## Lab Fee RFP Awards by Campus – November 2008

Project Title				
William         Daughton         LANL         Optimizing Electron Wakefield Acceleration for X-Ray Lasers           Jeanne         Fair         LANL         Understanding sialic acid variability           Donald         Hickmott         LANL         Geodynamics of Carbon in Subduction Zones & Earth's Mantle           Sven         Vogel         LANL         Student Travel Opportunities for Neutron Experiments (STONE)           Robert         Wingo         LANL         Detection of Agricultural Infestations           Anton         Barry         LLNL         Biomolecular imaging at LCLS           Aleksandr         Noy         LLNL         NanoBioelectronics with 1-D lipid bilayers on Si nanowires           Donald         Sirbuly         LLNL         NanoBioelectronics with 1-D lipid bilayers on Si nanowires           Richard         Allen         UCB         Integrated finite frequency imaging of continents & ceans           Kristie         Boering         UCB         Irist modeling of recent stratospheric radiocarbon levels           Roger         Falcone         UCB         High energy, short pulse fiber laser R&D for x-ray sources           Mary         Firestone         UCB         High energy, short pulse fiber laser R&D for x-ray sources           Mary         Firestone         UCB         High energy, short pulse fiber laser R&D for x	PI		Campus/Lab	Project Title
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## Lab Fee RFP Awards by Campus – November 2008

PI		Campus/Lab	Project Title
Konstadinos	Goulias	UCSB	Development of Next Generation Agent-based Simulation
Trevor	Hayton	UCSB	Optimizing Ligand Design for the AnO2+ ions (An = U, Np, Pu)
Gary	Leal	UCSB	Hybrid Computational Methods for Multiphase Materials
Galen	Stucky	UCSB	Photoelectrocatalysis for Conversion of CO2 to Fuels
Scott	Brandt	UCSC	RADIX: HPC Data Center Performance Monitoring and Management
Nathaniel	Dominy	UCSC	Climate change, lemurs and recent megafaunal extinctions
Dietlind	Gerloff	UCSC	Integrated Data Visualization for Bacteria in the Oralgen DB
Joel	Kubby	UCSC	Design of an AO microscope for biological imaging
Wentai	Liu	UCSC	Wireless Neural Interfaces
Chad	Saltikov	UCSC	Chromium transformation pathways in metal-reducing bacteria
Stanford	Woosley	UCSC	Studies in Nuclear Astrophysics
Dmitri	Basov	UCSD	Carbon-based structures for information & energy technology
Charles	Elkan	UCSD	Learning From Presence-Only Data
Steve	Jiang	UCSD	Adaptive Radiotherapy Based on High Performance Computing
Marc	Meyers	UCSD	Behavior of Metals under Extreme Laser Pulse Loading
Susan	Shirk	UCSD	Inst. on Global Conflict & Cooperation Core Funding Platform
Paul	Siegel	UCSD	Coding, Detection, and Inference in Multiple Dimensions
Susan	Taylor	UCSD	Cellular Function and Regulation of Protein Kinases
William	Trogler	UCSD	Explosives Sensing with Bifunctional Luminescent Polymers
Ross	Walker	UCSD	Novel Approaches for Analysis of Large Scale MD Simulations
Raul	Andino	UCSF	Virus population dynamics, genetic diversity and evolution
Tanja	Kortemme	UCSF	Algorithms for computational design of protein biosensors
Anita	Sil	UCSF	Regulatory networks that control fungal pathogenesis
Chao	Tang	UCSF	Boolean model of the restriction point in cell cycle