

# Assessment of Health Impacts of Particulate Matter from Indoor Air Sources

University of California, Davis  
Professor Fumio Matsumura  
\$399,997 (36 months)

**Objective:** To identify and quantify the impact of PM from indoor sources on human health.

**Expected Results:** Data on the relative toxicity of major indoor PM sources.

# Survey of the Use of Ozone-generating Air Cleaners by the California Public

University of California, Berkeley

Thomas Piazza, Ph.D.

\$99,997 (18 months)

**Objective:** To conduct a survey of California households to learn prevalence, usage patterns and other useful information.

**Expected Results:** Information needed to assess the potential health impact of these devices and to help identify the most effective risk reduction approach.

# Responses to Short-term Fluctuation in Particulate Air Pollution in Asthmatic Children: Implications for Asthma Natural History

University of California, Berkeley  
Professor Ira Tager  
\$350,000 (8.5 months)

**Objective:** To provide bridge funding to support the children's cohort and the team while support is secured from the National Institute of Health.

**Expected Results:** Continued collection and analysis of data to study the long-term health effects of air pollution in children with asthma.

# Environmental Justice Saturation Monitoring of Selected Pollutants in Wilmington

Desert Research Institute  
Eric Fujita and Barbara Zielinska  
\$475,451 (36 months)

**Objective:** To collect temporal and spatially resolved air quality data to improve additional EJ and hot spot analysis.

**Expected Results:** Information to further our understanding of actual exposure levels at an EJ community.

# Follow-on Development of CARBITS

University of California, Davis  
Professor David Bunch  
\$100,000 (12 months)

**Objective:** To upgrade and enhance CARBITS, a response model for the California passenger vehicle market.

**Expected Results:** A model that will provide more realistic analysis of the response of consumers to changes resulting from regulations.