

UC Discovery Grant Competition Results - Spring 2010

Awards Listed by Campus

Host Campus	PI/Director Name (Last, First)		Proposal Title
UCB	Conolly	Steven	Development of Magnetic Particle Imaging
UCB	Kammen	Daniel	Pacific Gas & Electric Supply Chain Carbon Management
UCB	Keasling	Jay	A heterologous isoprenoid biosynthetic pathway for yeast
UCB	Niknejad	Ali	Mixed-Signal RF WLAN/4G Communication CMOS Power Amplifiers
UCB	O'Brien	James	Realtime Simulation for Surgical Planning and Training
UCB	Patterson	David	Universal Parallel Computing Research Center
UCB	Rabaey	Jan	Ultra Low Power Platforms for Neuro-Prostheses
UCD	Chan	Simon	Engineering centromeres to produce haploid plants
UCD	Dubcovsky	Jorge	Improving California wheat quality and nutritional value
UCD	Pham	Anh-Vu	Development of Light weight and Compact Phased Array Antenna
UCD	Pham	Anh-Vu	Power Combining and Waveform Shaping Power Amplifiers
UCI	Dunn-Rankin	Derek	Mercury Removal from Flue Gas via Aqueous Precipitation
UCI	Reinscheid	Rainer	Novel drug targets for treatment of schizophrenia
UCLA	Chiou	Pei-Yu	Photothermal Delivery of Large Cargo into Mammalian Cells
UCLA	Cong	Jason	Hardware Acceleration for Electronic Design Automation
UCLA	He	Lei	Reliable circuits and systems
UCLA	Huffaker	Diana	Development of low cost high efficiency thermophotovoltaics
UCLA	Itoh	Tatsuo	Metamaterial-Based Leaky Wave Antenna with Dual and Circular
UCLA	Itoh	Tatsuo	Metamaterial-Based Multiplexer
UCLA	Pei	Qibing	Novel Electrode-Elastomer Combination for High-Performance
UCR	Ding	Shou-wei	Rapid identification of new citrus virus & viroid pathogens
UCSD	Galton	Ian	Critical mixed-signal CMOS Platform Circuits for Reconfigurable Radio
UCSD	Kahng	Andrew	Power Delivery Pathfinding for 3D Through-Silicon Stacking

UCSD	Krstic	Miroslav	Control of Lasers for Photolithography and Flat Panel Displa
UCSD	Schroeder	Julian	Characterization of plant performance at elevated CO2
UCSF	Chiu	Charles	Comprehensive Diagnostics for Viral Encephalitis/ Meningitis
UCSF	Nelson	Sarah	Novel MR Technology - Monitoring Treatment in Human Disease