

Grant Deliverables and Reporting Requirements for UTC Grants

UTC Project Information	
Project Title	Development of a Comprehensive Metric to Evaluate the Impacts of Transportation-Environment on Community Health
University	The University of Texas at El Paso
Principal Investigator	Kelvin Cheu
PI Contact Information	rcheu@utep.edu
Funding Source(s) and Amounts Provided (by each agency or organization)	USDOT: \$124,188 Local match (El Paso MPO): \$62,094
Total Project Cost	\$186,282
Agency ID or Contract Number	Sponsor Source: Federal Government CFDA #: 20.701 Agreement ID: 69A3551747119
Start and End Dates	Start date: 3/3/2017 End date: 2/28/2018
Brief Description of Research Project	The objective of this research is to develop a metric which can be served as a decision support tool for engineers, planners, public health officers and other decision makers to evaluate the health status of a community with respect to transportation and environment. To measure a community's health, this metric will consist of a few criteria, and each criterion consists of several measurable indicators, with identified sources of data. It will be developed through literature review, focus group interview and survey. Using the data gathered, a concept map will be constructed to visualize the relationship/interactions between different elements of transportation, environment and community health. An accompanying metric will then be developed. A case study will be used to demonstrate the application of the metric to a local project.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	The metric is available for any researcher to use. This work is being disseminated via internal journal and conferences. It will be at least several months for the metric to be used in another projects and published.

Impacts/Benefits of Implementation (actual, not anticipated)	N/A
Web Links <ul style="list-style-type: none">• Reports• Project website	http://ctech.cee.cornell.edu/final-project-reports/