8/4/2011	Awards						
Award Notice Received	**PI Name**	**Dept**	**Project Title**	**Agency**	**Total**	**Start Date**	**End Date**
07/06/2010	O'Toole, Brendan	Ctr for Materials & Structures	Lightweight Layered Protection Systems for Missile Launchers and Canisters	Stratton Composite Solutions	21,571	6/28/2010	1/28/2011
	Trabia, Mohamed	Co-PI					
	Wilcox, Trevor	Co-PI					
10/15/2010	Sadineni, Suresh	Mechanical Engineering	Solid State Organic PV Cells-Field Evaluation of the Cells - Task 2.6.2	Desert Research Institute	71,421	10/1/2010	12/31/2011
	Boehm, Robert	Co-PI					
10/15/2010	Baghzouz, Yahia	Elec & Comp Engineering	Smart Grid-Balancing Intermittent Renewable Generation with Controllable HVAC Load - Task 7.2.2	Desert Research Institute	45,000	10/1/2010	12/31/2011
10/15/2010	Boehm, Robert	Center for Energy Research	Education and Workforce Development - Task 4.1.2	Desert Research Institute	35,453	10/1/2010	12/31/2011
09/02/2010	Boehm, Robert	Center for Energy Research	Instrumentation and Maintenance of the JX Crystal CPV System Related to the 3M Coating	Various	3,210	8/1/2010	5/31/2011
07/08/2010	Chen, Yitung	Center for Energy Research	Thermochemical Energy Storage	General Atomics	18,000	7/20/2010	3/31/2011
10/15/2010	Baghzouz, Yahia	Elec & Comp Engineering	Education and Workforce Development 2 - Task 4.1.2	Desert Research Institute	29,999	10/1/2010	12/31/2011
09/08/2010	Lowe, Daniel	Mechanical Engineering	Engineering Support of Electromagnetic Pulser - Task 9	National Security Technologies	25,934	9/1/2010	10/31/2010
	O'Brien, Robert	Co-PI					
08/06/2010	Pepper, Darrell	NV Ctr for Adv Comp Methods	NASA Space Grant Consortium-Scholarships & Fellowships-Engineering	Nevada System of Higher Education	15,000	8/1/2009	12/31/2010
09/02/2010	Chen, Yitung	Mechanical Engineering	Advance Heat Exchanger Design for Cryogenic Applications	Kevin Kennedy Associates, Inc	19,154	5/15/2010	2/28/2011
09/08/2010	O'Brien, Robert	Mechanical Engineering	Nanostructured Lanthanum Halides and CeBr3 for Nuclear Radiation Detection - Task 10	National Security Technologies	23,040	9/1/2010	9/23/2010
	Lowe, Daniel	Co-PI					
07/16/2010	Chen, Yitung	Center for Energy Research	Efficient Thermal Management and Temperature Amplification for Lunar Based Systems	National Aeronautics and Space Administration	146,828	10/1/2010	9/30/2012
09/21/2010	Jiang, Yingtao	Elec & Comp Engineering	Development of Thermal Transient Flow Rate Sensors for High Temperature, Irradiation, Corrosive Environment	Battelle Energy Alliance, LLC	344,318	9/13/2010	9/30/2012
09/21/2010	Ahmad, Sajjad	Civil & Env Engineering	Colorado River Flow Estimation	Arizona State University	756	9/8/2010	9/7/2011
09/21/2010	Said, Aly	Civil & Env Engineering	A Study on Recycling Waste Latex Paint in Concrete	Arizona State University	756	9/8/2010	9/7/2011
09/12/2010	Yim, Woosoon	Mechanical Engineering	Development of Ultrafiltration Membrane-Separation Technology for Energy-Efficient Water Treatment and Desalination Process	U.S. Department of Energy	25,000	9/15/2010	9/14/2015
09/24/2010	Schill, Robert	Elec & Comp Engineering	Basic Research on Plasma Cathode for HPM Sources	Air Force Office of Scientific Research	59,999	5/1/2008	8/31/2011
10/07/2010	Paz-Cruz, Alexander	Civil & Env Engineering	Calibration on CORISM Model Under Saturated Traffic Flow Conditions - UTC	Nevada Department of Transportation	115,135	10/1/2010	9/30/2012
	Kachroo, Pushkin	Co-PI					
03/24/2011	Tian, Ying	Civil & Env Engineering	Collaborative Research: Dynamic Disproportionate Collapse in Flat-Plate Buildings	National Science Foundation	159,986	6/1/2011	5/31/2014
	Said, Aly	Co-PI					
10/27/2010	O'Brien, Robert	Mechanical Engineering	Simulation of Dense Plasma Focus Applications - Task 12	National Security Technologies	15,000	11/3/2010	1/31/2011
	Lowe, Daniel	Co-PI					
11/05/2010	O'Toole, Brendan	Ctr for Materials & Structures	High Temp Tooling Mandrels for Composites Fabrication	2 Phase Tech	75,000	8/1/2010	7/31/2011
11/18/2010	O'Brien, Robert	Mechanical Engineering	Neutron Ion Chamber Modeling Task 13	National Security Technologies	46,999	11/18/2010	3/31/2011
	Lowe, Daniel	Co-PI					
02/18/2011	Batista, Jacimaria	Civil & Env Engineering	Estrogen in Wastewater Biosolids	Arizona State University	756	2/14/2011	10/31/2011
10/15/2010	Lee, Joon	Mechanical Engineering	Nevada Renewable Energy Consortium: Task 2.2 Enabling Technology for Solar Energy Development in Nevada	Desert Research Institute	55,688	10/1/2010	12/31/2011
10/15/2010	Shields, David	Dean, College of Engineering	Work Station Computers, Construction Management, Laboratory, UNLV	Nevada Commission on Construction Education	49,080	10/15/2010	6/30/2011
11/17/2010	Paz-Cruz, Alexander	Civil & Env Engineering	Safety and Design Guidelines for Marked and Unmarked Pedestrian Crosswalks at Unsignalized and Midblock Crossing Locations	University of Nevada, Reno	29,999	7/1/2010	6/30/2012
11/17/2010	Teng, Hualiang	Civil & Env Engineering	Safety and Design Guidelines for Marked and Unmarked Pedestrian Crosswalks at Unsignalized and Midblock Crossing Locations	University of Nevada, Reno	30,000	7/1/2010	6/30/2012
11/09/2010	Venkat, Rama	Elec & Comp Engineering	In-situ Monitoring Based Modeling HVPE of Nitrides-Phase 3B	Kyma Technologies Inc	41,000	9/1/2010	11/30/2011
11/15/2010	Latifi, Sharam	Elec & Comp Engineering	NSF EPSCOR RII UNLV Task 6 (Cyber)	EPSCoR/National Science Foundation	17,953	9/1/2008	8/31/2011
11/10/2010	Wang, Zhiyong	Mechanical Engineering	NCIIA Student Ambassador Grant - Juan Carlos Pascua	National Collegiate Inventors and Innovators Alliance	6,000	9/1/2010	6/30/2011
01/07/2011	Baghzouz, Yahia	Elec & Comp Engineering	Recovery Act: A Nationwide Consortium of Universities to Revitalize Electric Power Engineering Education by State-of-the-Art Laboratories - ARRA	University of Minnesota-FPT	8,333	7/30/2010	7/29/2011
11/19/2010	Trabia, Mohamed	Mechanical Engineering	Structural Blast Loading	Blast Containment Inc	96,000	1/1/2009	12/31/2011
	O'Toole, Brendan	Co-PI					
01/18/2011	Yim, Woosoon	Mechanical Engineering	Feasibility Study on the Monitored Retrievable Geological Repository	Sandia National Laboratories	149,380	1/19/2011	1/18/2012
12/15/2010	Boehm, Robert	Center for Energy Research	Evaluation of High Efficiency Dye-Sensitized Solar Cells (DSSC)	Korea Institute of Industrial Technology	30,000	11/1/2010	10/31/2011
01/13/2011	O'Brien, Robert	Mechanical Engineering	Simulation of Dense Plasma Focus Applications - Phase 2 Task 14	National Security Technologies	15,000	1/14/2011	4/4/2011
	Lowe, Daniel	Co-PI					

01/07/2011	Yim, Woosoon	Mechanical Engineering	Short Course for System Engineering	Nevada System of Higher Education	10,600	1/6/2011	3/1/2011
10/01/2010	Kachroo, Pushkin	Transportation Research Center	Child Safety Seats in Nevada - Observational and Behavioral Survey	Nevada Office of Traffic Safety	5,025	10/1/2010	9/30/2011
02/02/2011	Yim, Woosoon	Mechanical Engineering	Short Course Proposal for System Engineering	Nevada System of Higher Education	7,920	1/6/2011	3/1/2011
01/20/2011	Kachroo, Pushkin	Transportation Research Center	Field Test of the Vehicle Miles Traveled (VMT) Study	NV Department of Transportation	337,600	11/8/2010	6/30/2011
	Paz-Cruz, Alexander	Co-PI					
02/24/2011	O'Brien, Robert	Mechanical Engineering	Modeling of Various Neutron Irradiation Chambers Phase 2 - Task 15	National Security Technologies	49,998	2/24/2011	7/31/2011
	Lowe, Daniel	Co-PI					
03/08/2011	Muthukumar, Venkatesan	Transportation Research Center	UPWP 3403-11/14 - Before and After Transit Studies	Regional Transportation Commission of So. Nevada	17,000	1/1/2011	6/30/2013
	Dangeti, Mukund	Co-PI					
03/08/2011	Batista, Jacimaria	Civil & Env Engineering	Potential Treatment of Shale Water	Earl Corporation	35,048	3/1/2011	5/31/2011
02/16/2011	Breen, Erin	Transportation Research Center	Center for Safety and Outreach (Safe Communities Partnership)	Nevada Office of Traffic Safety	34,547	10/1/2010	9/30/2011
02/16/2011	Kachroo, Pushkin	Transportation Research Center	Nighttime Seat Belt Use in Nevada - Observational Study	Nevada Office of Traffic Safety	10,000	10/1/2010	9/30/2011
02/18/2011	Ahmad, Sajjad	Civil & Env Engineering	Documenting and Learning from the 2010 Swat Valley Floods in Pakistan	Arizona State University	756	2/14/2011	10/31/2011
03/04/2011	Wang, Zhiyong	Mechanical Engineering	NCIIA Student Ambassador Travel Grant-Juan Carlo Pascua	National Collegiate Inventors and Innovators Alliance	1,050	9/1/2010	3/30/2011
03/01/2011	Kachroo, Pushkin	Transportation Research Center	Daytime Seat Belt Usage Survey	Nevada Office of Traffic Safety	25,000	10/1/2010	9/30/2011
03/09/2011	Chen, Yitung	Mechanical Engineering	Advance Heat Exchanger Design for Cryogenic Applications	Kevin Kennedy Associates, Inc	9,479	5/15/2010	5/31/2011
03/24/2011	Yim, Woosoon	Mechanical Engineering	Hydrological Database Interface	Sandia National Laboratories	60,912	4/1/2011	3/31/2012
	Lee, Joon	Co-PI					
03/22/2011	O'Brien, Robert	Mechanical Engineering	Neutron Detector Characterization - Task 17	National Security Technologies	9,995	3/22/2011	9/30/2011
	Lowe, Daniel	Co-PI					
03/22/2011	Saberinia, Ebrahim	Elec & Comp Engineering	Fundamental Research on Universal Video Imaging Sensor	Latel Corporation	225,000	2/15/2011	11/30/2012
04/01/2011	Boehm, Robert	Center for Energy Research	Low Cost High Concentration Photovoltaic Systems for Utility Power Generation	Amonix - Federal Pass Through	113,500	7/1/2011	4/30/2012
04/06/2011	Fiore, Nicholas	Dean, College of Engineering	Hands-On Training for Middle and High School Teachers-A Pathway to Engineering Education for Their Students	Nevada System of Higher Education	34,920	3/14/2011	5/4/2012
04/06/2011	Gewali, Laxmi	School of Computer Science	Enhancing Environmetrics Curriculum	Nevada System of Higher Education	3,999	3/14/2011	5/4/2012
04/01/2011	Kachroo, Pushkin	Transportation Research Center	Signal Timing and Coordination Strategies Under Varying Traffic Demands and Inclement Weather Conditions	Nevada Department of Transportation	67,445	6/1/2011	7/31/2012
04/01/2011	O'Toole, Brendan	Mechanical Engineering	Determination of Cracks in Fisher Space Pens Brass Ink Refills	NV System of Higher Education	800	8/1/2010	11/30/2010
04/26/2011	O'Brien, Robert	Mechanical Engineering	Experimental and Simulation Support for Dense Plasma Focus Experiments -Task 18	National Security Technologies	13,996	4/26/2011	6/30/2011
	Lowe, Daniel	Co-PI					
04/05/2011	Kachroo, Pushkin	Transportation Research Center	Development of Remote Erasure of Information Stored on Mobile Phones	Jayn International	30,000	6/1/2011	5/31/2012
05/05/2011	Yim, Woosoon	Mechanical Engineering	II NEW: Collaborative Research: Robotic Catheterization Using Ionic Polymer-Metal Composite Actuator	National Science Foundation	78,887	6/1/2010	5/31/2013
04/01/2011	Kachroo, Pushkin	Transportation Research Center	Combined Data Analysis on NDOT Crash Data and UMC Trauma Data	Nevada Office of Traffic Safety	32,500	10/1/2010	9/30/2011
05/19/2011	Trabia, Mohamed	Mechanical Engineering	Investigation of the Shock Mitigating Properties of Bolted Joint Connections	Hyundai Rotem	84,110	6/1/2011	5/31/2012
	O'Toole, Brendan	Co-PI					
	Thota, Jagadeep	Co-PI					
05/12/2011	Breen, Erin	Transportation Research Center	Center for Safety and Outreach (Safe Communities Partnership)	Nevada Office of Traffic Safety	52,068	10/1/2010	9/30/2011
05/23/2011	Batista, Jacimaria	Civil & Env Engineering	Potential Treatment of Shale Water	Earl Corporation	10,074	3/1/2011	8/31/2011
06/02/2011	Shrestha, Pramen	Dean, College of Engineering	Preparing Guidelines for Speed Reduction in Towns Along Rural Highways	NV Department of Transportation	106,261	6/6/2011	12/31/2012
	Said, Aly	Co-PI					
	Tian, Ying	Co-PI					
06/10/2011	Kachroo, Pushkin	Transportation Research Center	Neutron Tomography - Task 19	National Security Technologies	28,990	6/8/2011	9/30/2011
04/01/2011	Kachroo, Pushkin	Transportation Research Center	University Transportation Center	U.S. Department of Transportation	463,400	7/5/2006	6/30/2012
06/13/2011	Batista, Jacimaria	Civil & Env Engineering	Vivianite Formation Potential at the Clark County Water Reclamation Facility	Clark County Water Reclamation District	16,135	6/13/2011	8/31/2011
04/11/2011	Kachroo, Pushkin	Transportation Research Center	Nighttime Seat Belt Use in Nevada - Observational Study	Nevada Office of Traffic Safety	5,000	10/1/2010	9/30/2011
06/10/2011	O'Brien, Robert	Mechanical Engineering	Data Analysis and Conference Support for SDRD Project RSLN-07-11 Task 20	National Security Technologies	10,000	6/15/2011	7/15/2011
06/22/2011	Ahmad, Sajjad	Civil & Env Engineering	Documenting and Learning from the 2010 Swat Valley Floods in Pakistan Phase II, Summer 2011 Semester	Arizona State University	756	6/1/2011	10/31/2011
06/16/2011	Zhao, Hui	Mechanical Engineering	Studies of Streaming Potentials Generated by a Two-Phase Flow with Applications to Detecting Water Encroachment Towards Oil Wells	American Chem. Society - Petroleum Research Fund	100,000	8/1/2011	8/31/2013
06/22/2011	Batista, Jacimaria	Civil & Env Engineering	Estrogen in Wastewater Biosolids of a Plant Without Anaerobic Digestion - Summer 2011 Semester	Arizona State University	756	6/1/2011	10/31/2011
06/24/2011	Boehm, Robert	Center for Energy Research	Electric Efficiency Evaluation of the Solar Power	Kwangwoon University	10,000	6/1/2011	8/31/2011
06/22/2011	Said, Aly	Civil & Env Engineering	Field Research with Solar Stills and Modeling Performance - Summer Semester 2011	Arizona State University	756	6/1/2011	10/31/2011
06/22/2011	Said, Aly	Civil & Env Engineering	A Study on Recycling Waste Latex Paint in Pervious Concrete - Summer Semester 2011	Arizona State University	756	6/1/2011	10/31/2011
06/07/2011	Kachroo, Pushkin	Transportation Research Center	Daytime Seat Belt Usage Surveys	Nevada Office of Traffic Safety	15,875	10/1/2010	9/30/2011
05/12/2011	Kachroo, Pushkin	Transportation Research Center	Nightime Seat Belt Use in Nevada - Observational Study	Nevada Office of Traffic Safety	21,652	10/1/2010	9/30/2011
EGR: 77					3,969,314		