



# 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): Providing Data-Driven Solutions for the Diverse Mobility Challenges in the Pacific Northwest**

Sponsor Award Number: Grant No. 69A355174110

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

**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:** October 30, 2022

**DUNS:** 605799469 **EIN:** 91-6001537

Performance Indicators for the period October 1, 2021 – September 30, 2022

**Project/Grant Period:** November 30, 2016 - September 30, 2023

**Annual Performance Indicators - Part I: Program-wide Indicators (10/1/2021 – 9/30/2022)**

Question	PacTrans Total	UW	WSU	UI	OSU	UAF	GU	BSU
1. Number of transportation-related courses offered during the reporting period taught by faculty and/or teaching assistants who are associated with UTC.								
Undergraduate Courses	<b>109</b>	47	9	29	11	6	4	3
Graduate Courses	<b>129</b>	89	6	11	20	2	0	1
2. Number of students participating in transportation research projects funded by this grant								
Undergraduate Students	<b>22</b>	3	3	5	5	6	0	0
Graduate Students	<b>58</b>	24	7	8	15	2	0	2
3. Number of transportation-related advanced degree programs that utilize grant funds to support graduate students								
Master's Level Programs	<b>31</b>	12	3	9	5	1	0	1
Doctoral Level Programs	<b>21</b>	9	3	3	5	1	0	0
4. Number of students supported by this grant								
Undergraduate Students	<b>78</b>	17	11	24	15	2	8	1
Master's Level Students	<b>34</b>	14	3	5	12	0	0	0
Doctoral Level Students	<b>45</b>	29	3	2	11	0	0	0
5. Number of students supported by this grant who received degrees								
Undergraduate Degrees	<b>69</b>	27	6	19	14	2	1	0
Master's Level Degrees	<b>48</b>	21	10	7	9	1	0	0
Doctoral Level Degrees	<b>31</b>	9	12	2	8	0	0	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	5	2	0	0	2	1	0	0
Advanced Dollar Amount	\$260,000	\$80,000	0	0	\$120,000	\$60,000	0	0
Applied Projects	12	3	3	4	0	2	0	0
Applied Dollar Amount	\$1,050,000	\$395,000	\$120,000	\$295,000	0	\$240,000	0	0

**Annual Performance Indicators - Part II: UTC-Specific Indicators (10/1/2020 – 9/30/2021)**

Category	Description of Indicator	PacTrans Total	UW	WSU	UI	OSU	UAF	GU	BSU
<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>192</b>	64	41	14	53	14	3	3
	1b. # of peer-reviewed publications submitted based on outcomes of the UTC funded projects	<b>188</b>	66	33	16	54	16	1	2
	1c. # of peer-reviewed publications accepted/published	<b>102</b>	37	16	11	31	5	0	2
<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>133</b>	51	7	21	42	12	0	1
	2b. # of peer-reviewed conference papers	<b>138</b>	46	22	8	40	13	0	3
	2c. # of peer-reviewed archival journal publications	<b>102</b>	37	16	11	31	5	0	2
	2d. # of TRB committees membership and leadership roles	<b>37</b>	15	4	5	11	2	0	0
	2e. Other leadership in transportation organizations (editorial boards, expert panels)	<b>92</b>	43	5	7	26	7	0	4

Category	Description of Indicator	PacTrans Total	UW	WSU	UI	OSU	UAF	GU	BSU
<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	<b>160</b>	52	15	9	31	3	38	12
	3b. # of continuing education credits awarded in transportation-related topics from consortium universities	<b>4572</b>	2204	0	18	2350	0	0	0
	3c. # of students attending regional and national workshops and conferences	<b>188</b>	86	7	21	70	0	3	1
	3d. # of students working in internships or co-op learning opportunities	<b>106</b>	52	3	4	15	3	27	2
	3e. # of students enrolled in transportation courses	<b>5707</b>	3585	164	486	1115	162	69	126
	3f. # of students employed in public or private sector transportation jobs upon their graduation	<b>144</b>	57	6	23	43	4	11	0
	3g. # of transportation-related advanced degree programs that utilize grant funds to support graduate students at the <b>masters level</b>	<b>31</b>	12	3	9	5	1	0	1
	3h. # of transportation-related advanced degree programs that utilize grant funds to support graduate students at the <b>doctoral level</b>	<b>21</b>	9	3	3	5	1	0	0

Category	Description of Indicator	PacTrans Total	UW	WSU	UI	OSU	UAF	GU	BSU
<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	<b>total: 230</b> academic: 109 public: 36 private: 85							
	4c. Conduct surveys of the transportation conference attendees regarding their use of PacTrans studies (and other sponsored work)	Following Oct. 2022 annual conference PacTrans research products have attracted serious interest.							
	4d. Track the # of peer-reviewed articles and research reports submitted for publication	<b>188</b>	66	33	16	54	16	1	2
	4e. Track the # of patent filings	<b>1</b>	1	0	0	0	0	0	0
	4f. # of other social media posts (e.g. Twitter, LinkedIn, Facebook, etc.)	<b>174</b>							

Category	Description of Indicator	PacTrans Total	UW	WSU	UI	OSU	UAF	GU	BSU
<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	<b>16</b>	6	4	1	4	1	0	0
	5b. # of conference presentations made from collaborative efforts	<b>23</b>	8	4	2	5	2	1	1
	5c. Participants from universities, public agencies, and private firms at the regional transportation summit	<b>230</b>							
	5d. # of collaborative training programs established	<b>2</b>	1	1	0	0	0	0	0
	5e. # of student interns in these collaborative programs	<b>19</b>	11	2	0	0	0	6	0