

**State of California
AIR RESOURCES BOARD**

Research Screening Committee

**Cal/EPA Headquarters Building
1001 I Street
Conference Room 510
Sacramento, California 95814
(916) 445-0753**

**January 20, 2011
9:00 a.m.**

ACTION

Interagency Agreements

1. "Risk of Pediatric Asthma Morbidity from Multi-Pollutant Exposures," University of California, Irvine, \$285,000, Proposal No. 2717-270
-- Approved
2. "Near Freeway Spatial Gradients in Particulate Biological Activity," University of California, Los Angeles, \$339,731, Proposal No. 2723-270
-- Tabled
3. "Residential Energy Use and GHG Emissions Impacts of Compact Land Use Types," University of California, Berkeley, \$100,000, Proposal No. 2719-270
-- Approved
4. "The Cool California Carbon Challenge: a Pilot Intra- and Inter-Community Carbon Footprint Reduction Competition," University of California, Berkeley, \$300,004, Proposal No. 2718-270
-- Approved
5. "Zero Pollution Lawn and Garden Equipment," University of California, Davis, \$375,896, Proposal No. 2722-270
-- Tabled

Standard Agreements

6. "Evaluation of Pollutant Emissions from Portable Air Cleaners," Lawrence Berkeley National Laboratory, \$400,000, Proposal No. 2721-270
-- Approved

7. "Developing Databases to Estimate California-Specific Climate Forcing Benefits of Cool Roofs," Lawrence Berkeley National Laboratory, \$250,000, Proposal No. 2720-270

-- Approved

Draft Final Reports

8. "A Spatial Synoptic Classification Approach to Projected Heat Vulnerability in California Under Future Climate Change Scenarios," Kent State, \$191,553, Contract No. 07-304

-- Approved

9. "Fine-Scale Spatial and Temporal Variability of Particle Number Concentrations within Communities and in the Vicinity of Freeway Sound Walls," University of Southern California, \$461,334, Contract No. 05-317

-- Approved

10. "Development of the UCB-L Particle Monitor for Future California Applications in Environmental Justice," University of California, Berkeley, \$213,088, Contract No. 06-321

-- Approved

11. "Analysis of Satellite Measurements to Improve California's Model for O₃ and PM," University of California, Berkeley, \$350,724, Contract No. 06-328

-- Approved

12. "Deployment of a Novel Aerosol Mobility/Mass Spectrometer for Quantitative Chemical Analysis of Organic Aerosols from Mobile Sources," University of Southern California, \$245,338, Contract No. 06-330

-- Approved

13. "Indoor Environmental Quality and HVAC Survey of Small and Medium Size Commercial Buildings," University of California, Davis, \$1,060,000, Contract No. 06-311

-- Approved

14. "Developing a California Inventory for Ozone Depleting Substances and Hydrofluorocarbon Foam Banks and Emissions from Foams," Caleb Management Services, Ltd., \$349,758, Contract No. 07-312

-- Approved

15. "Development of a California Geospatial Intermodal Freight Transport Model with Cargo Flow Analysis," University of Delaware, \$199,937, Contract No. 07-314

-- Approved

16. "Potential Design, Implementation, and Benefits of a Feebate Program for New Passenger Vehicles in California," University of California, Davis, \$796,641, Contract No. 08-312

-- Approved