

UTC Project Information	
Project Title	Development of PacTrans Workforce Development Institute
University	University of Washington
Principal Investigator	Yinhai Wang
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Funding Source(s) and Amounts Provided (by each agency or organization)	University of Washington PacTrans \$175,000 University of Washington \$43,000 Oregon State University \$33,000 University of Alaska Fairbanks \$33,000 Washington State University \$33,000 University of Idaho \$33,000
Total Project Cost	\$350,000
Agency ID or Contract Number	69A3551747110
Start and End Dates	April 16, 2021- April 15, 2022
Brief Description of Research Project	<p>The research team has successfully launched the PacTrans workforce development institute (WDI) and delivered training courses to transportation practitioners. Specifically, the research team will focus on the following tasks:</p> <ul style="list-style-type: none"> • <i>Enhancing the online platform for e-learning courses, promotion and outreach activities.</i> The research team will enhance the PacTrans WDI online training platform. The online platform will serve as a comprehensive learning platform to support the promotion, registration, and e-learning activities. • <i>Developing and delivering new training courses.</i> The research team will continue developing new training courses and certificate programs that cover more topics with critical training needs. Specifically, the PacTrans WDI has delivered/scheduled to deliver the following training courses: <ul style="list-style-type: none"> ▪ Understanding and Applying the Manual on Uniform Traffic Control Devices ▪ Incorporating Human Factors into Roadway Design and Crash Diagnostics ▪ Transportation Engineering Project Management

	<ul style="list-style-type: none">▪ An Introduction to School Zone Safety▪ Geospatial Analysis for Transportation Planners and Practitioners• <i>Developing the assessment and evaluation guidebook for training courses and the overall program.</i> The research team will develop a guidebook including course development processes with carefully designed learning outcomes and associated learning activities, active learning strategies, reliable assessment and evaluation processes of learning, and overall program and course evaluation.
<p>Describe Implementation of Research Outcomes (or why not implemented)</p> <p>Place Any Photos Here</p>	

<p>Impacts/Benefits of Implementation (actual, or anticipated)</p>	
<p>Web Links</p> <ul style="list-style-type: none">• Reports• Project Website	