

<b>UTC Project Information</b>	
Project Title	Onboard Sensing, Analysis, and Reporting (OSAR): Expanded Field Demonstrations and Development of Associated Visual Aids
University	University of California, Riverside
Principal Investigator	Kent Johnson
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Funding Source(s) and Amounts Provided (by each agency or organization)	Center for Advancing Research in Transportation Emissions, Energy, and Health (CARTEEH): \$80,000 Other Sources: South Coast Air Quality Management District \$150,093
Total Project Cost	\$230,093
Agency ID or Contract Number	69A3551747128
Start and End Dates	11/1/2019 – 4/30/2021
Brief Description of Research Project	The goal of the research is to expand the time for the field demonstration for the mini-PEMS and to develop a visual aid that would provide for provide a visual characterization of emissions on both a spatial and temporal basis. This would allow the scope of the OSAR research to be broadened considerably in terms of scope and stakeholders. This additional funding would further spur the industry into a solution that includes instrumenting all new heavy-duty trucks with ideas for retrofitting older ones depending on feedback from the Agencies.
Describe Implementation of Research Outcomes (or why not implemented)  Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	
Web Links <ul style="list-style-type: none"> <li>• Reports</li> <li>• Project website</li> </ul>	