

	Proposals						
Submit Date	PI Name	Dept	Project Title	Agency	Total	Proposed Start Date	Proposed End Date
8/2/2012	Balista, Jacimaria	Civil & Envirnmntl Eng & Const	Investigation of Potential Perchlorate Loads Discharged Through Contaminated Groundwater Seepage into the Las Vegas Wash, Henderson, Nevada	California Metropolitan Water District	180,546	8/1/2012	3/31/2013
8/2/2012	Venkat, Rama Hardin, Andrew	Dean, College of Engineering Co-PI	UNLV Incubator for Clean Technologies	Wells Fargo	150,000	1/1/2013	12/31/2013
7/24/2012	Shrestha, Pramen	Civil & Envirnmntl Eng & Const	CAREER: Real-Time Automatic Detection of Construction Safety Violations	National Science Foundation	400,000	6/1/2013	5/31/2018
7/23/2012	Zhao, Hui	Mechanical Engineering	CAREER: Microfluidic Energy Conversion Over Super-Hydrophobic Surfaces	National Science Foundation	400,000	5/1/2013	4/30/2018
8/2/2012	Kim, Kwang	Mechanical Engineering	Superior Dropwise Condensation	Electric Power Research Institute	311,235	1/1/2013	12/31/2015
8/9/2012	Teng, Hualiang	Civil & Envirnmntl Eng & Const	Evaluation of Geometric Design Needs of Freeway Systems Based on Archived ITS and Safety Data - State	Nevada Department of Transportation	56,686	7/31/2012	8/31/2013
8/9/2012	Teng, Hualiang	Civil & Envirnmntl Eng & Const	Evaluation of Geometric Design Needs of Freeway Systems Based on Archived ITS and Safety Data - Federal	U.S. Department of Transportation	43,312	7/1/2012	6/30/2013
7/24/2012	Tian, Ying	Civil & Envirnmntl Eng & Const	CAREER: Performance of Reinforced Concrete Flat Plate Buildings Exposed to Fire	National Science Foundation	400,000	6/1/2013	5/31/2018
7/24/2012	Paz-Cruz, Alexander	Civil & Envirnmntl Eng & Const	CAREER: Generation of Traffic Guidance and Driving Incentives for Vehicular Traffic Systems	National Science Foundation	399,840	5/1/2013	4/28/2018
7/17/2012	Boehm, Robert	Center for Energy Research	Plaza Hotel Chiller Project	COM Southwest, LLC	14,158	7/13/2012	7/12/2013
7/10/2012	Boehm, Robert	Center for Energy Research	Pyramid Photovoltaic Concentrator Will Lower Levelized Cost of Energy	California Energy Commission	95,000	9/1/2012	8/31/2013
9/14/2012	Latifi, Sharam	Elec & Comp Engineering	NSF EPSCoR RII UNLV Task 6 (Cyber)	EPSCoR/National Science Foundation	14,460	9/1/2008	8/31/2013
9/11/2012	Kim, Kwang	Mechanical Engineering	Superior Dropwise Condensation	Korea Institute of Energy Research	45,217	9/1/2012	5/31/2013
8/22/2012	Ghafoori, Nader	Civil & Envirnmntl Eng & Const	Use of Geotextile for Strengthening and Reducing Roadway Structural Sections - B	NV Department of Transportation	12,000	10/1/2012	4/30/2014
9/19/2012	Kim, Kwang	Mechanical Engineering	Robotic Catheterization Using Ionic Polymer-Metal Composite Actuator	National Science Foundation	168,281	9/1/2012	5/30/2013
8/22/2012	Latifi, Sharam	Elec & Comp Engineering	Science Return Optimization Through Wireless Power Transmission Development	National Aeronautics and Space Administration	197,592	1/1/2013	12/31/2016
9/24/2012	Boehm, Robert	Center for Energy Research	Regional Test Center - Phase I	Sandia National Laboratories	85,000	10/1/2012	9/30/2013
9/24/2012	Ahmad, Sajjad	Civil & Envirnmntl Eng & Const	Integrating Remote Sensing and Earth System Science in Nevada: Ecohydrologic Responses to Atmospheric River Dynamics	EPSCoR/National Aeronautics & Space Administration	139,927	1/15/2013	1/15/2016
9/24/2012	Stephen, Haroon	Co-PI	An Automatic Efficiency Optimizer for Fractional-Horsepower AC Motors	Lawrence Berkeley National Laboratory	19,999	10/15/2012	6/30/2013
9/14/2012	Baghzouz, Yahia Zhao, Hui	Elec & Comp Engineering Mechanical Engineering	The Role of Diffusion in Nonlinear Diffuse-Charge Dynamics of Ionic Liquids at Large Voltages	National Science Foundation	198,460	5/1/2013	4/30/2016
9/21/2012	Sun, Ke-Xun	Elec & Comp Engineering	Gravity and Radiation Environment Aerial Trans-Small Satellite Surveyors (GREATS) Workshop	EPSCoR/National Aeronautics & Space Administration	10,000	7/1/2012	10/31/2012
9/11/2012	Stephen, Haroon	Civil & Envirnmntl Eng & Const	Updating the Regional GHG Emissions Inventory	Southern Nevada Regional Planning Coalition	10,000	6/1/2012	5/30/2015
8/24/2012	Piechota, Thomas Sun, Ke-Xun Wang, Zhiyong	Co-PD/PI Elec & Comp Engineering Co-PD/PI	Singular Blood Monitoring Device (SBMD)	Interactive Mobile Systems, Inc	618,150	1/1/2013	12/31/2016
8/23/2012	Hayes, Donald	Transportation Research Center	Enhancing NDOT's Traffic Safety Programs - Federal	U.S. Department of Transportation	84,514	7/1/2012	6/30/2013
8/21/2012	Hayes, Donald	Transportation Research Center	Enhancing NDOT's Traffic Safety Programs - State	Nevada Department of Transportation	108,769	8/30/2012	7/31/2013
8/21/2012	Trabia, Mohamed O'Toole, Brendan Thota, Jagadeep	Mechanical Engineering Co-PD/PI Co-PD/PI	Impact and Blast Research	Blast Containment Inc	79,598	7/1/2012	6/30/2013
8/23/2012	Sun, Ke-Xun	Elec & Comp Engineering	Radiation Hard AIGAN Imager and Electronics - Task 44	National Security Technologies	115,000	8/23/2012	9/30/2012
10/22/2012	Sun, Ke-Xun	Elec & Comp Engineering	Gravity and Radiation Environment Aerial Trans-Small Satellite Surveyors (GREATS) Workshop	EPSCoR/National Aeronautics & Space Administration	500	7/1/2012	3/31/2013
10/22/2012	Yang, Mei	Elec & Comp Engineering	Scalable-Grain Pipeline Parallelization Framework for Multi-Core Systems	Google.org	55,141	1/1/2013	12/31/2013
10/19/2012	Kim, Kwang	Mechanical Engineering	Multi-Field Nano-Particle Loaded Electrodes for Ionic Polymer-Metal Composite Actuators	University of California, San Diego	355,758	1/1/2013	12/31/2015
10/19/2012	Sun, Ke-Xun Jiang, Yingtao	Elec & Comp Engineering Co-PI	Center of Excellence for Security Science and Engineering - Task 49	National Security Technologies	320,000	10/24/2012	9/30/2013
10/3/2012	Kim, Yoohwan	Computer Science	Power Automation System (PAS) Vulnerability Assessment in Smart Grid- Task 48	National Security Technologies	47,958	10/22/2012	9/30/2013
11/1/2012	Jiang, Yingtao	Elec & Comp Engineering	Collaborative Research: Circuit Switching Optical Network-on-Chip Systems for Future Generation Manycore Chips: Network Architecture, Communication Protocols and Prototypes	National Science Foundation	367,689	6/1/2013	5/31/2016
10/1/2012	Yang, Mei Yfantis, Evangelos Paz-Cruz, Alexander	Co-PI Computer Science Co-PI	Benefit Cost Studies	Nevada Department of Transportation	158,000	10/15/2012	6/30/2013
10/15/2012	Gerrity, Daniel	Civil & Envirnmntl Eng & Const	Occurrence, Proliferation and Persistence of Antibiotics and Antibiotic Resistance During Wastewater Treatment	Water Environment Research Foundation	149,981	4/1/2013	10/1/2014
10/1/2012	Batista, Jacimaria	Co-PI	An Optical Beam Steering Testbed for Wireless Power Transmission	Air Force Office of Scientific Research	102,070	6/15/2013	6/30/2014
10/1/2012	Latifi, Sharam	Elec & Comp Engineering	A Radar System for Target Detection Using a Hybrid Method Based on Hyperspectral Imaging	Air Force Office of Scientific Research	127,748	6/15/2013	6/30/2014
10/8/2012	Boehm, Robert Batista, Jacimaria	Center for Energy Research Co-PI	The Solar Energy-Water-Environment Nexus in Nevada - State Match	NV System of Higher Education	419,388	7/1/2013	6/30/2018
10/6/2012	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada	EPSCoR/National Science Foundation	7,432,904	7/1/2013	6/30/2018

11/14/2012	Batista, Jacimaria Zhao, Hui	Co-PI Mechanical Engineering	Beyond the Poisson-Nernst-Planck Model: The Impacts of Ion Specificity and Electrostatic Correlations on Electrokinetics	National Science Foundation	198,460	7/1/2013	6/30/2016
10/5/2012	Barzilov, Alexander	Mechanical Engineering	Production of Radioisotopes in a Multi-Zone Target with Automated Radiochemical Processing	U.S. Department of Energy	1,182,300	6/1/2013	5/31/2016
10/12/2012	Culbreth, William Czerwinski, Kenneth Jo, Ju-Yeon	Co-PI Co-PI Computer Science	Collaborative Project: Capacity Building: STRONG Alliance: Southwest Partnership for IA (Information Assurance) Workforce	National Science Foundation	299,442	6/1/2013	5/31/2016
11/15/2012	Kim, Yoohwan Gerrity, Daniel	Co-PI Civil & Environmntl Eng & Const	Public Perception of Water Reuse	Consortium of Universities for the Advancement of Hydrologic	6,000	3/1/2013	5/1/2013
11/27/2012	Barzilov, Alexander	Mechanical Engineering	Cargo Screening Using Neutron and Photon Tomography and Elemental Analysis	U.S. Department of Homeland Security	498,488	7/1/2013	6/30/2015
10/30/2012	Kachroo, Pushkin Morris, Brendan Paz-Cruz, Alexander	Transportation Research Center Co-PI Co-PI	Guidance for Implementation of Traffic Incident Management Performance Measurement	Transportation Research Board	200,000	1/1/2013	6/30/2014
11/14/2012	Boehm, Robert	Center for Energy Research	Preliminary Evaluation of a New Solar/Electric System	Various	2,999	11/1/2012	1/31/2013
11/17/2012	Kaseko, Mohamed	Civil & Environmntl Eng & Const	Development of an Analysis Tool for Evaluation of Marginal Impacts of Freeway Incidents in the Las Vegas Area - NDOT Match	Nevada Department of Transportation	61,772	1/3/2013	2/28/2014
11/17/2012	Teng, Hualiang Paz-Cruz, Alexander Copeland, David	Co-PI Civil & Environmntl Eng & Const Co-PI	The Effectiveness of Driver Education and Information Programs in Nevada - NDOT Match	Nevada Department of Transportation	81,581	12/31/2012	6/30/2013
11/14/2012	Breen, Erin	Transportation Research Center	Downtown 360 Bowl	Nevada Office of Traffic Safety	3,500	11/14/2012	9/30/2013
11/28/2012	Hayes, Donald Teng, Hualiang	Civil & Environmntl Eng & Const Co-PI	National Transit Research Consortium	San Jose State University	145,611	1/11/2012	12/31/2015
12/10/2012	Mauer, Georg	Mechanical Engineering	A Cooperative Program to Increase Engineering Recruitment and Retention in Southern Nevada	National Science Foundation	1,999,828	7/1/2013	6/1/2018
12/3/2012	O'Toole, Brendan O'Toole, Brendan Trabia, Mohamed	Co-PI Ctr for Materials & Structures Co-PI	Plastic Deformation Study Using Light Gas Gun-Task Order 50	National Security Technologies	70,000	11/26/2012	9/30/2013
12/3/2012	Shrestha, Pramen	Civil & Environmntl Eng & Const	Grant to Enhance Construction Education Programs at UNLV by Constructing Zero Energy Home for Solar Decathlon 2013	Nevada Commission on Construction Education	40,837	12/1/2012	11/22/2013
12/3/2012	Weber, Eric Kim, Kwang	Co-PI Mechanical Engineering	Material Engineered Nano Porous Surface for Electronics Cooling	Hyundai Next Generation Vehicle Technology	27,000	12/1/2012	5/31/2013
12/3/2012	Ahmad, Sajjad	Civil & Environmntl Eng & Const	Capacity Building for Rainwater Harvesting for Irrigation in Barani Areas of Pakistan	University of New Mexico	131,515	7/1/2013	6/30/2016
12/11/2012	Tian, Ying	Civil & Environmntl Eng & Const	REU: Dynamic Disproportionate Collapse in Flat-Plate Buildings	National Science Foundation	12,000	2/1/2013	12/31/2013
12/12/2012	Latifi, Sharam	Elec & Comp Engineering	NASA Space Grant: Integration and Evaluation of an Electrically Steered Wireless Power Transmission System	Nevada System of Higher Education	19,730	1/1/2013	12/31/2013
12/10/2012	Bein, Wolfgang Larmore, Lawrence	Computer Science Co-PI	AF:Small:Exact Competitiveness of Server-Like Problems	National Science Foundation	464,317	6/1/2013	5/31/2016
12/6/2012	Kim, Kwang	Mechanical Engineering	Artificial Muscle (AM) Cilia Array for Underwater Systems	Office of Naval Research	349,278	10/1/2012	3/31/2015
12/18/2012	Gerrity, Daniel	Civil & Environmntl Eng & Const	Optimization of Ozone-Biological Activated Carbon Treatment for Potable Reuse Applications	Desert Research Institute	181,642	3/1/2013	8/1/2014
1/2/2013	Batista, Jacimaria	Civil & Environmntl Eng & Const	Potential Treatment of Shale Water	Earl Corporation	9,759	3/1/2011	1/31/2013
1/4/2013	Yfantis, Evangelos Palmer, Craig	Computer Science Co-PI	Citizen Forester: A Volunteer-Driven Urban Tree Monitoring Program	U.S. Forest Service	85,000	4/1/2013	3/31/2015
1/4/2013	Moujaes, Samir	Mechanical Engineering	Body Temperature Conditioner Project	University of Nevada, Reno	52,015	9/19/2012	9/18/2013
1/4/2013	Karakouzian, Moses	Civil & Environmntl Eng & Const	Fire Influences on Soil CO2 Production in Desert Climates - Jon Wilson Graduate Student	U.S. Bureau of Land Management	20,440	7/1/2013	6/30/2014
1/17/2013	Kim, Kwang	Mechanical Engineering	A Scalable Coating Process for Steam Condensing Coils (STTR Phase I)	Advanced Materials and Devices, Inc	112,500	9/1/2013	8/31/2014
1/15/2013	Baghzouz, Yahia	Elec & Comp Engineering	Development of a Tool to Analyze Historical Flow, Available Transfer Capacity on the Transmission Grid	Western Interstate Energy Board	49,303	2/1/2013	5/31/2013
1/14/2013	Hsieh, Sean	Co-PI	Mechanical Engineering	National Science Foundation	179,864	6/1/2013	5/31/2015
1/2/2013	Boehm, Robert Stephen, Haroon	Center for Energy Research Civil & Environmntl Eng & Const	Collaborative Proposal: Energy Sustainability Remote Laboratory (ERSL) Education of Secondary School and University Students about Water Scarcity, Conservation and Reuse through Interactive Games	Environmental Protection Agency	287,078	4/1/2013	3/31/2015
1/3/2013	Ahmad, Sajjad Batista, Jacimaria Gerrity, Daniel Kaseko, Mohamed	Co-PI Co-PI Co-PI Civil & Environmntl Eng & Const	Civil & Environmntl Eng & Const Civil & Environmntl Eng & Const Civil & Environmntl Eng & Const Development of an Analysis Tool for Evaluation of Marginal Impacts of Freeway Incidents in the Las Vegas Area-Federal	U.S. Department of Transportation	32,288	7/1/2012	6/30/2013
1/23/2013	Teng, Hualiang Zhao, Hui	Co-PI Mechanical Engineering	Civil & Environmntl Eng & Const Mathematical Modeling of Biomolecule Translocation through Nanopores	National Institutes of Health	62,341	2/13/2012	1/31/2014
2/11/2013	Kachroo, Pushkin	Transportation Research Center	Daytime Seatbelt Usage Surveys	Nevada Office of Traffic Safety	35,774	10/1/2012	9/30/2013
2/26/2013	Yim, Woosoon	Mechanical Engineering	Development of Agile and Robust Consequence Monitoring System	Sandia National Laboratories	149,978	2/27/2013	2/26/2014
2/20/2013	Pedersen, Jan	Computer Science	Collaborative Research: XPS: FP: ProcessJ. A Process Oriented Experience: Education and Modern Programming Tools	National Science Foundation	558,513	9/1/2013	8/31/2017

2/15/2013	Zhao, Hui	Mechanical Engineering	Collaborative Research: Flow Effects in Dielectrophoresis-Directed Assembly of Colloidal Particles	National Science Foundation	176,173	9/1/2013	8/31/2016
2/15/2013	Zhao, Hui	Mechanical Engineering	Superhydrophobic Surface Enabled Microfluidic Energy Conversion	National Science Foundation	272,090	9/1/2013	8/31/2016
2/27/2013	Barzilov, Alexander	Mechanical Engineering	Development of a Nuclear Safeguards and Security Education and Training Program at UNLV	National Nuclear Security Administration	613,162	10/1/2013	9/30/2016
2/26/2013	Culbreth, William Sun, Ke-Xun Morris, Brendan	Co-PI Co-PI Elec & Comp Engineering	Mechanical Engineering Elec & Comp Engineering Methodology for Determining Appropriate Mitigation Strategies for Big Game Animal-Vehicle Collisions on Idaho's Highways	Idaho Transportation Department	59,993	6/1/2013	5/31/2014
2/19/2013	Stephen, Haroon Gerity, Daniel	Co-PI Civil & Environmntl Eng & Const	School of Env and Pub Affairs Collaborative Research: Occurrence, Proliferation and Persistence of Antibiotics and Antibiotic Resistance During Wastewater Treatment	National Science Foundation	88,728	8/1/2013	7/31/2015
3/5/2013	Batista, Jacimaria Paz-Cruz, Alexander	Co-PI Transportation Research Center	Development of an Innovative Driving School Program for Recurrent Violators	Nevada Office of Traffic Safety	66,472	10/1/2013	9/30/2014
3/22/2013	Sun, Ke-Xun	Elec & Comp Engineering	Radiation Detectors for GREATS	National Aeronautics and Space Administration	680,905	10/1/2013	9/30/2016
3/24/2013	Barzilov, Alexander	Co-PI	Mechanical Engineering	Sandia National Laboratories	120,000	10/3/2012	3/31/2014
3/11/2013	Boehm, Robert	Center for Energy Research	Regional Test Center - Phase II	Primus Solutions	120,000	4/1/2013	9/30/2014
3/11/2013	Reynolds, Douglas Shrestha, Pramen	Ctr for Mech & Env Sys Tech Civil & Environmntl Eng & Const	Spine Manikin for Evaluation of Enroute Care: A Test Tool In-Depth Survey Interviews of Lessons Learned Using Design-Build, Design-Build-Operate and Construction Manager at Risk Delivery Methods in Water and Wastewater Infrastructures	Water Design Build Council	92,028	7/1/2013	6/30/2014
3/11/2013	Batista, Jacimaria Teng, Hualiang	Co-PI Civil & Environmntl Eng & Const	Civil & Environmntl Eng & Const Mineta National Transportation Consortium	San Jose State University	100,000	9/30/2013	9/30/2017
3/11/2013	Hayes, Donald	Co-PI	Civil & Environmntl Eng & Const	Marshall University	200,000	7/1/2013	6/30/2014
3/18/2013	Teng, Hualiang O'Toole, Brendan	Civil & Environmntl Eng & Const Ctr for Materials & Structures	FY 13 University Transportation Center Program Plastic Deformation Study Using Light Gas Gun-Task Order 50	National Security Technologies	3,839	11/26/2012	8/31/2013
3/11/2013	Trabia, Mohamed	Co-PI	Dean, College of Engineering	National Institutes of Health	142,410	2/1/2014	1/31/2016
3/18/2013	Zhao, Hui	Mechanical Engineering	Development of a Multi-Scale Mathematical Model for Chip-Based Chromatography	University of Nevada, Reno	300,000	9/30/2013	9/29/2016
3/18/2013	Kaseko, Mohamed Paz-Cruz, Alexander	Civil & Environmntl Eng & Const Civil & Environmntl Eng & Const	Safety and Operations of Large-Area Rural/Urban Intermodal Systems (SOLARIS) Performance, Demand Modeling and Situation Assessment for Public Transportation Services	University of Arizona - FPT	150,000	10/1/2013	9/30/2015
3/28/2013	Morris, Brendan Said, Aly	Co-PI Civil & Environmntl Eng & Const	Elec & Comp Engineering Behavior and Durability of Self-Consolidating Concrete	Missouri University of Science and Technology	32,238	12/15/2012	12/31/2013
3/20/2013	Said, Aly	Civil & Environmntl Eng & Const	Evaluation of Long and Short Term Dimensional Properties of Self-Consolidating Concrete in Nevada DOT Projects	NV Department of Transportation	27,684	4/2/2013	5/31/2015
3/11/2013	Shrestha, Pramen Tian, Ying Rawhouser, Hans	Co-PI Co-PI Mgmt, Entrepreneurship & Tech	Civil & Environmntl Eng & Const Civil & Environmntl Eng & Const Las Vegas Lean Startups	National Collegiate Inventors and Innovators Alliance	21,988	9/1/2013	8/31/2016
2/6/2013	Jo, Ju-Yeon Kim, Yoohwan	Co-PI Co-PI	Computer Science Computer Science	National Security Technologies	215,844	3/29/2012	2/28/2014
1/17/2013	Taylor, Wanda Luke, Barbara O'Brien, Robert Lowe, Daniel	Applied Geophysics Center Co-PI Harry Reid Center Co-PI	Cataloging Legacy Seismic Data - Task 39 Civil & Environmntl Eng & Const DT Systems Upgrade Support - Task 47 Mechanical Engineering	National Security Technologies	169,382	10/1/2012	9/30/2013
4/1/2013	Said, Aly Shrestha, Pramen Tian, Ying	Civil & Environmntl Eng & Const Co-PI Co-PI	Evaluation of Long and Short Term Dimensional Properties of Self-Consolidating Concrete in Nevada DOT Projects Civil & Environmntl Eng & Const Civil & Environmntl Eng & Const	NV Department of Transportation	57,174	4/2/2013	5/31/2015
4/1/2013	Breen, Erin	Transportation Research Center	Community Center for Traffic Safety Education and Outreach	Nevada Office of Traffic Safety	70,000	10/3/2012	9/30/2013
4/2/2013	Kachroo, Pushkin	Transportation Research Center	A Distributed Sensing and Control System to Enable High Performance Vehicle Streams: Volume I	University of California-Davis	300,000	10/1/2013	9/30/2016
4/2/2013	Kachroo, Pushkin	Transportation Research Center	Center for Smart and Resilient Transportation Systems: A Technology Integration and Acceleration Center	Rochester Institute of Technology-FPT	300,000	7/1/2013	9/30/2015
4/2/2013	Kachroo, Pushkin	Transportation Research Center	Estimating the Rate of Private Vehicle Non-Registration in Nevada	3M	12,000	6/3/2013	8/31/2013
4/2/2013	Stephen, Haroon Ahmad, Sajjad	Civil & Environmntl Eng & Const Co-PI	Urban Heat Island Study of Las Vegas Civil & Environmntl Eng & Const	Nevada System of Higher Education	5,000	4/1/2013	8/31/2013
4/2/2013	Palmer, Craig	Co-PI	Harry Reid Center	Nevada Office of Traffic Safety	296,530	10/1/2013	9/30/2014
4/2/2013	Breen, Erin	Transportation Research Center	Center for Safety Research and Outreach	Nevada Office of Traffic Safety	71,748	10/1/2013	9/30/2014
4/2/2013	Kachroo, Pushkin Breen, Erin	Transportation Research Center Co-PI	Senior and Teen Driving Education Program Transportation Research Center	Nevada Office of Traffic Safety	71,748	10/1/2013	9/30/2014
4/2/2013	Kachroo, Pushkin	Transportation Research Center	Seat Belt Usage Surveys	Nevada Office of Traffic Safety	97,439	10/1/2013	9/30/2014
4/2/2013	Kachroo, Pushkin	Transportation Research Center	Data Integration for Traffic Safety Culture Modeling	Nevada Office of Traffic Safety	71,749	10/1/2013	9/30/2014
4/2/2013	Kachroo, Pushkin	Transportation Research Center	Intelligent Strategy for Seatbelt Campaign Based on Survey Seatbelt, Crash and Trauma Data Analysis	Nevada Office of Traffic Safety	71,748	10/1/2013	9/30/2014

4/2/2013	Kachroo, Pushkin Paz-Cruz, Alexander Ashley, David	Transportation Research Center Co-PI Co-PI	Vehicle Miles Traveled Fee Study Civil & Environmntl Eng & Const Civil & Environmntl Eng & Const	University of Nevada, Reno	137,283	3/10/2013	3/30/2014
4/2/2013	Yfantis, Evangelos	Computer Science	Vehicle Miles Traveled Fee Study	University of Nevada, Reno	72,000	3/10/2013	3/30/2014
4/10/2013	Ahmad, Sajjad	Civil & Environmntl Eng & Const	Collaborative Research: The Western Consortium for Watershed Analysis, Visualization and Exploration (WC-WAVE)	Nevada System of Higher Education	220,893	7/1/2013	6/30/2016
4/3/2013	Stephen, Haroon Hayes, Donald Teng, Hualiang	Co-PI Civil & Environmntl Eng & Const Co-PI	School of Env and Pub Affairs National Transit Research Consortium Civil & Environmntl Eng & Const	San Jose State University	75,000	1/11/2012	12/31/2013
4/17/2013	Paz-Cruz, Alexander	Civil & Environmntl Eng & Const	Development of a Sophisticated Framework for Value Engineering Analysis	NV Department of Transportation	90,000	6/12/2013	6/30/2014
4/17/2013	Paz-Cruz, Alexander	Civil & Environmntl Eng & Const	Development of a Sophisticated Framework for Value Engineering Analysis - State	Nevada Department of Transportation	99,000	6/12/2013	6/30/2014
4/17/2013	Paz-Cruz, Alexander	Civil & Environmntl Eng & Const	The Development of a Small, Easy-to-Use, Prototype GPS Device for the Collection of Crash Location Geospatial Coordinates by Law Enforcement Officers	NV Department of Transportation	166,734	4/1/2013	3/28/2014
4/23/2013	Kim, Kwang	Mechanical Engineering	Advanced Electroactive Polymer Actuators and Sensors for Aerospace Robotic Applications	EPSCoR/National Aeronautics & Space Administration	446,495	1/1/2014	12/31/2016
4/24/2013	Lee, Dong-Chan Yim, Woosoon Culbreth, William Barzilov, Alexander Ladkany, Samaan	Co-PI Co-PI Mechanical Engineering Co-PI Co-PI	Chemistry Mechanical Engineering Polygonal Pipe and Vessel Sections for Use with LBE Reactor Coolant Mechanical Engineering Civil & Environmntl Eng & Const	lakeChime PPRS, Inc	845,880	10/1/2013	9/30/2015
4/29/2013	Stephen, Haroon	Civil & Environmntl Eng & Const	BRIGE: The Role of Landcover Change in Urban Heat Island Effect at Multiple Spatial Scales	National Science Foundation	174,437	1/1/2014	12/31/2016
4/29/2013	Zhao, Hui	Mechanical Engineering	From Macro to Micro/Nano: Career Planning for High School Students Towards a Brighter Future in Biomedical Engineering, Renewable Energy, and Microelectronics	Nevada System of Higher Education	25,000	1/1/2012	6/30/2013
4/23/2013	Jiang, Yingtao Trabia, Mohamed Zhang, Shaoan	Co-PI Co-PI Co-PI	Elec & Comp Engineering Academic Assessment Teaching and Learning	Eastern Kentucky University-FPT	146,946	9/1/2013	8/31/2014
5/1/2013	Schill, Robert Paz-Cruz, Alexander Yfantis, Evangelos	Ctr Eng Matrls Tech (EMITION) Civil & Environmntl Eng & Const Co-PI	Establishing a National Criminal Justice Technology Research, Test and Evaluation Center Development of a Comprehensive GIS Database for Utilities within the Right-of-Way of Computer Science	Nevada Department of Transportation	610,000	6/17/2013	6/30/2015
5/3/2013	Batista, Jacimaria	Civil & Environmntl Eng & Const	Evaluation of Water and Energy Savings Potential at The Brady Linen Facility	Brady Linen Services, LLC	44,830	7/1/2013	12/30/2013
5/6/2013	Gerrity, Daniel	Civil & Environmntl Eng & Const	WRF-11-02: Equivalency of Advanced Treatment Trains for Potable Reuse	Trussell Technologies, Inc	4,731	12/11/2012	2/1/2014
5/7/2013	Zhao, Hui	Mechanical Engineering	Mathematical Modeling of Biomolecule Translocation through Nanopores	National Institutes of Health	6,927	2/13/2012	1/31/2014
5/1/2013	Stephen, Haroon	Civil & Environmntl Eng & Const	NSF EPSCOR Task 5 Impact Publication Supplement	NV System of Higher Education	5,000	4/1/2013	8/31/2013
5/2/2013	Gerrity, Daniel	Civil & Environmntl Eng & Const	WRF-11-08: Formation of Nitrosamines and Perfluorochemicals During Ozonation in Water	So. Nevada Water Authority	14,252	1/1/2012	7/31/2013
5/21/2013	Shrestha, Pramen Said, Aly	Civil & Environmntl Eng & Const Co-PI	An Investigation of an Innovative Maintenance Contracting Strategy: Performance-Based Civil & Environmntl Eng & Const	NV Department of Transportation	80,000	1/11/2012	1/15/2014
5/1/2013	Shrestha, Pramen Said, Aly	Civil & Environmntl Eng & Const Co-PI	Evaluation of Missouri and Nevada DOTs Experience with Performance Based Maintenance Civil & Environmntl Eng & Const	Missouri University of Science and	37,148	1/1/2013	12/31/2013
5/24/2013	Boehm, Robert	Center for Energy Research	Evaluation of the Energy Savings and Load Shifting Potential of a Phase Change Active System	U.S. Department of Energy	749,377	9/1/2013	8/31/2015
6/4/2013	Karakouzian, Moses Hayes, Donald	Civil & Environmntl Eng & Const Co-PI	Pier Nose Project Civil & Environmntl Eng & Const	Clark County Flood Control District	22,958	7/1/2013	12/31/2014
6/3/2013	Karakouzian, Moses	Civil & Environmntl Eng & Const	Evaluation of New Innovations in Rubber Modified Asphalt Binders and Rubberized Asphalt	NV Department of Transportation	374,520	1/1/2014	12/31/2015
6/3/2013	Ghafoori, Nader Paz-Cruz, Alexander	Civil & Environmntl Eng & Const Co-PI	Comparing the Direct Costs and Infrastructure Implications of Anti-Icing Strategies Civil & Environmntl Eng & Const	NV Department of Transportation	140,764	1/2/2014	6/30/2015
6/3/2013	Ghafoori, Nader	Civil & Environmntl Eng & Const	Evaluation of the Benefits of Open Graded Friction Course (OGFC) on NDOT	NV Department of Transportation	168,832	1/2/2014	12/31/2016
6/4/2013	Karakouzian, Moses	Civil & Environmntl Eng & Const	Calibration of Resistance Factors for LRF Design of Axially Loaded Drilled Shafts in Las Vegas	University of Nevada, Reno	31,832	1/1/2014	12/31/2015
6/10/2013	Kim, Kwang	Mechanical Engineering	A Novel Sprayable Surface Sensor	Advanced Materials and Devices, Inc	112,500	3/1/2014	2/28/2015
6/3/2013	Boehm, Robert Batista, Jacimaria	Center for Energy Research Co-PI	The Solar Energy-Water-Environment Nexus in Nevada - Task 3 - Cyber Infrastructure Civil & Environmntl Eng & Const	EPSCoR/National Science Foundation	197,756	6/1/2013	5/31/2014
6/14/2013	Boehm, Robert	Center for Energy Research	NV Energy's Renewable Systems Cleaning and Maintenance Services in the Southern Territory	NV Energy	10,368	6/1/2013	5/31/2014
6/18/2013	Batista, Jacimaria	Civil & Environmntl Eng & Const	Treatability Testing of Hydraulic Fracking Waters	Earl Corporation	20,688	6/7/2013	12/31/2013
6/13/2013	Barzilov, Alexander	Mechanical Engineering	Lead Slowing-Down Spectrometer for Direct Assay of the Fissile Content in Used Nuclear Fuel	Rensselaer Polytechnic Institute	195,000	9/2/2013	8/31/2016
6/13/2013	Teng, Hualiang	Civil & Environmntl Eng & Const	National Summer Transportation Institute Program	University of Nevada, Reno	15,000	6/10/2013	9/30/2013
6/13/2013	Yim, Woosoon Kim, Kwang	Mechanical Engineering Co-PI	Artificial Skins (AS) for Aerospace Robotic Applications Mechanical Engineering	EPSCoR/National Aeronautics & Space	8,640	7/1/2013	3/31/2014
6/13/2013	Yim, Woosoon Kim, Kwang	Mechanical Engineering Co-PI	Artificial Skins (AS) for Aerospace Robotic Applications Mechanical Engineering	EPSCoR/National Aeronautics & Space	5,216	7/1/2013	3/31/2014
6/18/2013	Shrestha, Pramen Gerrity, Daniel Said, Aly Teng, Hualiang	Civil & Environmntl Eng & Const Co-PI Co-PI Co-PI	Compare the Direct Costs and Infrastructure Implications of Anti-Icing Strategies: A Decision Civil & Environmntl Eng & Const Civil & Environmntl Eng & Const Civil & Environmntl Eng & Const	NV Department of Transportation	160,104	1/1/2014	12/31/2015
6/17/2013	Pepper, Darrell	NV Ctr for Adv Comp Methods	FEM for KIVA Combustion Code	Los Alamos Nat'l Lab	148,868	10/1/2013	9/30/2014
6/21/2013	Kim, Kwang	Mechanical Engineering	Compact Venting-Based Cooling System for Airborne High Energy Laser Thermal Management	Advanced Cooling Technologies, Inc	26,598	3/1/2014	2/28/2015
4/23/2013	Copeland, David	Psychology	Public Preference and Perceptions Towards a Bus and Bike Share Lane	Regional Transportation Commission of	76,315	5/15/2013	12/30/2013

Paz-Cruz, Alexander	Co-PI	Civil & Envirnmntl Eng & Const			
			Total	32,280,250	
			Average	225,736	
			Number of Proposals	143	