

Award Notice Received	Awards		Project Title	Agency	Total	Start Date	End Date
	PI Name	Dept					
07/02/2012	Hayes, Donald	Civil & Environmntl Eng & Const	National Transit Research Consortium	San Jose State University	75,000	1/11/2012	12/31/2012
	Teng,Hualiang	Co-PI					
08/22/2012	Ghafoori, Nader	Civil & Environmntl Eng & Const	Use of Geotextile for Strengthening and Reducing Roadway Structural Sections - A	NV Department of Transportation	129,253	10/1/2012	4/30/2014
07/18/2012	Pepper, Darrell	NV Ctr for Adv Comp Methods	An LES Turbulence Model Using CBS with HP-Adaptive FEM for KIVA Combustion Code	Los Alamos Nat'l Lab	64,893	7/8/2012	8/17/2013
07/05/2012	Teng, Hualiang	Civil & Environmntl Eng & Const	Dwight David Eisenhower Transportation Fellowship Program 2012	U.S. Department of Transportation	5,000	9/1/2012	9/1/2013
07/02/2012	Kachroo, Pushkin	Transportation Research Center	Field Test of the Vehicle Miles Traveled (VMT) Study	NV Department of Transportation	392,000	6/25/2012	12/31/2012
07/06/2012	Shrestha, Pramen	Civil & Environmntl Eng & Const	Evaluation of Alternative Project Delivery Methods in Water and Waster Water Facilities Construction	Water Design Build Council	74,432	7/1/2012	12/31/2012
	Batista,Jacimaria	Co-PD/PI					
08/27/2012	Latifi, Sharam	Elec & Comp Engineering	Design and Development of a Laser Beam Controller for Wireless Power Transmission in Space	Nevada System of Higher Education	19,429	7/1/2012	6/30/2013
07/17/2012	Boehm, Robert	Center for Energy Research	Plaza Hotel Chiller Project	CQM Southwest, LLC	14,158	7/13/2012	7/13/2013
07/26/2012	Teng, Hualiang	Civil & Environmntl 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
08/23/2012	Teng, Hualiang	Civil & Environmntl 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
08/21/2012	Trabia, Mohamed	Mechanical Engineering	Impact and Blast Research	Blast Containment Inc	79,598	7/1/2012	6/30/2013
	O'Toole,Brendan	Co-PI					
	Thota,Jagadeep	Co-PI					
08/23/2012	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
09/14/2012	Latifi, Sharam	Elec & Comp Engineering	NSF EPSCOR RII UNLV Task 6 (Cyber)	EPSCoR/National Science Foundation	14,460	9/1/2008	8/31/2013
08/22/2012	Ghafoori, Nader	Civil & Environmntl 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
08/24/2012	Kim, Kwang	Mechanical Engineering	Superior Dropwise Condensation	Korea Institute of Energy Research	45,217	9/1/2012	5/31/2013
09/11/2012	Stephen, Haroon	Civil & Environmntl Eng & Const	Updating the Regional GHG Emissions Inventory	Southern Nevada Regional Planning Coalition	10,000	6/1/2012	5/31/2015
	Piechota,Thomas	Co-PI					
08/23/2012	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
08/21/2012	Hayes, Donald	Transportation Research Center	Enhancing NDOT's Traffic Safety Programs - State	Nevada Department of Transportation	108,769	7/1/2012	6/30/2013
09/21/2012	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
10/24/2012	Sun, Ke-Xun	Elec & Comp Engineering	Center of Excellence for Security Science and Engineering - Task 49	National Security Technologies	320,000	10/24/2012	9/30/2013
	Jiang, Yingtao	Co-PI					
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	3/31/2012
10/05/2012	Yfantis, Evangelos	Computer Science	Benefit Cost Studies	Nevada Department of Transportation	158,000	10/15/2012	6/30/2013
	Paz-Cruz, Alexand	Co-PI					
10/01/2012	Jo, Ju-Yeon	Computer Science	Information Assurance Scholarship Program at UNLV	National Security Agency	32,361	8/27/2012	8/26/2013
	Berghel, Harold	Co-PI					
	Kim, Yoohwan	Co-PI					
10/11/2012	Boehm, Robert	Center for Energy Research	Regional Test Center - Phase I	Sandia National Laboratories	85,000	10/3/2012	3/31/2013
10/22/2012	Baghzouz, Yahia	Elec & Comp Engineering	An Automatic Efficiency Optimizer for Fractional-Horsepower AC Motors	Lawrence Berkeley National Laboratory	20,000	10/22/2012	6/30/2013
10/03/2012	Breen, Erin	Transportation Research Center	Community Center for Traffic Safety Education and Outreach	Nevada Office of Traffic Safety	80,000	10/3/2012	9/30/2013
10/01/2012	Kachroo, Pushkin	Transportation Research Center	Daytime Seatbelt Usage Surveys	Nevada Office of Traffic Safety	17,000	10/1/2012	9/30/2013
10/01/2012	Kachroo, Pushkin	Transportation Research Center	Integration of Analysis of Traffic and Trauma Data Associated with Traffic Crashes	Nevada Office of Traffic Safety	42,297	10/1/2012	9/30/2013
10/22/2012	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
11/14/2012	Breen, Erin	Transportation Research Center	Downtown 360 Bowl	Nevada Office of Traffic Safety	3,500	11/14/2012	9/30/2013
12/03/2012	O'Toole, Brendan	Ctr for Materials & Structures	Plastic Deformation Study Using Light Gas Gun-Task Order 50	National Security Technologies	70,000	11/26/2012	9/30/2013
	Trabia, Mohamed	Co-PI					
12/03/2012	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
	Weber, Eric	Co-PI					
12/04/2012	Kim, Kwang	Mechanical Engineering	Material Engineered Nano Porous Surface for Electronics Cooling	Hyundai Next Generation Vehicle Technology	27,000	12/1/2012	5/31/2013
01/23/2013	Zhao, Hui	Mechanical Engineering	Mathematical Modeling of Biomolecule Translocation through Nanopores	National Institutes of Health	62,341	2/13/2012	1/31/2014
01/24/2013	Kim, Kwang	Mechanical Engineering	II-New: Collaborative Research: Robotic Catheterization Using Ionic Polymer-Metal Composite Actuator	National Science Foundation	168,281	7/1/2012	5/31/2014
01/02/2013	Batista, Jacimaria	Civil & Environmntl Eng & Const	Potential Treatment of Shale Water	Earl Corporation	9,759	3/1/2011	1/31/2013

01/04/2013	Boehm, Robert	Center for Energy Research	Evaluation of a Proprietary Anti-Soiling Treatment for PV Panels	3M	13,457	1/1/2013	12/31/2013
02/01/2013	Kim, Kwang	Mechanical Engineering	Artificial Muscle (AM) Cilia Array for Underwater Systems	Office of Naval Research	135,841	1/1/2013	6/30/2015
02/01/2013	Tian, Ying	Civil & Environmental Eng & Const	Collaborative Research: Dynamic Disproportionate Collapse in Flat-Plate Buildings - REU	National Science Foundation	12,000	6/1/2011	5/31/2014
01/02/2013	Kaseko, Mohamed	Civil & Environmental 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
01/02/2013	Teng, Hualiang	Co-PI	Civil & Environmental Eng & Const				
01/02/2013	Paz-Cruz, Alexander	Civil & Environmental Eng & Const	The Effectiveness of Driver Education and Information Programs in Nevada - NDOT Match	Nevada Department of Transportation	81,581	12/31/2012	6/30/2013
02/11/2013	Copeland, David	Co-PI	Psychology				
02/11/2013	Kachroo, Pushkin	Transportation Research Center	Daytime Seatbelt Usage Surveys	Nevada Office of Traffic Safety	35,774	10/1/2012	9/30/2013
02/27/2013	Yim, Woosoon	Mechanical Engineering	Development of Agile and Robust Consequence Monitoring System	Sandia National Laboratories	149,978	2/27/2013	2/26/2014
01/03/2013	Kaseko, Mohamed	Civil & Environmental 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
03/18/2013	Teng, Hualiang	Co-PI	Civil & Environmental Eng & Const				
03/18/2013	O'Toole, Brendan	Ctr for Materials & Structures	Plastic Deformation Study Using Light Gas Gun-Task Order 50	National Security Technologies	3,839	11/26/2012	8/31/2013
03/11/2013	Trabia, Mohamed	Co-PI	Dean, College of Engineering				
03/11/2013	Rawhouser, Hans	Mgmt, Entrepreneurship & Tech	Las Vegas Lean Startups	National Collegiate Inventors and Innovators Alliance	21,988	9/1/2013	8/31/2016
02/06/2013	Jo, Ju-Yeon	Co-PI	Computer Science				
02/06/2013	Kim, Yoohwan	Co-PI	Computer Science				
02/06/2013	Taylor, Wanda	Applied Geophysics Center	Cataloging Legacy Seismic Data - Task 39	National Security Technologies	215,844	3/29/2012	2/28/2014
01/17/2013	Luke, Barbara	Co-PI	Civil & Environmental Eng & Const				
01/17/2013	O'Brien, Robert	Harry Reid Center	DT Systems Upgrade Support - Task 47	National Security Technologies	169,382	10/1/2012	9/30/2013
04/01/2013	Lowe, Daniel	Co-PI	Mechanical Engineering				
04/01/2013	Morris, Brendan	Transportation Research Center	Next Generation Performance Monitoring Data Needs for Nevada DOT	NV Department of Transportation	105,058	3/27/2013	6/30/2014
06/11/2013	Paz-Cruz, Alexander	Co-PI	Civil & Environmental Eng & Const				
06/11/2013	Teng, Hualiang	Civil & Environmental Eng & Const	Field Test of Slow Moving Traffic Alerting System on Freeways in Las Vegas, Nevada	NV Department of Transportation	84,234	6/19/2013	8/1/2014
06/13/2013	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada	EPSCoR/National Science Foundation	1,579,198	6/1/2013	5/31/2014
05/01/2013	Batista, Jacimaria	Co-PI	Civil & Environmental Eng & Const				
05/01/2013	Gerrity, Daniel	Civil & Environmental Eng & Const	Optimization of Ozone-Biological Activated Carbon Treatment for Potable Reuse Applications	Desert Research Institute	15,000	3/1/2013	2/28/2014
06/28/2013	Reynolds, Douglas	Ctr for Mech & Env Sys Tech	Spine Manikin for Evaluation of Enroute Care: A Test Tool	Primus Solutions	120,000	6/12/2013	6/30/2014
04/04/2013	Boehm, Robert	Center for Energy Research	Regional Test Center - Phase II	Sandia National Laboratories	120,000	10/3/2012	3/31/2014
04/01/2013	Said, Aly	Civil & Environmental Eng & Const	Behavior and Durability of Self-Consolidating Concrete	Missouri University of Science and Technology	32,238	12/15/2012	12/31/2013
04/01/2013	Said, Aly	Civil & Environmental 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
04/01/2013	Shrestha, Pramen	Co-PI	Civil & Environmental Eng & Const				
04/01/2013	Tian, Ying	Co-PI	Civil & Environmental Eng & Const				
04/01/2013	Said, Aly	Civil & Environmental Eng & Const	Evaluation of Long and Short Term Dimensional Properties of Self-Consolidating Concrete in Nevada DOT Projects - Match	NV Department of Transportation	57,174	4/2/2013	5/31/2015
04/01/2013	Shrestha, Pramen	Co-PI	Civil & Environmental Eng & Const				
04/01/2013	Tian, Ying	Co-PI	Civil & Environmental Eng & Const				
04/01/2013	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
06/06/2013	Kachroo, Pushkin	Transportation Research Center	Estimating the Rate of Private Vehicle Non-Registration in Nevada	3M	12,000	6/3/2013	8/31/2013
04/11/2013	Hayes, Donald	Civil & Environmental Eng & Const	National Transit Research Consortium	San Jose State University	75,000	1/11/2012	12/31/2013
06/06/2013	Teng, Hualiang	Co-PI	Civil & Environmental Eng & Const				
06/06/2013	Paz-Cruz, Alexander	Civil & Environmental Eng & Const	Development of a Sophisticated Framework for Value Engineering Analysis	NV Department of Transportation	90,000	6/12/2013	6/30/2014
06/06/2013	Paz-Cruz, Alexander	Civil & Environmental Eng & Const	Development of a Sophisticated Framework for Value Engineering Analysis - State	Nevada Department of Transportation	99,000	6/12/2013	6/30/2014
05/22/2013	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
06/17/2013	Jiang, Yingtao	Co-PI	Elec & Comp Engineering				
06/17/2013	Trabia, Mohamed	Co-PI	Academic Assessment				
06/17/2013	Paz-Cruz, Alexander	Civil & Environmental Eng & Const	Development of a Comprehensive GIS Database for Utilities within the Right-of-Way of Roadways Maintained by the Nevada Department of Transportation	Nevada Department of Transportation	610,000	6/17/2013	6/30/2015
06/03/2013	Yfantis, Evangelos	Co-PI	Computer Science				
06/03/2013	Gerrity, Daniel	Civil & Environmental Eng & Const	WRF-11-02: Equivalency of Advanced Treatment Trains for Potable Reuse	Trussell Technologies, Inc	4,730	12/11/2012	2/1/2014
05/07/2013	Zhao, Hui	Mechanical Engineering	Mathematical Modeling of Biomolecule Translocation through Nanopores	National Institutes of Health	6,927	2/13/2012	1/31/2014
05/01/2013	Stephen, Haroon	Civil & Environmental Eng & Const	NSF EPSCoR Task 5 Impact Publication Supplement	NV System of Higher Education	5,000	4/1/2013	8/31/2013

05/21/2013	Shrestha, Pramen	Civil & Envirnmntl Eng & Const	An Investigation of an Innovative Maintenance Contracting Strategy: Performance-Based Maintenance Contract (PBMC) - Match	NV Department of Transportation	80,000	1/11/2012	1/15/2014
	Said, Aly	Co-PI	Civil & Envirnmntl Eng & Const				
06/18/2013	Shrestha, Pramen	Civil & Envirnmntl Eng & Const	Evaluation of Missouri and Nevada DOTs Experience with Performance Based Maintenance Contracting	Missouri University of Science and Technology	37,148	1/1/2013	12/31/2013
	Said, Aly	Co-PI	Civil & Envirnmntl Eng & Const				
06/19/2013	Karakouzian, Mose	Civil & Envirnmntl Eng & Const	Pier Nose Project	Clark County Flood Control District	22,958	7/1/2013	12/31/2014
	Hayes, Donald	Co-PI	Civil & Envirnmntl Eng & Const				
06/03/2013	Latifi, Sharam	Elec & Comp Engineering	Remote Detection of WMD Based on Hyperspectral Data Processing	Defense Threat Reduction Agency	157,116	6/15/2012	6/14/2015
06/13/2013	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Task 3 - Cyber Infrastructure Research	EPSCoR/National Science Foundation	197,756	6/1/2013	5/31/2014
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
				<b>Total</b>	<b>7,105,520</b>		
				<b>Average</b>	<b>98,688</b>		
				<b>Number of Awards</b>	<b>72</b>		