10/16/2009	***Awards***						
Award Notice Received	***PI Name***	***Dept***	***Project Title***	***Agency***	***Total***	***Start Date***	***End Date***
07/19/2009	Cook, Daniel	Mechanical Engineering	NV NASA Space Grant - Automation Bootcamp	Nevada System of Higher Education	50,000	7/1/2009	3/14/2010
07/07/2009	Ahmad, Sajjad	Civil & Env Engineering	Estimating Surface Soil Moisture Using Artificial Neural Networks	Arizona State University	756	6/2/2009	6/1/2010
08/20/2009	Kachroo, Pushkin	Transportation Research Center	Analysis, Modeling and Design for Traffic Incident Management Systems	Nevada Department of Transportation	99,128	8/18/2009	3/31/2010
Vasudevan,Vinod	Co-PD/PI						
07/14/2009	Ahmad, Sajjad	Civil & Env Engineering	CAREER: Vulnerability of Water Infrastructure to Climate Variability and Change: Implications for Sustainable Water Management - ARRA	National Science Foundation	430,000	8/1/2009	7/31/2014
08/23/2009	Kachroo, Pushkin	Elec & Comp Engineering	NSF Graduate Fellowship - Lillian Ratliff	National Science Foundation	40,500	9/1/2009	8/31/2010
09/16/2009	Kachroo, Pushkin	Transportation Research Center	Vehicle-Infrastructure Integration Enabled Plug-In Hybrid Electric Vehicles for Energy Management	Clemson University	69,135	8/15/2009	7/31/2012
07/07/2009	Said, Aly	Civil & Env Engineering	Properties of Nano-Modified Concrete	Arizona State University	756	6/2/2009	6/1/2010
07/07/2009	Said, Aly	Civil & Env Engineering	New Equation for Concrete Adhesive Anchors	Arizona State University	756	6/2/2009	6/1/2010
07/20/2009	Boehm, Robert	Center for Energy Research	Dramatic Residential Demand Reduction in the Desert Southwest - ARRA	U.S. Department of Energy	5,724,709	9/30/2008	10/1/2013
09/18/2009	Batista, Jacimaria	Civil & Env Engineering	Biodiesel Production from Microalgae Lipids	Arizona State University	756	9/8/2009	9/7/2010
07/07/2009	Yim, Woosoon	Mechanical Engineering	RI: Collaborative Research: Intelligent Microwave Power Transmission and Control System for Artificial Muscle-Driven Biomimetic Robotic Systems	National Science Foundation	75,836	9/1/2007	8/31/2010
07/16/2009	Boehm, Robert	Center for Energy Research	TNAH2010 Broniek's Project	Various	806	6/8/2009	11/8/2009
07/14/2009	Ahmad, Sajjad	Civil & Env Engineering	Career: Vulnerability of Water Infrastructure to Climate Variability and Change: Implications of Sustainable Water Management - REU - ARRA	National Science Foundation	30,000	8/1/2009	7/1/2014
09/04/2009	Lowe, Daniel	Mechanical Engineering	Co-Axial DPF Engineering Support - Task 1	National Security Technologies	24,991	7/24/2009	9/30/2009
O'Brien,Robert	Co-PD/PI						
08/15/2009	Breen, Erin	Transportation Research Center	Thursday Night Lights	Nevada Office of Traffic Safety	31,545	8/15/2009	9/30/2009
07/30/2009	Chen, Yitung	Mechanical Engineering	Thermochemical Energy Storage	General Atomics	9,695	7/30/2009	12/15/2009
07/31/2009	Chen, Yitung	Mechanical Engineering	Using TCA to Study Cadmium Quenching Kinetics	General Atomics Corporation	5,000	7/31/2009	12/15/2009
08/14/2009	Lowe, Daniel	Mechanical Engineering	Drag Reduction Proof of Principle Research	University of Nevada, Las Vegas	6,000	4/15/2009	12/31/2009
O'Brien,Robert	Co-PD/PI						
08/19/2009	Culbreth, William	Mechanical Engineering	UAS Nightwind Engineering Support	Unmanned Aerial Systems Inc.	20,000	4/1/2009	12/31/2009
Wilcox,Trevor	Co-PD/PI						
08/21/2009	Trabia, Mohamed	Mechanical Engineering	Structural Blast Loading	Blast Containment Inc	74,291	1/1/2009	12/31/2009
O'Toole,Brendan	Co-PD/PI						
08/11/2009	Jiang, Yingtao	Elec & Comp Engineering	NSF EPSCOR RII UNLV Task 7 (Education) Fellowship - Jin, Yan	NV System of Higher Education	25,000	7/1/2009	8/31/2010
09/04/2009	Yfantis, Evangelos	School of Computer Science	MatLab Programming Support for End-of-Enrichment Reconstruction Project	National Security Technologies	5,000	3/30/2009	9/30/2009
09/14/2009	Schill, Robert	Elec & Comp Engineering	Anechoic Diagnostic Chamber for Basic Research in Electro-Energetic Physics-Supplement	Air Force Office of Scientific Research	140,000	9/15/2008	1/14/2010
08/11/2009	Pepper, Darrell	NV Ctr for Adv Comp Methods	NV Space Grant Consortium - Scholarships and Fellowships - Engineering	Nevada System of Higher Education	15,000	8/1/2009	12/31/2009
09/29/2009	Culbreth, William	Mechanical Engineering	MCNPX Modeling for a White Neutron Spectrum Interrogation Method - Task 2	National Security Technologies	4,997	9/25/2009	9/30/2009
10/22/2009	Boehm, Robert	Center for Energy Research	Low Cost High Concentration Photo Voltaic Systems for Utility Power Generation	Amonix - Federal Pass Through	319,223	1/1/2008	12/31/2009
10/01/2009	Breen, Erin	Transportation Research Center	Thursday Night Lights	Nevada Office of Traffic Safety	35,445	10/1/2009	9/30/2010
11/20/2009	Schill, Robert	Elec & Comp Engineering	Electromagnetic Effects on Commercial Blasting Caps - Task 3	National Security Technologies	343,537	11/19/2009	9/30/2010
10/12/2009	Chen, Yitung	Mechanical Engineering	Using TGA to Study the Forward and Reverse Reactions of the Decomposition of Cadimum Oxide	Sandia National Laboratories	3,350	1/30/2008	10/31/2009
10/20/2009	Boehm, Robert	Center for Energy Research	Thermal Storage Analysis For Trough Power Systems	Nat'l Renewable Energy Lab	199,210	10/20/2009	5/19/2011
10/20/2009	Schill, Robert	Elec & Comp Engineering	Non-Thermionic Emission, Plasma Cathode for Sealed Magnetrons	Ktech Corporation	32,840	10/7/2009	3/15/2010

10/14/2009	Breen, Erin	Transportation Research Center	Center for Safety Research and Outreach (Safe Communities Partnership)	Nevada Office of Traffic Safety	53,650	10/1/2009	9/30/2010
10/20/2009	Reynolds, Douglas	Ctr for Mech & Env Sys Tech	Shock and Vibration Isolation System for Patient Litters in Ground and Air Medical Evacuation	Battelle Energy Alliance, LLC	720,000	9/9/2009	9/8/2011
Landsberger,Brian (BJ)	Co-PI						
10/26/2009	Latifi, Sharam	Elec & Comp Engineering	NSF EPSCOR RII UNLV Task 6 (Cyber)	EPSCoR/National Science Foundation	23,566	9/1/2008	8/31/2010
11/19/2009	Breen, Erin	Transportation Research Center	Center for Safety Research and Outreach (Safe Communities Partnership)	Nevada Office of Traffic Safety	25,516	10/1/2009	9/30/2010
11/24/2009	Schill, Robert	Elec & Comp Engineering	Basic Research on Plasma Cathode for HPM Sources	Air Force Office of Scientific Research	165,005	5/1/2008	10/31/2010
12/03/2009	Trabia, Mohamed	Mechanical Engineering	NASA Space Grant: Autonomous Zero-Gravity Waste Sorter	Nevada System of Higher Education	3,105	12/1/2009	3/14/2010
11/16/2009	Pepper, Darrell	NV Ctr for Adv Comp Methods	NASA Space Grant Consortium-Scholarships & Fellowships-Engineering	Nevada System of Higher Education	5,000	8/1/2009	3/1/2010
11/17/2009	Schill, Robert	Elec & Comp Engineering	Non-Thermionic Emission, Plasma Cathode for Sealed Magnetrons	Ktech Corporation	4,000	10/7/2009	3/15/2010
11/16/2009	Chen, Yitung	Mechanical Engineering	Thermochemical Energy Storage	General Atomics	4,997	7/30/2009	12/15/2009
11/20/2009	Yfantis, Evangelos	School of Computer Science	Algorithm and Programming Support for End-of-Enrichment Reconstruction II Project - Task 4	National Security Technologies	50,171	11/19/2009	9/30/2010
12/24/2009	Das, Biswajit	Nevada Nanotechnology Center	Nanostructure Based Multispectral Detectors	UNLV/Research Foundation FPT	5,000	1/1/2006	6/30/2010
03/03/2010	Boehm, Robert	Center for Energy Research	Low Cost High Concentration Photovoltaic Systems for Utility Power Generation	Amonix - Federal Pass Through	350,000	1/1/2008	12/31/2010
02/05/2010	Boehm, Robert	Center for Energy Research	Preliminary Evaluation of a 12 kWt Protable Solar Concentrator	Diversified Solar Products	15,000	2/1/2010	6/9/2010
02/12/2010	Ahmad, Sajjad	Civil & Env Engineering	Losing the Lake: Promoting Sustainability Awareness	Arizona State University	756	1/29/2010	1/28/2011
02/12/2010	Luke, Barbara	Civil & Env Engineering	Seismic Surveys in Stewart Valley	Arizona State University	756	1/29/2010	1/28/2011
02/12/2010	Said, Aly	Civil & Env Engineering	Modeling the Performance of Solar Stills Using Artificial Neural Networks	Arizona State University	756	1/29/2010	1/28/2011
02/12/2010	Said, Aly	Civil & Env Engineering	A Study on Recycling Latex Paint in Concrete	Arizona State University	756	1/29/2010	1/28/2011
02/12/2010	Batista, Jacimaria	Civil & Env Engineering	Biodiesel Production from Microalgae Grown Under Limiting Nitrogen	Arizona State University	756	1/29/2010	1/28/2011
02/12/2010	O'Brien, Robert	Mechanical Engineering	DPF Engineering/Physics Support - Task 7	National Security Technologies	89,999	2/12/2010	12/31/2010
	Lowe,Daniel	Co-PI					
01/20/2010	O'Brien, Robert	Mechanical Engineering	Neutron Coincidence Modeling Support - Task Order 6	National Security Technologies	29,998	1/20/2010	8/31/2010
	Lowe,Daniel	Co-PI					
02/19/2010	Cook, Daniel	Mechanical Engineering	NV NASA Space Grant - Automation Bootcamp	Nevada System of Higher Education	29,693	7/1/2009	3/1/2011
02/03/2010	Pepper, Darrell	NV Ctr for Adv Comp Methods	Extraterrestrial Habitation: Design and Fabrication of Habitats for the Moon and Mars	Nevada System of Higher Education	58,075	11/20/2009	8/19/2010
	Ghafoori,Nader	Co-PI					
01/11/2010	Pepper, Darrell	NV Ctr for Adv Comp Methods	KIVA - hpFE Upgrade	Los Alamos Nat'l Lab	42,692	1/11/2010	9/30/2010
01/20/2010	Pepper, Darrell	NV Ctr for Adv Comp Methods	NASA Space Grant Consortium-Scholarships & Fellowships-Engineering	Nevada System of Higher Education	5,000	8/1/2009	3/1/2010
03/16/2010	Pepper, Darrell	NV Ctr for Adv Comp Methods	NASA Space Grant Consortium-Scholarships & Fellowships-Engineering	Nevada System of Higher Education	5,000	8/1/2009	12/31/2010
01/07/2010	Yfantis, Evangelos	School of Computer Science	Algorithms and Programming for End-of-Enrichment (Pattern Recognition) Reconstruction - Task 5	National Security Technologies	21,500	12/23/2009	4/1/2010
06/10/2010	O'Brien, Robert	Mechanical Engineering	Neutron Coincidence Modeling Support - Task Order 6	National Security Technologies	11,596	1/20/2010	8/31/2010
	Lowe, Daniel	Co-PI					
06/10/2010	Saberinia, Ebrahim	Elec & Comp Engineering	Assessing Sensing Feasibility for Secondary Network in Cognitive Radio	Global Defense Electronics, Inc	30,000	9/24/2009	8/31/2010
05/07/2010	Chen, Yitung	Mechanical Engineering	Advance Heat Exchanger Design for Cryogenic Applications	Kevin Kennedy Associates, Inc	13,219	5/15/2010	8/15/2010
05/07/2010	Sadineni, Suresh	Mechanical Engineering	Sizing and Performance Predictions for Solar Installations	Fusion Green Tech. LLC	1,875	5/1/2010	8/15/2010

05/20/2010	Yim, Woosoon	Mechanical Engineering	II NEW: Collaborative Research: Robotic Catheterization Using Ionic Polymer-Metal Composite Actuator	National Science Foundation	155,000	6/1/2010	5/31/2011
06/17/2010	Yim, Woosoon	Mechanical Engineering	Nuclear Repository Information and Monitoring Project	Sandia National Laboratories	69,753	5/1/2008	12/31/2010
04/28/2010	Breen, Erin	Transportation Research Center	Nevada Moves Bikes	Nevada Department of Health and Human Services - Health Div	1,000	4/1/2010	7/31/2010
06/29/2010	Trabia, Mohamed	Mechanical Engineering	Structural Blast Loading	Blast Containment Inc	166,860	1/1/2009	12/31/2010
	O'Toole, Brendan	Co-PI					
06/09/2010	Ahmad, Sajjad	Civil & Env Engineering	Losing the Lake: Promoting Sustainability Awareness Through Educational Computer Simulations of Lake Mead Water Levels and Water Supply to the Las Vegas Valley	Arizona State University	756	6/2/2010	6/1/2011
06/09/2010	Said, Aly	Civil & Env Engineering	A Study on Recycling Waste Latex Paint in Concrete	Arizona State University	756	6/2/2010	6/1/2011
06/09/2010	Said, Aly	Civil & Env Engineering	Modeling the Performance of Solar Stills Using Artificial Neural Networks	Arizona State University	756	6/2/2010	6/1/2011
06/10/2010	Yim, Woosoon	Mechanical Engineering	Nuclear Repository Information and Monitoring Project	Sandia National Laboratories	15,247	5/1/2008	12/31/2010
06/14/2010	Landsberger, Brian	Mechanical Engineering	Effects of Typical Inlet Conditions on Air Outlet Performance	Amer Soc of Heating, Refrig., & Aircond. Engrs., Inc.	35,762	4/1/2009	3/31/2011
	Reynolds, Douglas	Co-PI					
06/14/2010	Reynolds, Douglas	Ctr for Mech & Env Sys Tech	ASHRAE Duct Sound Attenuation	Amer Soc of Heating, Refrig., & Aircond. Engrs., Inc.	70,306	9/1/2008	8/31/2010
06/17/2010	Venkat, Rama	Elec & Comp Engineering	In-Situ Monitoring Based Modeling HVPE of Nitrides-Phase I and Phase III	Kyma Technologies Inc	30,000	5/3/2010	12/3/2010
05/17/2010	Paz-Cruz, Alexande	Civil & Env Engineering	Sustainable Planning for Large-Scale Transportation Systems: A Dynamic Simulation-Based Model for the Las Vegas Valley	U.S. Department of Energy	46,600	7/1/2010	6/30/2012
	Batista, Jacimaria	Co-PI					
	Trabia, Mohamed	Co-PI					
	Schlottmann, Alan	Co-PI					
05/17/2010	Zhao, Hui	Mechanical Engineering	Towards Economically Competitive Nanocrystal-Based Solar Cells Through a Novel Nano Fabrication Technology Using Electric Fields	U.S. Department of Energy	46,395	7/1/2010	6/30/2012
	Jiang,Yingtao	Co-PI					
					10,224,890		