Lab Fee RFP Awards by Campus/Lab – July 2012

Development of Bio-Mimetic Oxygen Reduction Catalysts	PI		Campus/Lab	Proposal Title
David Fox LANL Novet therapeutics for pathogen neutralization	Jerzy	Chlistunoff	LANL	Development of Bio-Mimetic Oxygen Reduction Catalysts
Leifrey Heikoop LANL Invisible U mining toward sustainability of C-free energy	William	Daughton	LANL	Building Blocks of Three-Dimensional Magnetic Reconnection
Leifrey Heikoop LANL Invisible U mining toward sustainability of C-free energy	David	Fox	LANL	Novel therapeutics for pathogen neutralization
Laura Monroe LANI. Probabilistic Algorithms for New Computer Architectures	Jeffrey	Heikoop	LANL	
Colbing Pei	Thomas	Leitner	LANL	Accurate evolutionary rates for precise pathogen sourcing
Colbing Pei	Laura	Monroe	LANL	
Scott Vander Wiel LANIL Anomaly Detection in Streaming Radio Interferometer Data	Qibing		LANL	
Chonggang Xu LANL Next Generation Dynamic Carbon-Nitrogen Model Hongwu Xu LANL Neutron Imaging, Scattering & Modeling of Salt-Brine System Peer-Timo Bremer LINL Performance Visualization at ExaScale Selim Elhadj LINL Damage resistant structures fabricated by laser CVD Maya Gokhale LINL PLANT LAND Damage resistant structures fabricated by laser CVD LINL PLANT LAND Super-Company of Company of Co		Vander Wiel	LANL	
Hongwu Xu	Chonggang	Xu	LANL	
Peer-Timo Bremer LLNL Performance Visualization at ExaScale Sellim Elhadj LLNL Damage resistant structures fabricated by laser CVD Maya Gokhale LLNL LASH-Based Data-Intensive Supercomputing for Graph Analysis Satinderpall Pannu LLNL High Fidelity Neural Recordings using wireless ECoG arrays Lisa Poyneer LLNL Predictive adaptive optics for turbulence fast tracking William Thompson LLNL Evidence, inference and bias in WMD forensics Leta Woo LLNL Three-dimensional (3-D) graphene sensors Darren Bleuel UCB Nuclear Reactions in High Energy Density Plasmas at NIF Daniel Fletcher UCB Mobile Phone Platform for Genomic Disease Detection Uor Pachter UCB Mobile Phone Platform for Genomic Disease Detection Uor Pachter UCB Metagenome quantification using high-roughput sequencing Barbara Romanowicz UCB Full waveform seismic tomography using stochastic methods Scott Stephens UCB Using LIDAR to inform the evaluation of FireTec-HiGRAD Ricardo Castro UCD Design of nanoceramics with high radiation tolerance Nicholas Curro UCD MMS Studies of Materials Under Extreme Conditions Roland Faller UCD Modelling of Protein Transport in Realistic Environments Alan Meler UCD Energy efficiency indicators for the U.S. economy Erkin Seker UCD Innable nanoporous metals for advanced biosensor platforms Klaus van Benthem UCD Dynamics of Defect Structure Evolution under Extreme Condition (Jing-zhu Yin UCD Isotope Forensics of the Early Solar System William Misson UCI Separation of High Valency Actinides from Used Nuclear Fuel UCD Isotope Forensics of the Early Solar System William Transport in Realistic Dudge Early Solar System UCI Separation of High Valency Actinides from Used Nuclear Fuel UCD Isotope Forensics of the near-Earth Radiation Environment UCI Separation of High Valency Actinides from Used Nuclear Fuel UCI Separation of High Valency Actinides from Used Nuclear Fuel UCI Separation of High Valency Actinides from Used Nuclear Fuel UCI Quantifying urban CO2 fluxes using carbonyl sulfide and 14C Javier Garay UCR Quantifying orban CO2 fluxes u		Xu	LANL	
Sellim Elhad LLNL Damage resistant structures fabricated by laser CVD		Bremer	LLNL	
Maya Gokhale LLNL FLASH-Based Data-Intensive Supercomputing for Graph Analysis Satinderpall Pannu LLNL High Fidelity Neural Recordings using wireless ECOG arrays LUSI Power LLNL Predictive adaptive optics for turbulence and fast tracking William Thompson LLNL Evidence, inference and bias in WMD forensics Leta Woo LLNL There-dimensional (2-b) graphene sensors Darren Bleuel UCB Nuclear Reactions in High Energy Density Plasmas at NIF Daniel Fietcher UCB Mobile Phone Platform for Genomic Disease Detection Lior Pachter UCB Metagenome quantification using high-throughput sequencing Barbara Romanowicz UCB Full waveform seismic tomography using stochastic methods Scott Stephens UCB Using LDAR to inform the evaluation fileRTEC-HIRRAD Nicholas Curro UCD Design of nanoceramics with high radiation tolerance Nicholas Curro UCD Modelling of Protein Transport in Relifex Environments Roland Faller UCD Modelling of Protein Transport in Relifex Environments Alan Meier UCD Energy efficiency indicators for the U.S. economy Erkin Seker UCD Inable nanoprova metals for advance biosensor platforms Klaus van Benthem UCD Dynamics of Defect Structure Evolution under Extreme Condition Ging-zhu Yin UCD Isotope Forensics of the Early Solar System Mikael Nilsson UCI Separation of High Yalency Actinides from Used Muclear Fuel Juzzanna Siwy UCI Separation of High Yalency Actinides from Used Muclear Fuel Juzzanna Siwy UCI CONDUCTIVITY OF IONIC LIQUIDS In GRAPHITIC NANOPORES Andrea Bertozzi UCLA Sparse modeling for high dimensional data UCR Juzzanna Siwy UCI CONDUCTIVITY OF IONIC LIQUIDS In GRAPHITIC NANOPORES Andrea Bertozzi UCLA Sparse modeling for high dimensional data UCR Quantifying urban CO2 fluxes using carbonyl sulfide and 14C Javier Garay UCR UCR Juzzanna Internace High Proteins and Optics for Sistem Gary UCR UCR-LANL Energy Storage Research Initiative Roland Kawakami UCR Quantifying urban CO2 fluxes using carbonyl sulfide and 14C Juzzanna Dilonck UCSB Newton Scattering for Branched, Entangled Polymers in Flow Tresa Pollock UCSB Newton			LLNL	Damage resistant structures fabricated by laser CVD
Satinderpall Pannu			LLNL	
Description				
Mulliam Thompson LLNL Evidence, Inference and bias in WMD forensics	-			
LLNL				
Darrien Bleuel UCB Nuclear Reactions in High Energy Density Plasmas at NIF Daniel Fletcher UCB Mobile Phone Platform Genomic Disease Detection UCP Pachter UCB Metagenome quantification using high-throughput sequencing Barbara Romanowicz UCB Full waveform seismic tomography using stochastic methods Scott Stephens UCB UCB Using LIDAR to inform the evaluation of FIRETE-CHIRAD Ricardo Castro UCD Design of nanoceramics with high radiation tolerance Nicholas Curro UCD NMR Studies of Materials Under Extreme Conditions Roland Faller UCD Modelling of Protein Transport in Realistic Environments Alan Meier UCD Energy efficiency indicators for U.S. economy Erkin Seker UCD Tunable nanoporous metals for advanced biosensor platforms Klaus van Benthem UCD Dynamics of Defect Structure Evolution under Extreme Conditi Jean VanderGheyst UCD Inic liquid resistance in a cellulose degrading community Ging-zhu Yin UCD Isotope Forensics of the Early Solar System Mikael Nilsson UCI Separation of High Valency Actinides from Used Nuclear Fuel Zuzanna Siwy UCI CONDUCTIVITY OF IONIC LUQIDS IN GRAPHITIC NANOPORES Andrea Bertozzi UCLA Sparse modeling for high dimensional data Diana Huffaker UCLA III-V anappillars for high efficiency single photon emitters Yuri Shprits UCLA Data Assimilation in the near-IR Radiation Environment John Campbell UCM Quantifying urban CO2 fluxes using carbonyl sulfide and 14C Javier Garay UCR UCR-LANL Energy Storage Research Initiative Roland Kawakami UCR Material Synthesis and Optics for Si and Ge Spintronics Chun Ning (Jeanie) Lau UCR Quantum Phenomena in Topological Insulators Sung Mo Kang UCSC RRAM-based Data-Intensive In-Memory Computing CAM Systems Doug Lin UCSC A Comprehensive Unity of Formation Processes of Exoplanets Elii Berman UCSD Characterization and Development of Plasma Facing Materials George Fuller UCSD Fronties of Metals to Laser Compression and Release UCSD Francerization and Development of Plasma Facing Materials Frederic Frank UCSP Extreme Response of Metals to Laser Compression and Release UCS		•		
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