



UNIVERSITY TRANSPORTATION CENTER RESEARCH BRIEF

Characterization of Underserved Population Perceptions and Mobility Needs in Connected-Vehicle and Smarter City Environments – Phase VI

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Background

PacTrans has structured its research activities, as part of the FAST Act mobility center, around four main themes: 1) mobility innovations to improve accessibility for all transportation users; 2) mobility innovations to improve system-wide efficiency; 3) mobility

innovations to improve reliability across modes; and 4) cross-cutting theme on Data-Driven Methods in Transportation. To support these themes, PacTrans has funded a total of twenty multi-institution collaborative research projects and fifty-six single institution research projects in the five-year period covering (2017-2021). The main goal of year 6 outreach project is to continue highlighting and communicating the outcome and impact of PacTrans research in these four theme areas to different stakeholders to influence their opinions, behavior, and policy preferences. This goal becomes more significant when the collective outcome of PacTrans research clearly shows potential positive impact for transportation system efficiency and safety. This goal will be achieved through several outreach products and networking initiatives

Research Project

The scope of work for this project involves two tasks. The objective of the first task is to continue mapping PacTrans Research Outcome to the Center's Theme Areas. The project PIs will review the final reports for completed projects at their institutions and interview researchers to identify the short-term and long-term impacts of the research and map the research outcome to the four Center's themes. As part of this step, the research outcome for each research will be classified into different categories: solution to existing problems, new methods and innovations, policy-focused research, national or regional focus, etc. The result of this task activities will be used to develop an integrated research outcome database. In the second project task, this database will be used to determine the content of the different outreach materials, considering the target audience and stakeholders, the message to be advocated. Different communication tools and channels will be identified and utilized as part of the project, including detailed technical briefs (paper and web-based format), short videos, webinars, different networking initiatives (social media, research blogs, etc.).



ABOUT THE AUTHORS

The research team consists of one member from each of our five consortium research partner institutions.

ABOUT THE FUNDERS

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EXPECTED DATE OF COMPLETION

March 2023

FOR MORE INFORMATION

<https://depts.washington.edu/pactrans/research/projects/characterization-of-underserved-population-perceptions-and-mobility-needs-in-connected-vehicle-and-smarter-city-environments-phase-vi/>