

**Project Information Form**

Project Title	Application of New Low-Cost Air Quality Sensing Technology to Enhance Air Quality Measurement
University	University of California, Riverside
Principal Investigator	Brandon Feenstra
PI Contact Information	bfeenstra@aqmd.gov
Funding Source(s) and Amounts Provided (by each agency or organization)	NCST Graduate Fellowship, \$20,000
Total Project Cost	\$20,000
Agency ID or Contract Number	
Start and End Dates	July 1, 2017 – June 30, 2018 (One year fellowship)
Brief Description of Research Project	Project will focus on measuring the NO <sub>2</sub> and particulate matter (PM <sub>2.5</sub> ) concentrations by installing air quality sensors in strategic locations within the City of Riverside. These locations will include near-road environments with the goal of understanding the spatial and temporal variability of NO <sub>2</sub> and PM <sub>2.5</sub> in relation to major roadways in an urban environment.
Describe Implementation of Research Outcomes (or why not implemented) (Attach Any Photos)	
Impacts/Benefits of Implementation (actual, not anticipated)	
Web Links <ul style="list-style-type: none"> <li>• Reports</li> <li>• Project website</li> </ul>	<a href="https://ncst.ucdavis.edu/research/dissertation/">https://ncst.ucdavis.edu/research/dissertation/</a>