

**State of California  
AIR RESOURCES BOARD**

**Research Screening Committee Meeting  
Cal/EPA Headquarters Building  
1001 I Street  
Conference Room 550, 5<sup>th</sup> Floor  
Sacramento, California 95814  
(916) 445-0753**

**December 2, 2011  
9:00 a.m.**

**ACTION**

- I. Approval of Minutes of Previous Meeting:  
October 28, 2011
  - Approved
  
- II. Discussion of New Research Projects:
  - 1) "Reducing In-Home Exposure to Air Pollution," Lawrence Berkeley National Laboratory, \$1,300,994, Proposal No. 2733-272
    - Approved
  
  - 2) "Reducing Air Pollution Exposure in Passenger Vehicles and School Buses," University of California, Los Angeles, \$150,000, Proposal No. 2730-272
    - Approved
  
  - 3) "Modeling the Formation and Evolution of Secondary Organic Aerosol during CalNex 2010," University of Colorado, \$350,000, Proposal No. 2731-272
    - Approved
  
  - 4) "Long Range Transport of Air Pollutants into California," University of California, Davis, \$506,084, Proposal No. 2729-272
    - Approved

- 5) "Atmospheric Measurement and Inverse Modeling to Improve Greenhouse Gas Emission Estimates," Lawrence Berkeley National Laboratory, \$680,000, Proposal No. 2724-272  
  
-- Approved
- 6) "Source Speciation of Central Valley GHG Emissions using In-Situ Measurements of Volatile Organic Compounds," University of California, Berkeley, \$360,000, Proposal No. 2732-272  
  
-- Approved
- 7) "Development of a New Methodology to Characterize Truck Body Types along California Freeways," University of California, Irvine, \$350,000, Proposal No. 2727-272  
  
-- Approved
- 8) "Evaluating Mitigation Options of Nitrous Oxide Emissions in California Cropping Systems," University of California, Davis, \$400,000, Proposal No. 2728-272  
  
-- Approved
- 9) "Assessment of the Emissions and Energy Impacts of Biomass and Biogas Use in California," University of California, Irvine, \$169,997, Proposal No. 2726-272  
  
-- Approved

III. Review of Draft Final Reports:

- 1) "Is Disparity in Asthma among Californians due to Higher Pollution Exposures, Greater Vulnerability, or Both?" University of California, Los Angeles, \$299,794, Contract No. 07-309  
  
-- Approved
- 2) "Retail Climate Change Mitigation: Life-Cycle Emission and Energy Efficiency Labels and Standards," University of California, Berkeley, \$265,144, Contract No. 07-322  
  
-- Approved
- 3) "SF<sub>6</sub> Replacement Evaluation in Magnesium Sand and Investment Casting," California State Polytechnic University, Pomona, \$49,995, Contract No. 09-366  
  
-- Approved