

**State of California
AIR RESOURCES BOARD**

**Research Screening Committee Meeting
Cal/EPA Headquarters Building
1001 I Street
Conference Room 550
Sacramento, California 95814
(916) 445-0753**

**October 28, 2005
8:30 a.m.**

ACTION

Sole Source Proposals

1. "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, Proposal No. 2600-250

-- Approved

2. "Physicochemical and Toxicological Assessment of the Semi-Volatile and Non-Volatile Fractions of PM from Heavy- and Light-Duty Vehicles Operating with and without Emissions Control Technologies", University of Southern California, \$677,950, Proposal No. 2592-250

-- Approved

Contract Augmentation

3. "Augmentation to Ventilation and Indoor Air Quality in New Homes", Indoor Environmental Engineering, \$93,519, Contract No. 04-310.

-- Approved

Interagency Proposals

4. "Ultrafine Particle Concentrations in Schoolrooms and Homes", University of California, Berkeley, \$300,000, Proposal No. 2597-250

-- Approved

5. "Effects of Inhaled Fine and Ultrafine Particles on Lung Growth and Lung Disease", University of California, Irvine, \$450,446, Proposal No. 2605-250

-- Rejected with prejudice

6. "Differences in Inflammatory Response to Exposure Concentrated Ambient Particles in Susceptible Volunteers", University of California, Los Angeles, \$599,776, Proposal No. 2601-250

-- Approved with a budget increase to be determined by staff.

7. "Impact of Reactive Halogen Species on the Air Quality in California Coastal Areas", University of California, Los Angeles, \$299,998, Proposal No. 2602-250

-- Approved

8. "CO₂ Emission Quantification from Vehicle Air Conditioning Operation in California-Specific Conditions", California State University, Northridge, \$400,000, Proposal No. 2606-250

-- Approved

9. "Improved Estimates of Greenhouse Gas Emissions and Mitigation Options for the California Petroleum Sector", University of California, Berkeley, \$129,561.50, Proposal No. 2604-250

-- Rejected without prejudice

10. "On-Road Measurement of Light-Duty Gasoline and Heavy-Duty Diesel Vehicle Emission Trends", University of California, Berkeley, \$ 288,463, Proposal No. 2598-250

-- Approved

11. "Evaluation of the Proposed New European Methodology for Determination of Particle Number Emissions and its Potential in California for In-use Screening", University of California, Riverside, \$250,000, Proposal No. 2595-250

-- Approved with subcommittee approval

12. "Economic Value of Reducing Cardiovascular Disease Associated with Air Pollution", \$349,692, California State University, San Diego, Proposal No. 2599-250

-- Approved

13. "Process-Based Farm Emission Model for Estimating Volatile Organic Compound Emissions from California Dairies", University of California, Davis, \$274,851
Proposal No. 2596-250

-- Approved

14. "Light-duty Gasoline PM: Characterization of High Emitters and Valuation of Repairs for Emission Reduction", University of California, Riverside, \$249,827, Proposal No. 2603-250

-- Approved

15. "Improving the Carbon Dioxide Emission Estimates from the Combustion of Fossil Fuels in California", University of California, Berkeley, \$77,100, Proposal No. 2594-250

-- Approved