

UTC Project Info	
Project Title	New technologies and bicycle safety
University	University of Tennessee
Principal Investigator	Chris Cherry
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Funding Source(s) & match amounts provided (by each agency or organization)	Source 1: Social Bicycles -\$40,000 Source 2: Knoxville Regional TPO - \$2,000 Source 3: Chris Cherry PDF - \$2,000 Source 4: F&A Cost Share - \$9,064 <b>TOTAL \$53,064</b>
Total Project Cost (includes cost sharing)	\$103,064
Agency ID or Contract #	2014-OE-07
Start and End Dates	June 1, 2014 – May 31, 2015
Brief Description of Research Project	The primary objective of this research is to develop new methodology for assessing safety on bicycles based on observations of user route choice and other behaviors. This includes using new data sources such as on-bike tracking data and smartphone data.
Describe Implementation of Research Outcomes (or why not implemented) Place any photos here	The goal of the proposed research project is to develop a methodology for assessing user safety on bicycles based on observations of riding behaviors and route choice through new data sources. Previous studies have used records of cyclist fatalities and injuries to assess safety; however, the limited number of observations and large spatial diversity between observations makes this type of assessment difficult. An alternative is to consider behaviors and the varying risk to safety associated with those behaviors.
Impact/Benefits of Implementation (Actual, not anticipated)	