

10/16/2015	<b>Proposals July 1, 2015 - September 30, 2015</b>						
<b>Submit Date</b>	<b>PI Name</b>	<b>Dept</b>	<b>Project Title</b>	<b>Agency</b>	<b>Total</b>	<b>Proposed Start Date</b>	<b>Proposed End Date</b>
7/1/2015	Shrestha, Pramen	Civil & Envirnmntl Eng & Const	Self-Consolidating Concrete (SCC) for Precast Prestressed Bridge Girders	Pennsylvania State University	10,879	10/1/2015	9/30/2016
7/1/2015	Shrestha, Pramen	Civil & Envirnmntl Eng & Const	Microsurfacing, Slurry Seals and Chip Seal Quality Assurance Best Practices Tech Briefs	NV Department of Transportation	149,960	10/1/2015	9/30/2016
7/1/2015	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - UROP Scholarships	NV System of Higher Education	750	11/1/2014	10/31/2015
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
	Regner, Kurt	Co-PI	School of Life Sciences				
7/6/2015	Boehm, Robert	Center for Energy Research	Regional Test Center Continuation	Sandia National Laboratories	34,725	10/3/2012	12/31/2015
7/7/2015	Wang, Zhiyong	Mechanical Engineering	Guidelines to Evaluate and Perform Life-Cycle Cost Maintenance, Improvement and Retrofit of Pavement Marking Materials in Nevada	NV Department of Transportation	25,187	1/1/2016	12/30/2017
7/10/2015	Culbreth, William	Mechanical Engineering	Molten Salt Research	Office of Naval Research	250,000	11/30/2015	11/30/2017
	Ladkany, Samaan	Co-PI	Civil & Envirnmntl Eng & Const				
7/9/2015	Hartmann, Thomas	Mechanical Engineering	Characterization of RERTR Fuel Plates	Idaho National Laboratory	58,000	9/9/2013	9/30/2016
7/8/2015	Zhan, Justin (Zhijun)	Mechanical Engineering	Patient-Centered Electronic Care Support System for Type 2 Diabetes	U.S. Army Research Office	267,590	1/1/2016	6/30/2018
7/13/2015	Latifi, Sharam	Elec & Comp Engineering	Sustaining Human Health in Space for Long Missions	EPSCoR/National Aeronautics & Space Administration	100,000	9/1/2015	8/31/2016
7/15/2015	Moon, Jaeyun	Mechanical Engineering	3D Additive Manufacturing Capability for Space Applications: Research Infrastructure Development	EPSCoR/National Aeronautics & Space Administration	100,000	10/1/2015	9/30/2016
	Kim, Kwang	Co-PI	Mechanical Engineering				
7/16/2015	Kim, Si Jung	Dean, College of Engineering	The STEM Factory - A Collaborative STEM Learning Conveyor Belt with the Learning of Unmanned Aerial Vehicles (UAVs) Building Process	EPSCoR/National Aeronautics & Space Administration	99,995	10/1/2015	9/30/2016
	James, David	Co-PI	Civil & Envirnmntl Eng & Const				
7/16/2015	Gerrity, Daniel	Civil & Envirnmntl Eng & Const	Assessment, Purification and Reuse of Tesla Gigafactory Wastewater Streams - Task 1	Tesla Motors	50,000	8/20/2015	8/20/2016
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
	Moon , Jaeyun	Co-PI	Mechanical Engineering				
	Kim, Kwang	Co-PI	Mechanical Engineering				
7/21/2015	Morris, Brendan	Elec & Comp Engineering	CAREER: Understanding Human Behavior for Autonomous Driving	National Science Foundation	496,955	8/1/2016	7/31/2021
7/22/2015	Stephen, Haroon	Civil & Envirnmntl Eng & Const	CAREER: Morphology Dependent Flooding in Urban Micro-Watersheds: An Integration of Hydologic and 3D City Modeling in GIS	National Science Foundation	511,035	1/1/2016	12/31/2020
7/28/2015	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Task 2 - Nexus Research	EPSCoR/National Science Foundation	1,331,270	6/1/2013	5/31/2018
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
7/28/2015	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Task 3 - Cyber Infrastructure Research	EPSCoR/National Science Foundation	110,808	6/1/2013	5/31/2018
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
8/12/2015	Venkat, Rama	Dean, College of Engineering	NASA Teledyne Mentor-Protégé Program	Teledyne Brown Engineering, Inc-FPT	22,899	8/3/2015	9/30/2015

	Bernacki, Matthew	Co-PI	Educ Psy & Higher Edu				
	Nasoz, Fatma	Co-PI	Computer Science				
	Watkins, Helgo	Co-PI	Dean, College of Fine Arts				
9/2/2015	Ghafoori, Nader	Civil & Environmntl Eng & Const	Joint Sawing Practices and Effects on Concrete Durability	University of Nevada, Reno	107,879	12/1/2015	11/30/2016
9/1/2015	Kim, Kwang	Mechanical Engineering	Advanced Transport Technologies for NASA Thermal Management/Control Systems - State Match	NV System of Higher Education	115,729	7/1/2015	6/30/2018
9/2/2015	Ghafoori, Nader	Civil & Environmntl Eng & Const	Limiting Cracks in Bridge Decks	University of Nevada, Reno	98,642	12/1/2015	11/30/2016
9/2/2015	Ghafoori, Nader	Civil & Environmntl Eng & Const	Surface Resistivity for Concrete Quality Assurance	University of Nevada, Reno	108,742	12/1/2015	11/30/2016
8/14/2015	Bansal, Shubhra	Center for Energy Research	CAREER: Defect Engineering and Degradation Science of Perovskite Solar Cells - An Integrated Materials and Device Approach	National Science Foundation	608,063	1/1/2016	12/31/2020
8/18/2015	Baghzouz, Yahia	Elec & Comp Engineering	Further Testing on the Temperature Rise of Conductors on Roof-Mounted Conduits	Intl Association of Electrical Inspectors-So NV Chapter	9,658	7/1/2015	9/30/2015
8/5/2015	Culbreth, William	Mechanical Engineering	DT Systems Upgrade Support - Task 15	National Security Technologies	44,985	8/5/2015	2/29/2016
9/10/2015	Paz-Cruz, Alexander	Transportation Research Center	Field Test of a New Mobile System for the Collection of Crash and Citation Data in Nevada	University of Nevada, Reno	57,793	12/1/2015	11/30/2016
9/10/2015	Paz-Cruz, Alexander	Transportation Research Center	Field Test of a New Mobile System for the Collection of Crash and Citation Data in Nevada - Match	Univ. of Nevada, Reno	57,794	12/1/2015	11/30/2016
9/1/2015	Pepper, Darrell	NV Ctr for Adv Comp Methods	A Hybrid Double Adaptive Technique for Predicting the Onset and Dispersion of Contaminants from Hydraulic Fracturing	National Science Foundation	344,293	1/1/2016	12/31/2018
9/4/2015	Barzilov, Alexander	Mechanical Engineering	Nuclear Science and Engineering Nonproliferation Research Consortium	South Dakota School of Mines and Technology	2,895,975	7/1/2016	6/30/2021
9/4/2015	Paz-Cruz, Alexander	Transportation Research Center	Feasibility of Sister Ports in Nevada to Reduce Truck Traffic and Promote Economic Development	University of Nevada, Reno	55,915	12/1/2015	11/30/2016
9/4/2015	Paz-Cruz, Alexander	Transportation Research Center	Feasibility of Sister Ports in Nevada to Reduce Truck Traffic and Promote Economic Development - Match	Univ. of Nevada, Reno	55,915	12/1/2015	11/30/2016
9/3/2015	Stephen, Haroon	Civil & Environmntl Eng & Const	Understanding Urban Flooding Through Geospatial Modeling of Time-Varying Drainage Networks	National Science Foundation	224,853	8/1/2016	7/31/2019
9/3/2015	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Diversity - Task 7 (Year 3)	EPSCoR/National Science Foundation	1,440	8/1/2015	7/31/2016
	Batista, Jacimaria	Co-PI	Civil & Environmntl Eng & Const				
9/25/2015	James, David	Civil & Environmntl Eng & Const	Evaluation of Solar Distillate Effectiveness for Cleaning Solar Panels, Collectors and Mirrors	EPSCoR/National Science Foundation	30,000	1/1/2016	12/31/2016
9/10/2015	Stefik, Andy	Computer Science	Collaborative Research: ECR Level 1: Vibratory Touchscreen as a Mechanism for 2D and 3D Geometric Information Display for Blind and Visually Impaired Students	National Science Foundation	214,754	8/1/2016	7/31/2019
9/24/2015	Muthukumar, Venkatesan	Elec & Comp Engineering	Solar Irradiation Forecasting and Integration for UNLV Microgrid	EPSCoR/National Science Foundation	29,654	1/1/2016	12/31/2016
9/22/2015	Mauer, Georg	Dean, College of Engineering	High-Achiever Scholarship Program for Underserved Minority Students in Engineering and Computer Science	National Science Foundation	999,411	7/1/2016	6/30/2021
	Jiang, Yingtao	Co-PI	Elec & Comp Engineering				
	Yang, Mei	Co-PI	Elec & Comp Engineering				

9/15/2015	Tian, Ying	Civil & Environmntl Eng & Const	Collaborative Research: New Flat-Plate Steel Structural System Engaging Floor Slabs as Multiple Tuned Mass Dampers	National Science Foundation	277,742	6/1/2016	5/31/2019
9/16/2015	Batista, Jacimaria	Civil & Environmntl Eng & Const	Hydrogenotrophic Percholate and Nitrate Reduction for Groundwater and Vadose Zone Remediation	USA-Israel Binational Agricultural Rsrch & Devpmnt Fund	169,000	12/1/2015	11/30/2018
9/10/2015	Taghva, Kazem	Computer Science	SHF: Large: Collaborative Research: PXGL: Cyberinfrastructure for Scalable Graphic Execution	New Mexico State Univ.	9,587	9/18/2015	12/31/2015
8/28/2015	Zhan, Justin (Zhijun)	Computer Science	BIGDATA: Mid-Scale: ESCE: DCM: Collaborative Research: DataBridge - A - Sociometric System for Long-Tail Science Data Collections	National Science Foundation	102,961	8/1/2015	10/31/2016
<b>EGR</b>	<b>40</b>			<b>Total</b>	<b>10,240,838</b>		
9/25/2015	Inouye, Jillian	School of Nursing	Interdisciplinary Bridges to the Doctorate	National Institutes of Health	942,586	7/1/2016	6/30/2021
	<b>Trabia, Mohamed</b>	<b>Co-PI</b>	Mechanical Engineering				