

Grant Deliverables and Reporting Requirements for UTC Grants

<b>UTC Project Information</b>	
Project Title	Improving immersive, highly realistic in-lab, cycling experiences for analyzing active travel
University	Cornell University
Principal Investigator	Ricardo Daziano
PI Contact Information	<a href="mailto:ra477@cornell.edu">ra477@cornell.edu</a> 607-255-2018
Funding Source(s) and Amounts Provided (by each agency or organization)	USDOT: \$69,579 Cornell: \$34,508
Total Project Cost	\$104,087
Agency ID or Contract Number	Sponsor Source: Federal Government CFDA #: 20.701 Agreement ID: 69A3551747119
Start and End Dates	Start date: 07/01/2020 End date: 09/30/2021
Brief Description of Research Project	In transportation, virtual-reality technology has been increasingly used for understanding participants' naturalistic responses in experimental research focusing on driving. Nevertheless, it is known that the most common complaints from participants of immersive VR experiences are nausea and dizziness. This phenomenon is referred to as visually-induced motion sickness (VIMS). The objective of this current project is to improve the technological implementation of immersive, highly realistic in-lab cycling experiments by reducing the effects of VIMS.
Describe Implementation of Research Outcomes (or why not implemented)  Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	

Web Links

- Reports
- Project Website

<http://ctech.cce.cornell.edu/final-project-reports/>