

**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**

**December 17, 2009
9:00 a.m.**

ACTION

Interagency Agreements

1. "Behavioral Strategies to Bridge the Gap Between Potential and Actual Savings in Commercial Buildings," University of California, Davis, \$134,981, Proposal No. 2685-266

-- Approved

2. "Identifying Determinants of Very Low Energy Consumption Rates Observed in some California Households," University of California, Davis, \$94,911, Proposal No. 2694-266

-- Deferred. The Committee voted to review a revised proposal at the next meeting.

3. "Quantifying the Effect of Local Government Actions on VMT," University of California, Davis, \$125,000, Proposal No. 2692-266

-- Approved

4. "Measuring the Climate Impact of Residential Buildings: GreenPoint Rated Climate Calculator Version 2," University of California, Berkeley, \$100,000, Proposal No. 2693-266

-- Approved

5. "Are There Any Counteracting Effects that Reduce the Global Warming Benefits Attributed to Diesel and Other Black Carbon Controls," University of California, San Diego, \$114,751, Proposal No. 2690-266

-- Approved

6. "Improving Regional VOC Emission Estimates Using An Airborne PTRMS EDDY Flux Measurement System," University of California, Berkeley, \$400,000, Proposal No. 2698-266

-- Approved

7. "Mobile Platform III: Characterizing Spatially Inhomogeneous Non-Criteria Pollutants in the Los Angeles Air Basin," University of California, Los Angeles, \$290,000, Proposal No. 2697-266

-- Approved

8. "On-Road Measurement of Emissions from Heavy-Duty Diesel Trucks: Impacts of Fleet Turnover and ARB's Truck and Bus Rule," University of California, Berkeley, \$300,000, Proposal No. 2696-266

-- Approved

9. "Peripheral Blood Gene Expressions in Subjects with Coronary Artery Disease and Exposure to Particulate Air Pollutant Components and Size Fractions," University of California, Irvine, \$274,931, Proposal No. 2699-266

-- Approved

10. "Modeling Optimal Transition Pathways to a Low Carbon Economy in California: Impacts of Advanced Vehicles and Fuels on the Energy System," University of California, Davis, \$278,356, Proposal No. 2700-266

-- Approved+

Standard Agreements

11. "SF₆ Replacement Evaluation in Magnesium Sand and Investment Casting," Cal Poly Pomona University, \$49,999, Proposal No. 2691-266

-- Approved

12. "Inverse Modeling to Verify California's Greenhouse Gas Emissions Inventory," California State University, East Bay, \$150,000, Proposal No. 2695-266

-- Approved

13. "In-duct Air Cleaning Devices: Ozone Emissions and Test Methodology," University of Missouri, \$325,000, Proposal No. 2701-266

-- Approved

Draft Final Reports

14. "On-Road Motor Vehicle Emissions including NH₃, SO₂ and NO₂," University of Denver, \$90,042, Contract No. 07-319

-- Approved

15. "Quantify Health Benefits of Incremental Improvements in Air Quality," University of California, Berkeley, \$471,261, Contract No. 01-346

-- Deferred to a future meeting.

Other Business

16. Draft Solicitation for Planned Air Pollution Research, FY 2010-2011

-- No action necessary.