UTC Project Information	
Project Title	Truck Emissions-Exposure Study in Ports
University	GT, UCR, TTI
Principal Investigator	Michael Rodgers
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Funding Source(s) and Amounts Provided (by each agency or organization)	CAR-TEEH (Federal): Match (Non-Federal):
Total Project Cost	$
Agency ID or Contract Number	Grant Number: 69A3551747128
Start and End Dates	May 2017 – July 2018
Brief Description of Research Project	Ports serve as a hub for freight movement into and out of the United States (U.S.), and often face air quality issues due to the emissions from marine engines, freight trucks, drayage trucks, and cargo handling equipment. This has occupational health implications for truck drivers and others working in these areas. At the same time, ports are often at the forefront of emissions reduction strategies and can be one of the early beneficiaries of alternative fuel and vehicle technologies. The objectives of the study are two-fold: (1) to assess the level of concentration and exposure to pollutant emissions at selected major ports; and (2) to evaluate the potential reduction of exposure as a co-benefit to greenhouse gases (GHG) reductions that can come from using alternative fuel and powertrain technologies for trucking operations at the ports.
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	https://www.carteeh.org/research/focus-areas/projects/truck-emissions-exposure-study-in-ports/