e.g. Twitter followers)	73						

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	47	33	0	1	5	8
	5b. # of conference presentations made from collaborative efforts	60	25	9	5	6	15
	5c. Participants from universities, public agencies, and private firms at the regional transportation summit	175	138	2	9	24	2
	5d. # of collaborative training programs established	12	8	2	0	0	2
	5e. # of student interns in these collaborative programs	19	18	0	0	0	1