

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 ₂ and particulate matter (PM _{2.5}) 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 ₂ and PM _{2.5} 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"> • Reports • Project website 	https://ncst.ucdavis.edu/graduate-student-research/