

4/16/2013	Proposals						
Submit Date	PI Name	Dept	Project Title	Agency	Total	Proposed Start Date	Proposed End Date
1/2/2013	Batista, Jacimaria	Civil & Envirnmntl Eng & Const	Potential Treatment of Shale Water	Earl Corporation	9,759	3/1/2011	1/31/2013
1/4/2013	Yfantis, Evangelos	Computer Science	Citizen Forester: A Volunteer-Driven Urban Tree Monitoring Program	U.S. Forest Service	85,000	4/1/2013	3/31/2015
	Palmer, Craig	Co-PI	Harry Reid Center				
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 & Envirnmntl 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
	Hsieh, Sean	Co-PI	Mechanical Engineering				
1/14/2013	Boehm, Robert	Center for Energy Research	Collaborative Proposal: Energy Sustainability Remote Laboratory (ERSL)	National Science Foundation	179,864	6/1/2013	5/31/2015
1/2/2013	Stephen, Haroon	Civil & Envirnmntl Eng & Const	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
	Ahmad, Sajjad	Co-PI	Civil & Envirnmntl Eng & Const				
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
	Gerrity, Daniel	Co-PI	Civil & Envirnmntl Eng & Const				
1/3/2013	Kaseko, Mohamed	Civil & Envirnmntl 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
	Teng, Hualiang	Co-PI	Civil & Envirnmntl Eng & Const				
1/23/2013	Zhao, Hui	Mechanical Engineering	Mathematical Modeling of Biomolecule Translocation through Nanopores	National Institutes of Health	62,341	2/13/2012	1/31/2014
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
	Culbreth, William	Co-PI	Mechanical Engineering				
	Sun, Ke-Xun	Co-PI	Elec & Comp Engineering				
2/26/2013	Morris, Brendan	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
	Stephen, Haroon	Co-PI	School of Env and Pub Affairs				
2/19/2013	Gerrity, Daniel	Civil & Envirnmntl Eng & Const	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
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
3/5/2013	Paz-Cruz, Alexander	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
	Barzilov, Alexander	Co-PI	Mechanical Engineering				
3/24/2013	Boehm, Robert	Center for Energy Research	Regional Test Center - Phase II	Sandia National Laboratories	120,000	10/3/2012	3/31/2014
3/11/2013	Reynolds, Douglas	Ctr for Mech & Env Sys Tech	Spine Manikin for Evaluation of Enroute Care: A Test Tool	Primus Solutions	120,000	4/1/2013	9/30/2014
3/11/2013	Shrestha, Pramen	Civil & Envirnmntl Eng & Const	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
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
3/11/2013	Teng, Hualiang	Civil & Envirnmntl Eng & Const	Mineta National Transportation Consortium	San Jose State University	100,000	9/30/2013	9/30/2017
	Hayes, Donald	Co-PI	Civil & Envirnmntl Eng & Const				
3/11/2013	Teng, Hualiang	Civil & Envirnmntl Eng & Const	FY 13 University Transportation Center Program	Marshall University	200,000	7/1/2013	6/30/2014
3/18/2013	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
	Trabia, Mohamed	Co-PI	Dean, College of Engineering				
3/11/2013	Zhao, Hui	Mechanical Engineering	Development of a Multi-Scale Mathematical Model for Chip-Based Chromatography	National Institutes of Health	142,410	2/1/2014	1/31/2016

3/18/2013	Kaseko, Mohamed	Civil & Envirnmntl Eng & Const	Safety and Operations of Large-Area Rural/Urban Intermodal Systems (SOLARIS)	University of Nevada, Reno	300,000	9/30/2013	9/29/2016
3/18/2013	Paz-Cruz, Alexander	Civil & Envirnmntl Eng & Const	Performance, Demand Modeling and Situation Assessment for Public Transportation Services	University of Arizona - FPT	150,000	10/1/2013	9/30/2015
	Morris, Brendan	Co-PI	Elec & Comp Engineering				
3/28/2013	Said, Aly	Civil & Envirnmntl Eng & Const	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 & Envirnmntl 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
	Shrestha, Pramen	Co-PI	Civil & Envirnmntl Eng & Const				
	Tian, Ying	Co-PI	Civil & Envirnmntl Eng & Const				
EGR	31				Total 4,880,575		
3/11/2013	Rawhouser, Hans	Mgmt, Entrepreneurship & Tech	Las Vegas Lean Startups	National Collegiate Inventors and Innovators Alliance	21,988	9/1/2013	8/31/2016
	Jo, Ju-Yeon	Co-PI	Computer Science				
	Kim, Yoohwan	Co-PI	Computer Science				
2/6/2013	Taylor, Wanda	Applied Geophysics Center	Cataloging Legacy Seismic Data - Task 39	National Security Technologies	215,844	3/29/2012	2/28/2014
	Luke, Barbara	Co-PI	Civil & Envirnmntl Eng & Const				
1/17/2013	O'Brien, Robert	Harry Reid Center	DT Systems Upgrade Support - Task 47	National Security Technologies	169,382	10/1/2012	9/30/2013
	Lowe, Daniel	Co-PI	Mechanical Engineering				