

Grant Deliverables and Reporting Requirements for UTC Grants

UTC Project Information	
Project Title	Do Special Bike Programs Promote Public Health? A case study of New York City's CitiBike bike sharing program
University	University of California, Davis
Principal Investigator	Michael Zhang
PI Contact Information	hmzhang@ucdavis.edu 530-754-9203
Funding Source(s) and Amounts Provided (by each agency or organization)	USDOT: \$176,257 UCD: \$127,810
Total Project Cost	\$304,067
Agency ID or Contract Number	Sponsor Source: Federal Government CFDA #: 20.701 Agreement ID: 69A3551747119
Start and End Dates	<ul style="list-style-type: none"> • Start date: 10/1/2018 • End date: 03/31/2020
Brief Description of Research Project	Bike travel is often considered a healthy and environmentally friendly mode of travel and promoted by cities. While it is of no debate that bike travel is good for the environment, bike accidents and exposure to toxic air pollutants also negatively affect bikers' physical wellbeing. The net health benefits of bike travel are therefore not clear cut, and are worthy of studying case by case. This research studies the Citibike bike-sharing program in New York City and studies its overall health benefits through integrating and analyzing transportation and health data of New York City from three pathways: PA, PM 2.5, and RTI under two scenarios: with-Citibike scenario (baseline) and without-Citibike scenario (hypothetical). It is hoped that this study can help expand on the knowledge base of active transportation on public health.
Describe Implementation of Research Outcomes (or why not implemented)	This is a post analysis to a major transportation project and contributed to our understanding of how active transportation can affect public health. The methods developed in this research can be applied to study similar projects but we have not had this opportunity to apply this yet. It's likely that we'll have an opportunity to apply the results to study the health benefits of
Place Any Photos Here	

	implementing congestion pricing in the City of San Francisco later this year.
Impacts/Benefits of Implementation (actual, not anticipated)	No implementation was carried out.
Web Links <ul style="list-style-type: none">• Reports• Project website	http://ctech.cee.cornell.edu/final-project-reports/