



# 2012 Annual Performance Indicators for University Transportation Centers

Prepared for the USDOT Research and Innovative Technology Administration (RITA)

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

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January 1, 2012 – December 31, 2012

Report #2, PPPR reporting on second six months (July 1, 2012 – December 31, 2012)

## Performance Indicators - Part I: Program-wide Indicators

Question	PacTrans Total	UW	WSU	UI	OSU	UAF
1. Please specify the number of transportation-related <u>undergraduate</u> courses offered during the reporting period that were taught by you (or one of your teaching assistants associated with PacTrans).	<b>33</b>	7	14	7	5	0
2. Please specify the number of transportation-related <u>graduate</u> courses offered during the reporting period that were taught by you (or one of your teaching assistants associated with PacTrans).	<b>35</b>	12	6	6	11	0
3. Number of undergraduate students participating in your transportation PacTrans-funded research project:	<b>29</b>	1	2	24	2	0
4. Number of graduate students participating in your transportation PacTrans-funded research project:	<b>46</b>	16	8	7	12	3
5. If you have graduate students supported by this grant, please specify the number of students supported at the master's level and the type of support (TA/RA/other?).	<b>20</b>	6	4	4	3	3
6. If you have graduate students supported by this grant, please specify the number of students supported at the PhD level and the type of support (TA/RA/other?).	<b>17</b>	7	8	0	2	0
7. If you listed students as having received support through the PacTrans grant above, please indicate whether or not any were master's level graduate students who graduated during the January 1 - December 31, 2012 reporting period.	<b>44</b>	20	0	7	17	0
8. If you listed students as having received support through the PacTrans grant above, please indicate whether or not any were PhD level graduate students who graduated during the January 1 - December 31, 2012 reporting period.	<b>10</b>	5	0	1	4	0

## Performance Indicators - Part II: UTC-Specific Indicators

Description of Indicator	Metric	PacTrans Total	UW	WSU	UI	OSU	UAF
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	31	24	4	0	3	0
	1b. # of peer-reviewed publications submitted based on outcomes of the UTC funded projects	28	20	3	0	5	0
	1c. # of peer-reviewed publications accepted/published	35	34	0	0	1	0
Description of Indicator	Metric	PacTrans Total	UW	WSU	UI	OSU	UAF
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 summit, conferences, seminars, workshops	223	150	12	5	50	6
	2b. # of peer-reviewed conference papers	23	8	3		12	0
	2c. # of peer-reviewed archival journal publications	38	26	0		12	0
	2d. # of TRB committees membership and leadership roles	43	20	6	4	10	3
	2e. Other leadership in transportation organizations (editorial boards, expert panels)	58	27	4	6	5	16
Description of Indicator	Metric	PacTrans Total	UW	WSU	UI	OSU	UAF
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	522	180	152	60	130	0
	3b. # of continuing education credits awarded in transportation-related topics from consortium universities	412	140	140		80	52
	3c. # of students attending regional and national workshops and conferences	166	60	55	25	20	6
	3d. # of students working in internships or co-op learning opportunities	474	200	250	4	20	0
	3e. # of students enrolled in transportation courses	858	377	220	71	190	0
	3f. # of students employed in public or private sector transportation jobs upon their graduation	166	75	50	1	40	0
	3g. Number of transportation-related advanced degree programs that utilize grant funds to support graduate students at the <b>masters level</b>	22	9	3	4	3	3
	3h. Number of transportation-related advanced degree programs that utilize grant funds to support graduate students at the <b>doctoral level</b>	11	7	2	0	2	0

(Continuation of the last page's table)

Description of Indicator	Metric	PacTrans Total	UW	WSU	UI	OSU	UAF
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 within the website can be tracked	New website was recently launched. Website visitors to be tracked starting in Jan. 2013.					
	4b. Report on attendance - by type of employer - at the annual transportation conference	public: 85; private: 30					
	4c. Conduct surveys of the transportation conference attendees regarding their use of PacTrans studies (and other sponsored work)	Too early to report.					
	4d. Track the number of peer-reviewed articles and research reports submitted for publication		26			NA	0
	4e. Track the number of patent filings	1	1	0	0	0	0
	4f. # of other social media recordings (e.g. Twitter followers)	28					
Description of Indicator	Metric	PacTrans Total	UW	WSU	UI	OSU	UAF
PacTrans will measure collaboration success by the number, types and products/results of partnerships.	5a. # of papers published from research collaborations	32	26	1	0	5	0
	5b. # of conference presentations made from collaborative efforts	30	24	1	0	3	2
	5d. Participants from universities, public agencies, and private firms at the regional transportation summit	115	85	5	5	15	5
	5e. # of collaborative training programs established	7	7	0	0	0	0
	5f. # of student interns in these collaborative programs	18	18	0	0	0	0
Description of Indicator	Metric	PacTrans Total	UW	WSU	UI	OSU	UAF
PacTrans will evaluate the # and total dollar value of research projects selected for UTC funding using UTC grant funds (Federal and/or recipient Share) differentiating between applied research and advanced research.	6a. Total dollar value of applied research (fed + match funds)	\$ 3,083,679	\$497,000	\$665,000	\$ 823,474	\$ 476,127	\$ 622,078
	6b. Total # of applied research projects (fed + match funds)	26	7	4	6	4	5
	6c. Total dollar value of advanced research (fed + match funds)	\$ 1,328,072	\$ 717,112	\$ 30,000	\$ -	\$ 580,960	\$ -
	6d. Total # of advanced research projects (fed + match funds)	12	5	1	0	6	0