

**State of California  
AIR RESOURCES BOARD**

**Research Screening Committee**

**Cal/EPA Headquarters Building  
1001 I Street  
Conference Room 620  
Sacramento, California 95814  
(916) 445-0753**

**February 25, 2010  
9:00 a.m.**

**ACTION**

**Interagency Proposal**

1. "Identifying Determinants of Very Low Energy Consumption Rates Observed in some California Households," University of California, Davis, \$94,911, Proposal No. 2694-267

-- Approved

**Draft Final Reports**

2. "Air Pollution and Environmental Justice, Integrating Indicators of Cumulative Impact and Socio-Economic Vulnerability Into Regulatory Decision-Making," University of California, Santa Cruz, \$691,922, Contract No.04-308

-- Approved

3. "Indoor Environmental Quality and HVAC Survey of Small and Medium Size Commercial Buildings," University of California, Berkeley, \$557,986, Contract No. 05-347

-- Approved

4. "ARCTAS-California 2008: An Airborne Mission to Investigate CA Air Quality," University of California, Irvine, \$400,000, Contract No. 07-335

-- Approved

5. "Light Duty Gasoline PM: Characterization of High Emitters and Valuation of Repairs for Emission Reduction-Phase 3-," University of California, Riverside, \$249,826, Contract No. 05-323

-- Approved

6. "Process-Based Farm Emission Model for Estimating Volatile Organic Compound Emissions From California Dairies," University of California, Davis, \$299,191, Contract No. 05-344

-- Approved

7. "Reducing Emissions of Volatile Organic Compounds (VOC) from Agricultural Soil Fumigation," University of California, Riverside, \$200,000, Contract No. 05-351

-- Approved

8. "Differences in Inflammatory Responses to Exposures of Concentrated Ambient Particles in Susceptible Volunteers," University of California, Los Angeles, \$629,920, Contract No. 05-341

-- Approved

9. "Characterization and Improvement of Versatile Aerosol Concentration Enrichment System," University of California, Davis, \$123,848, Contract No. 04-332

-- Approved

10. "Determination of the Spatial and Temporal Variability of Size-Resolved PM 2.5 Composition and Mixing State in Multiple Regions in California," University of California, San Diego, \$678,671, Contract No. 04-336

-- Approved

11. "An Investigation of Offshore Ship Emissions of CO, NO<sub>x</sub> and SO<sub>x</sub> from shoreline Measurements and a Survey of Vessel Operations," University of California, Davis, \$49,560, Contract No. 06-333

-- Approved

12. "Emissions of HFC-134a from Auto Dismantling and Recycling", Foundation for California Community Colleges, \$159,578, Contract No. 06-334

-- Approved