

UTC Project Information	
Project Title	Inspiring Transportation Careers with K–12 Curriculum Activities
University	Washington State University
Principal Investigator	Michelle Akin
PI Contact Information	michelle.akin@wsu.edu
Funding Source(s) and Amounts Provided (by each agency or organization)	University of Washington PacTrans \$43,000 Washington State University \$43,000
Total Project Cost	\$86,000
Agency ID or Contract Number	69A3551747110
Start and End Dates	September 1, 2018-August 31, 2020
Brief Description of Research Project	<p>The objectives of this small PacTrans project are to 1) produce outreach curriculum for K–12 students that teach multi-modal transportation engineering concepts, and 2) conduct at least seven outreach sessions with elementary, middle and high schools in Pullman, WA, Moscow, ID, and Coeur d’Alene Indian Reservation. This scope is directly relevant to the PacTrans special topic areas of Access for All and Improved Reliability Across Modes because the specific activities will include multimodal transportation and isolated communities, and will include diverse communities.</p> <p>Workforce shortages in the transportation industry will put increased stress on transportation employees as they struggle to meet the demands of the nation’s large transportation network. Newcomers with a diverse background in multi-modal transportation options will be critical as sustainable transportation alternatives are given increased priority during maintenance, operations, and expansion decisions. The Federal Highway Administration (FHWA) has two programs focused on K–12 Education and Training, one focuses on curriculum development and the other providing summer camps for middle and high school students focused on transportation.</p>

<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	