

**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**

**October 15, 2009  
9:00 a.m.**

**ACTION**

**Interagency Proposals**

1. "Health Effects of Central Valley PM," University of California, Davis, \$496,429, Proposal No. 2688-265

-- Approved

2. "Determination of the Spatial Distribution of Ozone Precursor and Greenhouse Gas Concentrations and Emissions in the LA Basin," University of California, Los Angeles, \$299,968, Proposal No. 2684-265

-- Approved

3. "Assessment of Baseline Nitrous Oxide Emissions in California's Dairy Systems," University of California, Davis \$82,000, Proposal No. 2682-265

-- Approved

4. "Determining NOx Emissions from Soil in California Cropping Systems to Improve Ozone Modeling," University of California, Davis, \$83,500, Proposal No. 2683-265

-- Approved

5. "Behavioral Strategies to Bridge the Gap Between Potential and Actual Savings in Commercial Buildings," University of California, Davis, \$134,981, Proposal No. 2685-265

--The Committee requested that this item be deferred to the December 17, 2009 RSC Meeting.

6. "Hourly in-situ Quantitation of Organic Aerosol Marker Compounds During CalNex 2010," University of California, Berkeley, \$249,999, Proposal No. 2680-265

-- Approved

7. "Aircraft Measurements of the Vertical Mixing State of Soot Aerosols in California," University of California, San Diego, \$400,000, Proposal No. 2689-265

-- The Committee accepted staff's recommendation and approved the proposal but was one vote short of a quorum, therefore this item will be revisited at the November 12, 2009 RSC meeting.

8. "Improved Characterization of Primary and Secondary Carbonaceous Particles," University of California, San Diego, \$255,000, Proposal No. 2681-265

-- The Committee accepted staff's recommendation and approved the proposal but was one vote short of a quorum, therefore this item will be revisited at the November 12, 2009 RSC meeting.

### **Standard Agreements**

9. "AMAS-DOAS Trace Gas Column Observations from Research Aircraft Over California," University of Colorado at Boulder, \$549,999, Proposal No. 2687-265

--The Committee accepted staff's recommendation and approved the proposal but was one vote short of a quorum, therefore this item will be revisited at the November 12, 2009 RSC meeting.

### **Draft Final Reports**

10. "Ultrafine Particle Concentrations in Schoolrooms and Homes," University of California, Berkeley, \$300,000, Contract No. 05-305

--The Committee accepted staff's recommendation and approved the report but was one vote short of a quorum, therefore this item will be revisited at the November 12, 2009 RSC meeting.

11. "Impact of Reactive Halogen Species on the Air Quality in California Coastal Areas," University of California, Los Angeles, \$166,964, Contract No. 05-307

--The Committee accepted staff's recommendation and approved the report but was one vote short of a quorum, therefore this item will be revisited at the November 12, 2009 RSC meeting.

### **Interim Report**

12. "Deployment of a Novel Aerosol Mobility/Mass Spectrometer for Quantitative Chemical Analysis of Organic Aerosols from Mobile Sources," University of Southern California, \$245,339, Contract No. 06-330

--The Committee accepted staff's recommendation and approved the report but was one vote short of a quorum, therefore this item will be revisited at the November 12, 2009 RSC meeting.

### **Other Business**

13. "Update on "Physiochemical 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, Contract No. 05-308

-- No action necessary.