

10/5/2016	Proposals						
Submit Date	PI Name	Dept	Project Title	Agency	Total	Proposed Start Date	Proposed End Date
7/6/2016	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Solar Energy Lab Kits	NV System of Higher Education	5,000	6/1/2016	4/30/2017
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
7/6/2016	Kachroo, Pushkin	Elec & Comp Engineering	Deep Intelligence Based Optimal Real-Time Hierarchical Planning, Design, Operation and Visualization of Human and Machine Integrated Systems	National Aeronautics and Space Administration	477,757	1/1/2017	12/31/2019
7/5/2016	Paz-Cruz, Alexander	Transportation Research Center	Development of a Congestion Monitoring System for Nevada to Track, Monitor and Mitigate Congestion on Nevada's Roadway Network	Nevada Department of Transportation	178,587	1/1/2017	12/31/2017
7/6/2016	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - UROP Scholarships (Diversity Plan) Task 7	NV System of Higher Education	4,750	7/1/2016	5/31/2017
	Regner, Kurt	Co-PI	School of Life Sciences				
7/6/2016	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - UROP Scholarships (Workforce Development) Task 5	NV System of Higher Education	9,500	7/1/2016	5/31/2017
	Regner, Kurt	Co-PI	School of Life Sciences				
7/8/2016	Zhao, Hui	Mechanical Engineering	Nanostructure-Enhanced Solution-Phase Nanoplasmonic Biosensing Devices for Rapid Detection of Foodborne Pathogens	U.S. Department of Agriculture	150,000	2/1/2017	1/31/2019
7/13/2016	Bein, Wolfgang	Ctr for Info Tech & Algorithms	US-Japan Planning Visit on Power Management, Energy-Efficient Computing and Smart Control for Alternative Energy	National Science Foundation	5,000	8/1/2014	7/31/2017
7/8/2016	Zhan, Justin (Zhijun)	Computer Science	Establishing an Army Educational Outreach Program Site in Data Science and Engineering at University of Nevada, Las Vegas	Technology Student Association	13,333	6/1/2016	9/30/2016
7/12/2016	Zhan, Justin (Zhijun)	Computer Science	NIST-NICE Workforce Development	National Institute of Standards & Technology	200,000	10/1/2016	1/31/2018
7/14/2016	Moon, Jaeyun	Mechanical Engineering	3D Additive Manufacturing Capability for Space Applications: Research Infrastructure Development	EPSCoR/National Aeronautics & Space Administration	99,966	10/1/2016	9/30/2017
7/20/2016	Moon, Jaeyun	Center for Energy Research	CAREER: Electron and Thermoelectric Behavior in 2D Sulfide Crystals and Carbon Nanotubes Composites for Self-Powering Applications	National Science Foundation	698,926	1/1/2017	12/31/2021
7/20/2016	Morris, Brendan	Elec & Comp Engineering	CAREER: Understanding Human Interactions and Behavior for Autonomous Driving	National Science Foundation	505,895	8/1/2017	7/31/2022
7/21/2016	Bansal, Shubhra	Mechanical Engineering	CAREER: Stable and Wide Bandgap Perovskite Materials for High Efficiency Photovoltaic and Photocatalytic Devices	National Science Foundation	500,016	1/1/2017	12/31/2021
7/25/2016	Kim, Si Jung	Dean, College of Engineering	IEEE IROS App Development	Korea Robotics Society	24,000	7/15/2016	10/14/2016
7/26/2016	Shrestha, Pramen	Civil & Envirnmntl Eng & Const	Developing Risk-Based Strategies for Managing Critical Risks to NDOT's Mission	Nevada Department of Transportation	224,840	11/1/2016	10/31/2018
	Stephen, Haroon	Co-PI	Civil & Envirnmntl Eng & Const				
7/26/2016	Stephen, Haroon	Civil & Envirnmntl Eng & Const	CAREER: Morphology-Dependent Flooding in Urban Micro-Watersheds: An Integration of Hydrologic and 3D City Modeling in GIS	National Science Foundation	589,451	1/1/2017	12/31/2021
7/26/2016	Batista, Jacimaria	Civil & Envirnmntl Eng & Const	Chromium Removal Investigations	Tetra Tech, Inc	124,924	7/15/2016	12/23/2016
7/20/2016	Zhan, Justin (Zhijun)	Computer Science	Acquisition of an Extreme GPU Cluster for Network Science and Big Data Research and Education	U.S. Army Research Office	1,500,000	7/15/2017	7/14/2018
8/8/2016	Batista, Jacimaria	Civil & Envirnmntl Eng & Const	Bench-Scale Evaluation of Wastewater Treatment Options for the Olin Plant in Henderson, Nevada - Phase 1	Olin Chlor Alkali Products	8,603	6/29/2016	7/20/2016
	Gerrity, Daniel	Co-PI	Civil & Envirnmntl Eng & Const				
7/29/2016	Zhan, Justin (Zhijun)	Computer Science	An Integrated Heterogeneous Social Information Network Learning System	Advanced Research Projects Agency	450,559	1/1/2017	12/31/2019
7/26/2016	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Solar Energy Lab Kits	NV System of Higher Education	5,504	6/1/2016	4/30/2017
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
8/15/2016	Barzilov, Alexander	Mechanical Engineering	Tri-Mode Radiation Detector for SDRD Project 2016 - Task 7	National Security Technologies	5,000	3/17/2016	9/30/2016
8/12/2016	Ahmad, Sajjad	Civil & Envirnmntl Eng & Const	Collaborative Research: The Western Consortium for Watershed Analysis, Visualization and Exploration (WC-WAVE)	EPSCoR/National Science Foundation	40,260	8/1/2013	7/31/2017
	Stephen, Haroon	Co-PI	Civil & Envirnmntl Eng & Const				
8/16/2016	Batista, Jacimaria	Civil & Envirnmntl Eng & Const	Bench-Scale Testing to Support Pilot-Testing of Groundwater Seepage Interception at Pabco Road, (NERT Site), Henderson, Nevada	Tetra Tech, Inc	102,123	11/15/2016	3/15/2017
8/16/2016	Shrestha, Pramen	Civil & Envirnmntl Eng & Const	Project Delivery Performance Evaluation and Decision Support Tool for Water and Wastewater Capital Projects	Water Research Foundation	149,863	10/1/2016	9/29/2018
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
8/16/2016	Shrestha, Pramen	Civil & Envirnmntl Eng & Const	Assessment of Demand for the use of Design-Build Delivery in the Public Sector	Water Design Build Council	96,739	9/15/2016	3/15/2017
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
8/15/2016	Yim, Woosoon	Mechanical Engineering	IRES: Highly Sustainable and Safe UAS Based Radiation Sensing and Source Localization	National Science Foundation	249,999	1/1/2017	12/31/2020
	Barzilov, Alexander	Co-PI	Mechanical Engineering				
8/4/2016	Gerrity, Daniel	Civil & Envirnmntl Eng & Const	Plant Uptake of Contaminants of Emerging Concern in Agroecosystems Irrigated with Reclaimed Water	U.S. Department of Agriculture	495,691	1/1/2017	12/31/2019
	Devitt, Dale	Co-PI	School of Life Sciences				
8/1/2016	Stefik, Andy	Computer Science	CAREER: An Empirical Investigation into the Human Factors Impact of Software Construction	National Science Foundation	465,278	1/20/2016	1/19/2021

9/9/2016	Batista, Jacimaria	Civil & Envirnmntl Eng & Const	Removal of Ammonia and Fluoride from Sulfidic Caustic Solution (SCS) from Oil Processing	Radian Chemicals	16,287	3/15/2015	3/31/2017
9/9/2016	Batista, Jacimaria	Civil & Envirnmntl Eng & Const	Separation of Lithium by Ion-Exchange Resins	Malvi-Technologies	6,533	10/1/2016	12/30/2016
9/9/2016	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Task 2 - Nexus Research	EPSCoR/National Science Foundation	1,025,701	6/1/2013	5/31/2018
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
9/9/2016	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Task 3 - Cyber Infrastructure Research	EPSCoR/National Science Foundation	22,176	6/1/2013	5/31/2018
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
9/9/2016	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Task 4 - CI Plan	EPSCoR/National Science Foundation	10,800	6/1/2013	5/31/2018
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
9/9/2016	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Task 5 - Workforce Development/Education	EPSCoR/National Science Foundation	135,462	6/1/2013	5/31/2018
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
9/14/2016	Venkat, Rama	Dean, College of Engineering	NASA Teledyne Mentor-Protégé Program	Teledyne Brown Engineering, Inc-FPT	16,731	8/3/2015	12/31/2016
	Bernacki, Matthew	Co-PI	Educ Psy & Higher Edu				
	Nasoz, Fatma	Co-PI	Computer Science				
	Watkins, Helga	Co-PI	Dean, College of Fine Arts				
9/2/2016	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Solar Energy Lab Kits	NV System of Higher Education	1,383	6/1/2016	4/30/2017
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
9/7/2016	Trabia, Mohamed	Mechanical Engineering	NASA EPSCoR Technical Interchange Meeting	EPSCoR/National Aeronautics & Space Administration	1,367	8/1/2016	10/15/2016
9/1/2016	Zhan, Justin (Zhijun)	Computer Science	An Integrated Heterogeneous Social Information Network Learning System for Criminal Behavior Analytics	U.S. Department of Homeland Security	499,089	1/1/2017	12/31/2019
9/1/2016	Kim, Si Jung	Dean, College of Engineering	REU Site: Welcome to The STEM Strip in Fabulous Las Vegas: Entertainment Engineering Learning and the Experience of STEM Applications in a Digital Experience Town	National Science Foundation	359,637	3/1/2017	2/29/2020
	Rippe, Robert	Co-PI	International Gaming Institute				
9/8/2016	Yim, Woosoon	Mechanical Engineering	Highly Sustainable UAS with Radiation and Chemical Sensing Capabilities for Disaster Relief and Humanitarian Assistance	Air Force Office of Scientific Research	481,875	3/1/2017	2/28/2020
	Barzilov, Alexander	Co-PI	Mechanical Engineering				
8/29/2016	Paz-Cruz, Alexander	Transportation Research Center	Prototyping and Field Testing of a Demand-Responsive Rumble Strip Mechanism	University of Nevada, Reno	139,962	1/1/2017	12/31/2017
8/29/2016	Paz-Cruz, Alexander	Transportation Research Center	Deployment and Production of the Nevada Utility Data Layer System	Nevada Department of Transportation	130,014	10/1/2016	9/30/2020
8/23/2016	Zhan, Justin (Zhijun)	Computer Science	Bridging Big Data Research with Computational Chemistry Through Acquisition of a High Performance Computing Cluster	U.S. Department of Defense	600,000	3/24/2017	3/23/2017
	Forster, Paul	Co-PI	Chemistry & Biochemistry				
	Naduvath, Balakrishnan	Co-PI	Chemistry & Biochemistry				
	Poineau, Frederic	Co-PI	Chemistry & Biochemistry				
	Taghva, Kazem	Co-PI	Computer Science				
8/29/2016	Zhan, Justin (Zhijun)	Computer Science	AdministrativeDataBridge - A Novel Approach to Linking Big Administrative Data	U.S. Department of Commerce	320,278	1/1/2017	12/31/2019
8/31/2016	Kim, Kwang	Mechanical Engineering	Establishment of a Volumetric 3-Component Velocity System and Flow Channel	U.S. Department of Defense	289,135	1/1/2017	12/31/2017
8/29/2016	Gerrity, Daniel	Civil & Envirnmntl Eng & Const	BACT Control: On-Line Quantification of E. Coli in Drinking Water and Recycled Water Applications	Governor's Office of Economic Development	39,517	1/1/2017	12/31/2018
9/14/2016	Pepper, Darrell	NV Ctr for Adv Comp Methods	A Cloud-Based, Real-Time Emergency Response System for First Responders	National Science Foundation	627,174	1/15/2017	1/14/2019
9/13/2016	Kim, Kwang	Mechanical Engineering	PIRE: Advanced Artificial Muscles for International and Globally Competitive Research and Education in Soft Robotics	National Science Foundation	749,415	10/1/2015	9/30/2020
	Oh, Paul	Co-PI	Mechanical Engineering				
9/7/2016	O'Toole, Brendan	Ctr for Materials & Structures	Broadband Optical Ranging (BLR) Experimental Investigations - Task 15	National Security Technologies	28,732	9/7/2016	9/30/2016
	Trabia, Mohamed	Co-PI	Mechanical Engineering				
9/1/2016	Yang, Mei	Elec & Comp Engineering	Acquisition of Hardware and Software to Enhance UNLV's Research and Education Capabilities in Exploring Virtual, Augmented and Mixed Realities	U.S. Army Research Office	498,702	4/24/2017	4/23/2018
	Jiang, Yingtao	Co-PI	Elec & Comp Engineering				
	Kim, Si Jung	Co-PI	Dean, College of Engineering				
	Yfantis, Evangelos	Co-PI	Computer Science				
9/12/2016	Wang, Zhiyong	Mechanical Engineering	Electrical Potential Assisted Machining (ePAM) of Titanium Alloys	National Science Foundation	524,144	7/1/2017	6/30/2020
9/15/2016	Hartmann, Thomas	Mechanical Engineering	INL Joint Appointment March 2016 - September 2017	Battelle Energy Alliance, LLC	35,000	3/1/2016	9/30/2017
9/23/2016	Hartmann, Thomas	Mechanical Engineering	Characterization of RERTR Fuel Plates	Idaho National Laboratory	30,024	9/9/2013	9/30/2017
9/23/2016	Oh, Paul	Mechanical Engineering	UGV-UAV Hybrid System for Unstructured Environment Exploration	University of Nevada, Reno	19,995	9/1/2016	8/31/2017
9/21/2016	Kim, Kwang	Mechanical Engineering	PIRE: Advanced Artificial Muscles for International and Globally Competitive Research and Education in Soft Robotics	National Science Foundation	762,186	10/1/2015	9/30/2020
	Oh, Paul	Co-PI	Mechanical Engineering				

9/14/2016	Zhan, Justin (Zhijun)	Computer Science	Establishment of a Scholarship for Service Program at University of Nevada, Las Vegas	National Science Foundation	950,075		
	Berghel, Harold	Co-PI	Computer Science				
	Gewali, Laxmi	Co-PI	Computer Science				
	Jo, Ju-Yeon	Co-PI	Computer Science				
	Kim, Yoohwan	Co-PI	Computer Science				
	Moody, Gregory	Co-PI	Mgmt, Entrepreneurship & Tech				
	Zhang, Shaoran	Co-PI	Teaching and Learning				
9/23/2016	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Task 8 - State Match	NV System of Higher Education	22,630	7/1/2016	6/30/2017
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
EGR	58				Total 15,725,588		
7/11/2016	Dufek, Janet	Kinesiology and Nutrition Sci	Evaluation of Plantar Pressure and Deformation During Walking in Diabetic Individuals	American Diabetes Association	1,616,021	1/1/2017	12/31/2021
	Trabia, Mohamed	Co-PI	Dean, College of Engineering				
7/18/2016	Shen, Jay	Health Care Admin and Policy	Impact of Hospital E H R Implementation on Quality, Patient Experience and Financial Performance	Agency for Healthcare Research and Quality	299,963	4/1/2017	3/31/2019
	Epane, Josue	Co-PI	Health Care Admin and Policy				
	Zhan, Justin (Zhijun)	Co-PI	Mechanical Engineering				
9/8/2016	Marchand, Gwen	Ctr for Res, Eval & Assessment	Collaborative Research: Student Engagement and Instructional Support in Undergraduate Stem Education: A Complex Systems Approach	National Science Foundation	815,708	6/1/2017	5/31/2020
	Hayes, Donald	Co-PI	Civil & Envirnmntl Eng & Const				
	Nasoz, Fatma	Co-PI	Computer Science				
8/9/2016	Bernacki, Matthew	Educ Psy & Higher Edu	Collaborative (Strategies): Leveraging Students' Out-of-School Interests to Enhance Algebra Skills and Motivation to Learn Mathematics	National Science Foundation	872,065	7/1/2017	6/30/2019
	Nasoz, Fatma	Co-PI	Computer Science				
8/10/2016	Vallett, David	Teaching and Learning	CodeBotix	National Science Foundation	1,199,400	7/1/2017	6/30/2020
	Oh, Paul	Co-PI	Mechanical Engineering				
	Schrader, PG	Co-PI	Teaching and Learning				
7/5/2016	Piotrowska-Jeziarska, Joanna	Sr VP/Provost Office	2016 Nevada Summer Transportation Institute	NV Department of Transportation	86,822	7/6/2016	8/31/2016
	Breen, Erin	Co-PI	Transportation Research Center				
7/22/2016	Sudhakar, Ashok	School of Pub Policy & Ldshp	Mathematical Model and Predictive Analysis to Develop GIS Maps for Wildlife-Vehicle Conflict Avoidance	Nevada Department of Transportation	117,900	11/1/2016	9/30/2018
	Saberinia, Ebrahim	Co-PI	Elec & Comp Engineering				
1/9/2017	FY 17 2nd Quarter Proposals						
Submit Date	PI Name	Dept	Project Title	Agency	Total	Proposed Start Date	Proposed End Date
10/6/2016	Baker, R. Jacob	Ctr Eng Matrils Tech (EMITON)	SiGe/BiCMOS: Testing and Development of BiCMOS Photodetectors and Diagnostic	National Security Technologies	181,605	10/6/2016	9/30/2017
10/10/2016	Zhan, Justin (Zhijun)	Computer Science	Deep Learning for Complex Biomedical Big Data	Desert Research Inst	100,000	1/1/2017	12/31/2018
10/3/2016	Zhan, Justin (Zhijun)	Computer Science	QuBBD: Collaborative Research: A Novel Deep Learning Approach from Complex	National Science Foundation	495,669	3/1/2017	2/28/2020
	Ghosh, Kaushik	Co-PI	Mathematical Sciences				
	Kumar, Parvesh	Co-PI	Dean, School of Medicine				
10/3/2016	Moon, Jaeyun	Mechanical Engineering	3D Additive Manufacturing Capability for Space Applications: Research Infrastructure	NV System of Higher Education	32,411	9/1/2016	5/30/2017
	Kim, Kwang	Co-PI	Mechanical Engineering				
10/3/2016	Moon, Jaeyun	Mechanical Engineering	3D Additive Manufacturing Capability for Space Applications: Research Infrastructure	NV System of Higher Education	26,841	9/1/2016	8/31/2017
	Kim, Kwang	Co-PI	Mechanical Engineering				
10/3/2016	Moon, Jaeyun	Center for Energy Research	Enhancing the Performance of Novel Integrated Solar Multi Effect HDH-Desalination	U.S. Agency for International	199,937	4/1/2017	3/30/2019
	Chen, Yitong	Co-PI	Mechanical Engineering				
10/3/2016	Kim, Yoohwan	Computer Science	Protecting NextGen Air Traffic Control System with ADS-BT	Google Inc	41,118	5/1/2017	4/30/2018
10/1/2016	Ahmad, Sajjad	Civil & Envirnmntl Eng & Const	Partner Center for Advanced Studies in Water (PCASW) at the University	University of Utah	57,611	8/16/2016	8/15/2017
10/6/2016	Zhan, Justin (Zhijun)	Computer Science	Establishing an Army Educational Outreach Program Site in Data Science and	Technology Student Association	13,334	6/1/2016	12/31/2016
10/6/2016	Culbreth, William	Mechanical Engineering	Dense Plasma Focus (DBF) - Task 14	National Security Technologies	188,047	10/6/2016	9/30/2017
10/27/2016	Zhao, Hui	Mechanical Engineering	Flow Effects in Electric Field Directed Assembly of Colloidal Particles	National Science Foundation	355,565	8/1/2017	7/31/2020
11/1/2016	Venkat, Rama	Dean, College of Engineering	NASA Teledyne Mentor-Protégé Program	Teledyne Brown Engineering,	5,770	8/3/2015	9/30/2017
	Bernacki, Matthew	Co-PI	Educ Psy & Higher Edu				
	Nasoz, Fatma	Co-PI	Computer Science				
	Watkins, Helga	Co-PI	Dean, College of Fine Arts				
11/1/2016	O'Toole, Brendan	Ctr for Materials & Structures	NASA Space Grant: Solar Eclipse Near Space Exploration	Nevada System of Higher	21,416	5/1/2016	8/30/2017
11/1/2016	Yang, Mei	Elec & Comp Engineering	RET Site: Research Experience in Cyberinfrastructure-Enabled Computational Science	National Science Foundation	599,707	5/1/2017	4/30/2020
	Zhang, Shaoran	Co-PI	Teaching and Learning				
11/2/2016	Trabia, Mohamed	Ctr for Materials & Structures	Testing of Panels Using the UNLV Center for Materials and Structures (CMS) Facilities	Tuskegee University-FPT	30,000	3/1/2017	2/28/2019
	O'Toole, Brendan	Co-PI	Mechanical Engineering				
11/1/2016	Zhao, Hui	Mechanical Engineering	Optical Disc Technology-Enabled Digital Programmable Quasi-Random Nanostructured	National Science Foundation	333,408	8/1/2017	7/31/2020

11/1/2016	Sun, Ke-Xun	Elec & Comp Engineering	Precision Fiber Optics Acoustic Sensors (FOAS) - Task 18	National Security Technologies	12,509	10/31/2016	12/31/2016
10/20/2016	Gerrity, Daniel	Civil & Environmntl Eng & Const	WERF: Collaborative Research: Occurrence, Characterization and Mitigation of NDMA	National Science Foundation	82,379	9/1/2017	8/31/2020
10/19/2016	Moon, Jaeyun	Mechanical Engineering	Collaborative Research: Occurrence, Fate and Transport and Removal of Perfluorinated	National Science Foundation	236,000	5/1/2017	4/30/2020
11/1/2016	Zhan, Justin (Zhijun)	Computer Science	RET Site: Research Experiences for Teachers in Big Data	National Science Foundation	599,149	4/1/2017	3/31/2020
	Oh, Paul	Co-PI	Mechanical Engineering				
11/14/2016	Zhao, Hui	Mechanical Engineering	Mathematical Modeling of Nonlinear Diffuse-Charge Dynamics of Ionic Liquids	National Science Foundation	227,024	8/1/2017	7/31/2020
11/9/2016	Morris, Brendan	Elec & Comp Engineering	Tracking Object Parts and Learning Interactions Rules	Naval Research Laboratory	61,627	11/1/2016	10/31/2017
11/9/2016	Sun, Ke-Xun	Elec & Comp Engineering	Center of Excellence for Security Science and Engineering (CESSE) - Task 20	National Security Technologies	283,989	11/9/2016	12/31/2017
11/3/2016	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - UROP Scholarships (Workforce	NV System of Higher Education	1,500	12/1/2015	2/28/2017
	Batista, Jacimaria	Co-PI	Civil & Environmntl Eng & Const				
	Regner, Kurt	Co-PI	School of Life Sciences				
11/7/2016	Venkat, Rama	Dean, College of Engineering	Dancing Ball	Wynn Resorts	75,000	12/1/2016	5/31/2017
11/4/2016	Bansal, Shubhra	Mechanical Engineering	Development of Stable Wide-Bandgap Perovskites for High Efficiency Tandem Solar	Office of Naval Research	655,192	6/1/2017	5/31/2020
11/16/2016	Kim, Yoohwan	Computer Science	SaTC: CORE: Small: Developing an Attack-Resistant Aircraft Location Verification	National Science Foundation	499,956	7/1/2017	6/30/2020
	Gewali, Laxmi	Co-PI	Computer Science				
	Jo, Ju-Yeon	Co-PI	Computer Science				
11/16/2016	Latifi, Sharam	Ctr for Info Tech & Algorithms	CSR: Small: A Modular Framework for Securing Smart City by Design - A Deep Learning	National Science Foundation	499,869	5/1/2017	4/30/2020
11/16/2016	Zhan, Justin (Zhijun)	Computer Science	Establishing an Army Educational Outreach Program Site in Data Science and	Technology Student Association	80,000	6/1/2016	8/1/2017
12/6/2016	Zhan, Justin (Zhijun)	Computer Science	Developing Biomedical Data Science Curriculum at University of Nevada, Las Vegas	National Institutes of Health	322,936	7/1/2017	6/30/2020
	Ghosh, Kaushik	Co-PI	Mathematical Sciences				
	Kan, Ge Lin	Co-PI	Environ & Occup Health				
12/6/2016	Trabia, Mohamed	Dean, College of Engineering	BPE - Leveraging a Culturally-Responsive Community of Practice as a Pathway to the	National Science Foundation	1,038,514	7/1/2017	6/30/2020
	Marrun, Norma	Co-PI	Teaching and Learning				
12/2/2016	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - UROP Scholarships (Workforce	NV System of Higher Education	1,309	12/1/2015	2/28/2017
	Batista, Jacimaria	Co-PI	Civil & Environmntl Eng & Const				
	Regner, Kurt	Co-PI	School of Life Sciences				
12/5/2016	Trabia, Mohamed	Mechanical Engineering	SCH:INT: A Quantitative Approach for Detection of Diabetic Plantar Ulceration	National Science Foundation	807,593	7/1/2017	6/30/2020
	Dufek, Janet	Co-PI	Kinesiology and Nutrition Sci				
12/14/2016	Shrestha, Pramen	Civil & Environmntl Eng & Const	Life-Cycle Cost Benefit Analysis: Comparing Portland Concrete and Polymer Concrete	Armorock	84,618	1/16/2017	12/29/2017
	Batista, Jacimaria	Co-PI	Civil & Environmntl Eng & Const				
12/16/2016	Paz-Cruz, Alexander	Transportation Research Center	Prototyping and Field Testing of a Demand-Responsive Rumble Strip Mechanism -	Univ. of Nevada, Reno	53,301	1/1/2017	12/31/2017
12/20/2016	Ghafoori, Nader	Civil & Environmntl Eng & Const	Use of Nevada's Natural Pozzolan to Mitigate Alkali-Silicate Reactivity	University of Nevada, Reno	96,628	2/1/2017	5/31/2018
12/20/2016	Ghafoori, Nader	Civil & Environmntl Eng & Const	Use of Nevada's Natural Pozzolan to Mitigate Alkali-Silicate Reactivity - Match	Univ. of Nevada, Reno	45,000	2/1/2017	5/31/2018
12/20/2016	Choi, Jin Ouk	Civil & Environmntl Eng & Const	Exploring Innovative Technologies for Modularization	Oak Ridge Associated	5,000	6/1/2017	5/31/2018
11/10/2016	Zhan, Justin (Zhijun)	Computer Science	Enhancing Biomedical Data Science Through Research, Education, Assess and	National Institutes of Health	1,272,669	9/1/2017	8/31/2021
	Ghosh, Kaushik	Co-PI	Mathematical Sciences				
	Kan, Ge Lin	Co-PI	Environ & Occup Health				
12/13/2016	Trabia, Mohamed	Dean, College of Engineering	BPE - Workshop for Distance Learning Program in STEM: Experiences, Challenges and	National Science Foundation	49,883	7/1/2017	6/30/2018
	VanBeuge, Susan	Co-PI	School of Nursing				
	Venkat, Rama	Co-PI	Dean, College of Engineering				
11/30/2016	Zhan, Justin (Zhijun)	Computer Science	A Deep Learning Framework for Network Dynamics Prediction	U.S. Army Research Office	60,000	1/1/2016	8/31/2016
12/13/2016	Kim, Si Jung	Dean, College of Engineering	UNLV-Ajou University Winter Workshop	Ajou University	22,238	12/19/2016	6/1/2017
12/19/2016	Oh, Paul	Mechanical Engineering	S&AS: INT: COLLAB: Robots in the Wild	National Science Foundation	599,610	9/1/2017	8/31/2020
12/30/2016	Baker, R. Jacob	Ctr Eng Matrls Tech (EMITION)	Dual-Mode, Extended Near-Infrared, Focal Plane Arrays Fabricated with a Commercial	Freedom Photonics LLC/FPT	27,951	11/9/2016	8/9/2017
EGR	44				Total 10,483,883		
10/25/2016	Serafica, Reimund	Ctr Biobeh Interdiscp Sci	Feasibility of Using Dietary Smartphone App in Vulnerable Populations	National Institutes of Health	447,785	7/1/2017	6/30/2020
	Morris, Brendan	Co-PI	Elec & Comp Engineering				
11/15/2016	Knurick, Jessica	Co-PI	Kinesiology and Nutrition Sci				
	Mercer, John	Kinesiology and Nutrition Sci	PFI:BIC: Innovative Development of a Smart Wetsuit for Health and Performance	National Science Foundation	999,538	7/1/2017	6/30/2020
	Gatlin, Patricia	Co-PI	School of Nursing				
	Lough, Nancy	Co-PI	Educ Psy & Higher Edu				
	Navalta, James	Co-PI	Kinesiology and Nutrition Sci				
11/2/2016	Zhan, Justin (Zhijun)	Co-PI	Mechanical Engineering				
	Tettegah, Sharon	Dean, College of Education	Coordinating Curricula and User Preferences to Maximize the Participation of Women	National Science Foundation	299,704	12/1/2016	11/30/2019
	Jiang, Yingtao	Co-PI	Elec & Comp Engineering				
	Vallett, David	Co-PI	Teaching and Learning				
	Perera, Harsha	Co-PI	Educ Psy & Higher Edu				
4/11/2017	FY 17 3rd Quarter Proposals						
Submit Date	PI Name	Dept	Project Title	Agency	Total	Proposed Start Date	Proposed End Date
1/17/2017	Zhan, Justin (Zhijun)	Computer Science	A Hardware and Software Architecture for Advancing Data-Centric Parallel Computing	Advanced Research Projects	409,190	10/1/2017	9/30/2019
1/20/2017	Jo, Ju-Yeon	Computer Science	SFS: Capacity Track: Developing a Community-Driven Cybersecurity Minor Program at	National Science Foundation	499,418	7/1/2017	6/30/2020
	Kim, Yoohwan	Co-PI	Computer Science				
	Venkat, Rama	Co-PI	Dean, College of Engineering				

1/20/2017	Zhan, Justin (Zhijun)	Computer Science	Integrating Documentary Measurement Standards and Standardization into the University	National Security Agency	113,377	8/1/2017	7/31/2018
1/16/2017	Gerrity, Daniel	Civil & Envirnmntl Eng & Const	Wastewater Reuse and Uptake of Contaminants of Emerging Concern by Plants	Desert Research Institute	3,546	3/1/2017	2/28/2018
1/9/2017	Venkat, Rama	Dean, College of Engineering	NASA Teledyne Mentor-Protégé Program	Teledyne Brown Engineering,	37,576	8/3/2015	3/31/2017
	Bernacki, Matthew	Co-PI	Educ Psy & Higher Edu				
	Nasoz, Fatma	Co-PI	Computer Science				
	Watkins, Helga	Co-PI	Dean, College of Fine Arts				
1/13/2017	Tian, Ying	Civil & Envirnmntl Eng & Const	Collaborative Research: Engaging Floor Slabs as Multiple Tuned Mass Dampers in	National Science Foundation	206,890	7/1/2017	6/30/2020
1/17/2017	Oh, Paul	Mechanical Engineering	CI-New: Collaborative Research: DRONEBOTS: Drone-Based Testbed for Supporting	National Science Foundation	162,358	8/1/2017	7/31/2020
1/5/2017	Chen, Yitong	Center for Energy Research	Thermal Dynamics and Neutronics Modeling Simulations with High Performance	Thoreact - Utah Green Energy	63,000	12/5/2016	12/31/2017
1/11/2017	Baghzouz, Yahia	Center for Energy Research	Design and Integration of Battery Storage as Part of a Renewable Energy-Powered	Tesla Motors	75,000	12/31/2016	12/31/2017
	Boehm, Robert	Co-PI	Center for Energy Research				
	James, David	Co-PI	Civil & Envirnmntl Eng & Const				
1/9/2017	Gerrity, Daniel	Civil & Envirnmntl Eng & Const	Management of the Sodium Sulfate Waste Stream at the Tesla Gigafactory - Task 4	Tesla Motors	100,000	1/9/2017	1/9/2018
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
	Kim, Kwang	Co-PI	Mechanical Engineering				
	Moon , Jaeyun	Co-PI	Mechanical Engineering				
1/11/2017	Zhao, Hui	Mechanical Engineering	Designing Bioinspired Self-Healing Graphene-Enabled Robust Multifunctional Super-	National Science Foundation	316,338	9/1/2017	8/31/2020
2/2/2017	Choi, Jin Ouk	Civil & Envirnmntl Eng & Const	An Investigation of Construction Workforce and Education Inequalities and Biases in	National Science Foundation	49,988	7/1/2017	6/30/2019
	Lim, Jaewon	Co-PI	School of Pub Policy & Ldshp				
	Shrestha, Pramen	Co-PI	Civil & Envirnmntl Eng & Const				
2/6/2017	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Task 8 - State Match	NV System of Higher Education	5,000	7/1/2016	12/31/2017
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
2/1/2017	Zhan, Justin (Zhijun)	Computer Science	Using Social Network Big Data for Health Surveillance	National Institutes of Health	448,500	10/1/2017	9/30/2021
2/1/2017	Pepper, Darrell	NV Ctr for Adv Comp Methods	A Real-Time Risk Assessment System for First Responders	U.S. Department of State	435,888	7/1/2017	6/30/2019
2/3/2017	Barzilov, Alexander	Mechanical Engineering	Plastic-Crystal Composite Scintillator for Multi-Signature Radiation Detection - Phase 2	Adelphi Technology Inc	260,653	7/1/2017	6/30/2019
2/2/2017	Breen, Erin	Transportation Research Center	Vulnerable Road Users Project (VRUP) 2017	Nevada Office of Traffic Safety	30,000	10/27/2016	9/30/2017
2/1/2017	Zhao, Hui	Mechanical Engineering	Travel Grant to Visit NASA Collaborator: Development and Performance Evaluaiton of a	NV System of Higher Education	1,172	2/8/2017	2/28/2017
2/1/2017	Zhao, Hui	Mechanical Engineering	Travel Grant to Visit NASA Collaborator: Development and Performance Evaluaiton of a	EPSCoR/National Aeronautics &	586	2/9/2017	2/10/2018
1/20/2017	Oh, Paul	Mechanical Engineering	Conceptual Study on UAS Operation Under Advanced CNS/ATM Systems	Korea Advanced Institute of	82,465	6/29/2016	4/28/2017
1/26/2017	O'Toole, Brendan	Ctr for Materials & Structures	Gas-Gun Configured Magnetic Flux Compression Generator for SDRD Project - Task 21	National Security Technologies	71,696	1/26/2017	9/30/2017
	Trabia, Mohamed	Co-PI	Mechanical Engineering				
2/1/2017	Zhan, Justin (Zhijun)	Computer Science	Big Data Analytics for Neutron Transmission Radiography	Oak Ridge National Laboratory	75,000	2/10/2016	12/31/2017
2/17/2017	Batista, Jacimaria	Civil & Envirnmntl Eng & Const	Bench-Scale Testing for Groundwater Bioremediation Pilot Test	Tetra Tech, Inc	107,498	2/20/2017	6/30/2017
2/24/2017	Batista, Jacimaria	Civil & Envirnmntl Eng & Const	Chromium Removal Investigations	Tetra Tech, Inc	34,999	7/15/2016	6/30/2017
2/24/2017	Pepper, Darrell	NV Ctr for Adv Comp Methods	A High-Order LES Finite Element Technique for Modeling Turbulent Flow Without	National Aeronautics and Space	55,000	8/15/2017	8/14/2019
3/8/2017	Zhan, Justin (Zhijun)	Computer Science	Establishing an Army Educational Outreach Program Site in Data Science and	Technology Student Association	13,333	6/1/2016	12/31/2017
3/6/2017	Sun, Ke-Xun	Elec & Comp Engineering	III-Nitride Photoemission Studies - Task 22	National Security Technologies	66,000	3/6/2017	9/30/2017
2/17/2017	Breen, Erin	Transportation Research Center	Vulnerable Road Users Project (VRUP) 2017	Nevada Office of Traffic Safety	60,000	11/1/2016	9/30/2017
2/15/2017	Boehm, Robert	Center for Energy Research	Regional Test Center Phase III	Sandia National Laboratories	153,160	3/14/2017	3/13/2018
2/15/2017	O'Toole, Brendan	Ctr for Materials & Structures	Material Characterization of Composite Sandwich Coupons Cut from Mid Deck Asset -	Lockheed Martin Corporation-	39,193	3/1/2017	6/30/2017
2/8/2017	Zhao, Hui	Mechanical Engineering	Nanoantenna-Enhanced Super-Hydrophobic Surface Enabled Fluorescence	National Institutes of Health	404,947	2/1/2018	1/31/2020
2/13/2017	Zhan, Justin (Zhijun)	Computer Science	Postdoctoral-Fellowship Training in Big Data	National Science Foundation	500,000	9/1/2017	8/31/2020
2/6/2017	Kim, Kwang	Mechanical Engineering	EAP Soft Micro-Sensor Array for Naval Applications	Office of Naval Research	50,000	4/1/2016	3/31/2019
3/9/2017	Morris, Brendan	Elec & Comp Engineering	Person Recognition for Access Logging	Oak Ridge National Laboratory	22,852	3/6/2017	8/31/2017
3/8/2017	Muthukumar, Venkatesan	Transportation Research Center	NASA Space Grant: Introducing Robotics Programming and Efficient On-Board	Nevada System of Higher	42,039	7/1/2017	6/30/2018
	Regentova, Emma	Co-PI	Elec & Comp Engineering				
3/8/2017	Morris, Brendan	Elec & Comp Engineering	AF17A-T027: Target Tracking via Deep Learning	Toyon Research Corporation	58,598	8/1/2017	4/30/2018
2/17/2017	Boehm, Robert	Center for Energy Research	Regional Test Center Phase III	Sandia National Laboratories	580	3/14/2016	3/13/2017
3/8/2017	Karakouzian, Moses	Civil & Envirnmntl Eng & Const	Design of Lateral Confluences of Flood Control Channels	Clark County Flood Control	244,302	6/1/2017	5/30/2018
	Hayes, Donald	Co-PI	Civil & Envirnmntl Eng & Const				
3/8/2017	Regentova, Emma	Elec & Comp Engineering	NASA Space Grant: Mission Possible: Development of Project-Based Teaching Modules	Nevada System of Higher	42,829	9/1/2017	8/31/2018
	Jiang, Yingtao	Co-PI	Elec & Comp Engineering				
	Muthukumar, Venkatesan	Co-PI	Elec & Comp Engineering				
3/9/2017	Kim, Kwang	Mechanical Engineering	Feasibility Analysis of Surface-Treated Condensing Tubes	NBD Nano Technologies, Inc	10,000	5/16/2017	6/15/2017
3/10/2017	Breen, Erin	Transportation Research Center	Vulnerable Road Users Project 2018	Nevada Office of Traffic Safety	142,502	10/1/2017	9/30/2018
3/8/2017	Latifi, Sharam	Ctr for Info Tech & Algorithms	SCC-Planning: Multidisciplinary and Smarth Networking to Connect and Educate	National Science Foundation	100,000	7/1/2017	6/30/2018
3/13/2017	Baker, R. Jacob	Ctr Eng Matrls Tech (EMITION)	DOE STTR Phase I Proposal on Si/Ge Detectors for the Visible/UV Spectrum	Freedom Photonics LLC/FPT	60,000	6/1/2017	3/1/2018
3/23/2017	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Solar Energy Lab Kits	NV System of Higher Education	7,519	6/1/2016	4/30/2017
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
3/21/2017	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - UROP Scholarships (Workforce	NV System of Higher Education	1,489	12/1/2015	4/30/2017
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const				
	Regner, Kurt	Co-PI	School of Life Sciences				
3/6/2017	Latifi, Sharam	Elec & Comp Engineering	CPS:Small: An Adaptive Framework for Securing the CPS Backbone: A Deep Learning	National Science Foundation	498,841	7/1/2017	6/30/2020
3/20/2017	Zhan, Justin (Zhijun)	Computer Science	MRI: Acquisition of GPU Computing Cluster to Enhance Big Data Analytics Infrastructure	National Science Foundation	200,000	9/1/2017	8/31/2020
	Gewali, Laxmi	Co-PI	Computer Science				

3/23/2017	Taghva, Kazem	Co-PI	Computer Science					
	Kim, Kwang	Mechanical Engineering	Materials for Energy Systems: Workshop		EPSCoR/National Aeronautics &	7,000	7/1/2017	3/31/2018
	Moon, Jaeyun	Co-PI	Mechanical Engineering					
3/23/2017	Kim, Kwang	Mechanical Engineering	Materials for Energy Systems: Workshop - Match		NV System of Higher Education	7,000	7/1/2017	3/31/2018
	Moon, Jaeyun	Co-PI	Mechanical Engineering					
3/15/2017	Zhan, Justin (Zhijun)	Computer Science	RII Track-2 FEC: Deep Learning for Understanding Complex Relationships Between		National Science Foundation	6,000,000	9/1/2017	8/31/2021
	Chen, Xiangning	Co-PI	Psychology					
	Hedlund, Brian	Co-PI	School of Life Sciences					
3/20/2017	Kachroo, Pushkin	Transportation Research Center	Feasibility Analysis of Surface-Treated Condensing Tubes		Nevada Office of Traffic Safety	89,968	10/1/2017	9/30/2018
EGR	51					Total 12,467,290		
2/8/2017	Kawi, Jennifer	Ctr Biobeh Interdiscp Sci	Self-Management Program to Promote Safety in Opioid Use (SeMPSO)		National Institutes of Health	672,750	1/1/2018	12/31/2020
	Dodge-Francis, Carolee	Co-PI	Environ & Occup Health					
	Zhan, Justin (Zhijun)	Co-PI	Mechanical Engineering					
2/14/2017	Dufek, Janet	Kinesiology and Nutrition Sci	INBRE: Determination of Plantar Tissue Compression Area During Walking to Predict		University of Nevada, Reno	10,000	4/1/2017	3/31/2018
	Trabia, Mohamed	Co-PI	Mechanical Engineering					
2/16/2017	Shan, Guogen	Environ & Occup Health	Innovative Adaptive Designs to Reduce Costs and Increase Effectiveness for Cancer		National Institutes of Health	149,500	12/1/2017	11/30/2019
	Muthukumar, Venkatesan	Co-PI	Elec & Comp Engineering					
2/7/2017	Hardin, Andrew	Mgmt, Entrepreneurship & Tech	I-Corps Sites: UNLV Lean Entrepreneurship Advancement Program		National Science Foundation	94,240	1/15/2016	12/31/2017
	Kachroo, Pushkin	Co-PI	Transportation Research Center					
	O'Toole, Brendan	Co-PI	Mechanical Engineering					
2/1/2017	Piotrowska-Jeziarska, Joanna	Public Lands Institute	2017 National Summer Transportation Institute		NV Department of	87,847	6/1/2017	12/31/2017
	Breen, Erin	Co-PI	Transportation Research Center					
7/13/2017	Proposals							
Submit Date	PI Name	Dept	Project Title	Agency	Total	Proposed Start Date	Proposed End Date	
4/3/2017	Harris, Sarah	Elec & Comp Engineering	Las Vegas Scholars Program: (Re)defining Academic Spaces of Belonging for Students	National Science Foundation	650,000	7/1/2018	6/30/2023	
	Zhan, Justin (Zhijun)	Co-PI	Mechanical Engineering					
	Marrun, Norma	Co-PI	Teaching and Learning					
4/5/2017	O'Toole, Brendan	Ctr for Materials & Structures	Orion Process Control Coupon Testing - Task 2	Lockheed Martin Corporation-	18,825	6/23/2017	8/30/2017	
4/4/2017	Baker, R. Jacob	Ctr Eng Matrls Tech (EMITION)	Geiger Mode SiGe Receiver for Long-Range Optical Communications	Freedom Photonics LLC/FPT	30,000	6/9/2017	12/8/2017	
4/3/2017	Paz-Cruz, Alexander	Transportation Research Center	Study of Advanced Mobility and Traffic Safety Technologies using a Virtual Reality and	FACE Foundation	19,960	6/1/2017	5/31/2019	
	Morris, Brendan	Co-PI	Elec & Comp Engineering					
	Copeland, David	Co-PI	Psychology					
4/4/2017	Jo, Ju-Yeon	Computer Science	BIGDATA: F: Hadoop Performance Enhancement with Improved Data Locality	National Science Foundation	710,679	10/1/2017	9/30/2020	
	Bein, Wolfgang	Co-PI	Computer Science					
	Kim, Yoohwan	Co-PI	Computer Science					
	Latifi, Sharam	Co-PI	Elec & Comp Engineering					
	Taghva, Kazem	Co-PI	Computer Science					
4/4/2017	Zhan, Justin (Zhijun)	Computer Science	Capacity Building for Transdisciplinary Research in Principles of Data Science	National Science Foundation	699,625	9/1/2017	8/31/2020	
	Ghosh, Kaushik	Co-PI	Mathematical Sciences					
	Sun, Pengtao	Co-PI	Mathematical Sciences					
4/3/2017	Gerrity, Daniel	Civil & Environmntl Eng & Const	Optimization of Online Bromate Analyzer to Improve Sensitivity and Reliability	METAWATER	12,000	4/17/2017	7/7/2017	
4/7/2017	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - UROP Scholarships (Workforce	NV System of Higher Education	4,951	7/1/2016	9/30/2017	
	Regner, Kurt	Co-PI	School of Life Sciences					
4/4/2017	Zhan, Justin (Zhijun)	Computer Science	BIGDATA: IA: Understanding Complex Relationships between Genome and Phenome	National Science Foundation	999,886	9/1/2017	8/31/2020	
	Chen, Xiangning	Co-PI	NV Inst Personalized Medicine					
4/5/2017	O'Toole, Brendan	Ctr for Materials & Structures	Reduced Cost, Repeatable, Improved Property Washout Tooling for Composite	Nevada Composites Inc	300,000	7/1/2017	6/30/2019	
4/14/2017	Chen, Yitong	Center for Energy Research	Corrosion Effect in Candidate Materials and I&C Design and Probability Risk Assessment	Thoreact - Utah Green Energy	494,542	6/1/2017	12/31/2017	
4/20/2017	Sherman, Ryan	Civil & Environmntl Eng & Const	Proposed AASHTO Bridge Guidelines for Use of ASTM A1010 Steel	Transportation Research Board	399,916	6/1/2017	6/30/2020	
4/21/2017	Sherman, Ryan	Civil & Environmntl Eng & Const	Fracture Characterization of High-Toughness Steel	Oak Ridge Associated	5,000	6/1/2017	5/31/2018	
4/28/2017	Shrestha, Pramen	Civil & Environmntl Eng & Const	Legal Issues Relating to Large Scale Airport Construction Projects	Transportation Research Board	74,989	7/3/2017	6/30/2018	
4/21/2017	Bansal, Shubhra	Center for Energy Research	Bulk and Interface Degradation Mechanisms in Wide-Bandgap Inorganic Perovskite	U.S. Department of Energy	250,374	8/1/2017	7/31/2020	
4/21/2017	Bansal, Shubhra	Center for Energy Research	Degradation Analysis of Encapsulation and Interconnection Materials for New Thin-Film	U.S. Department of Energy	1,449,760	8/1/2017	7/31/2020	
5/2/2017	Kim, Kwang	Mechanical Engineering	Soft-Robots Housing Smart Preventive IR-Based Inspection System	Savannah River Nuclear	301,057	7/1/2017	6/30/2018	
	Moon, Jaeyun	Co-PI	Mechanical Engineering					
5/1/2017	Trabia, Mohamed	Mechanical Engineering	Development of a Volumetric Tissue Stiffness Foot Model for use in Predicting Diabetic	National Institutes of Health	39,978	1/1/2018	10/31/2018	
	Dufek, Janet	Co-PI	Kinesiology and Nutrition Sci					
5/8/2017	Steffik, Andy	Ctr for Math, Sci & Eng Edu	Collaborative Research: CS 10K: AccessCS 10K: Including Students with Disabilities in	National Science Foundation	16,000	9/1/2014	8/31/2017	
5/5/2017	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - UROP Scholarships (Diversity	NV System of Higher Education	16,288	7/1/2016	9/30/2017	
	Batista, Jacimaria	Co-PI	Civil & Environmntl Eng & Const					
5/5/2017	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - UROP Scholarships (Workforce	NV System of Higher Education	56,250	7/1/2016	9/30/2017	
	Batista, Jacimaria	Co-PI	Civil & Environmntl Eng & Const					
5/9/2017	Sun, Ke-Xun	Elec & Comp Engineering	Precision Time and Frequency Transfer Technology - Task 24	National Security Technologies	93,000	5/22/2017	12/31/2017	
5/9/2017	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Task 2 - Nexus Research	EPSCoR/National Science	71,820	6/1/2013	5/31/2018	

5/9/2017	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const						
	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Task 8 - State Match	NV System of Higher Education	59,875	7/1/2016		12/31/2017	
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const						
5/15/2017	Venkat, Rama	Dean, College of Engineering	NASA Teledyne Mentor-Protégé Program	Teledyne Brown Engineering,	11,567	8/3/2015		6/30/2017	
	Bernacki, Matthew	Co-PI	Educ Psy & Higher Edu						
	Nasoz, Fatma	Co-PI	Computer Science						
	Watkins, Helga	Co-PI	Dean, College of Fine Arts						
5/15/2017	Stefik, Andy	Computer Science	Collaborative Research: AccessCS for All: Including Students with Disabilities in at High	National Science Foundation	472,458	9/1/2017		8/31/2020	
5/18/2017	Paz-Cruz, Alexander	Transportation Research Center	Field Test of a New Mobile System for the Collection of Crash and Citation Data in	University of Nevada, Reno	77,058	1/5/2017		12/31/2017	
5/18/2017	Moon, Jaeyun	Mechanical Engineering	Chlorinated Solvents Remediation Using Cost-Effective/Reusable Novel Nanomaterials:	Savannah River Nuclear	189,622	7/1/2017		6/30/2018	
5/18/2017	Shrestha, Pramen	Civil & Envirnmntl Eng & Const	Algorithm Development for Digital Engineering and Project Planning of Facility	Savannah River Nuclear	304,056	8/1/2017		7/31/2018	
5/18/2017	Batista, Jacimaria	Civil & Envirnmntl Eng & Const	Biologically and Chemically Mitigated Soil Flushing for Hexavalent Chromium	Savannah River Nuclear	1,242,766	10/1/2017		9/30/2020	
	Gerrity, Daniel	Co-PI	Civil & Envirnmntl Eng & Const						
	Kim, Kwang	Co-PI	Mechanical Engineering						
	Moon, Jaeyun	Co-PI	Mechanical Engineering						
	Nicholl, Michael	Co-PI	Geoscience						
5/18/2017	Sun, Ke-Xun	Elec & Comp Engineering	UNLV CESSE Contribution to UNR SSAA Proposal: Part 1: Fiber Optic Magnetic Field	University of Nevada, Reno	1,000,556	10/1/2017		9/30/2022	
6/1/2017	Boehm, Robert	Center for Energy Research	2017 Nexus Special Projects Match Year 5	NV System of Higher Education	71,311	6/1/2017		5/30/2018	
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const						
6/1/2017	Boehm, Robert	Center for Energy Research	2017 Nexus UROP Scholarships & WFD	NV System of Higher Education	40,980	6/1/2017		5/31/2018	
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const						
5/24/2017	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - UROP Scholarships (Diversity	NV System of Higher Education	9,500	7/1/2016		5/30/2018	
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const						
5/24/2017	Baghzouz, Yahia	Elec & Comp Engineering	Derivation of Diesel Generator Parametric Model from Field Test Data	NV System of Higher Education	5,000	6/1/2017		8/31/2017	
6/1/2017	Zhan, Justin (Zhijun)	Computer Science	Center of Excellence in Data Science and Engineering	U.S. Army Research Office	1,979,219	10/1/2017		9/30/2022	
6/2/2017	Choi, Jin Ouk	Civil & Envirnmntl Eng & Const	True Cost of Custom Design in a UMM Commodity Market	University of Texas, Austin	52,602	5/1/2017		12/31/2017	
6/7/2017	James, David	Civil & Envirnmntl Eng & Const	Evaluation of Approaches to Determine Mixing and Assimilation of Reuse Effluent	U.S. Bureau of Reclamation	68,000	6/2/2017		9/30/2019	
	Gerrity, Daniel	Co-PI	Civil & Envirnmntl Eng & Const						
	Hayes, Donald	Co-PI	Civil & Envirnmntl Eng & Const						
	Stephen, Haroon	Co-PI	Civil & Envirnmntl Eng & Const						
6/2/2017	Kachroo, Pushkin	Transportation Research Center	Observational Seat Belt Use Survey - FY 17	Nevada Office of Traffic Safety	26,915	10/1/2016		9/30/2017	
5/26/2017	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Task 8 - State Match	NV System of Higher Education	51,235	7/1/2016		5/30/2018	
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const						
5/26/2017	Boehm, Robert	Center for Energy Research	The Solar Energy-Water-Environment Nexus in Nevada - Task 2 - Nexus Research	EPSCoR/National Science	48,450	6/1/2013		5/31/2018	
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const						
5/22/2017	Venkat, Rama	Dean, College of Engineering	NASA Teledyne Mentor-Protégé Program	Teledyne Brown Engineering,	18,838	8/3/2015		6/30/2017	
	Bernacki, Matthew	Co-PI	Educ Psy & Higher Edu						
	Nasoz, Fatma	Co-PI	Computer Science						
	Watkins, Helga	Co-PI	Dean, College of Fine Arts						
6/13/2017	Barzilov, Alexander	Mechanical Engineering	Nuclear Engineering Fellowship Program at UNLV	Nuclear Regulatory Commission	66,667	9/30/2015		9/29/2019	
	Culbreth, William	Co-PI	Mechanical Engineering						
6/16/2017	Boehm, Robert	Center for Energy Research	2017 Nexus Special Projects Match Year 5	NV System of Higher Education	9,872	6/1/2017		5/30/2018	
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const						
6/9/2017	Stefik, Andy	Computer Science	ECR DCL Level 2: Perceptual and Implementation Strategies for Knowledge Acquisition	National Science Foundation	6,500	1/15/2017		12/31/2019	
6/6/2017	Venkat, Rama	Dean, College of Engineering	NASA Teledyne Mentor-Protégé Program	Teledyne Brown Engineering,	20,297	8/3/2015		9/30/2017	
	Bernacki, Matthew	Co-PI	Educ Psy & Higher Edu						
	Nasoz, Fatma	Co-PI	Computer Science						
	Watkins, Helga	Co-PI	Dean, College of Fine Arts						
6/14/2017	Zhao, Hui	Mechanical Engineering	Development of a Multi-Scale Mathematical Model for Chip-Based Chromatography	National Institutes of Health	143,610	2/1/2018		1/31/2020	
6/9/2017	Ahmad, Sajjad	Civil & Envirnmntl Eng & Const	Climate Change Impact Assessment on Storm-Water Infrastructure within Las Vegas	Southern Illinois University,	2,960	7/1/2017		8/30/2018	
6/8/2017	Wang, Zhiyong	Ctr for Materials & Structures	3D Printed Drill Plate Optimization - Task 6	Lockheed Martin Corporation-	39,993	6/5/2017		3/30/2018	
	O'Toole, Brendan	Co-PI	Ctr for Materials & Structures						
6/29/2017	Boehm, Robert	Center for Energy Research	2017 Nexus UROP Scholarships & WFD	NV System of Higher Education	949	6/1/2017		5/30/2018	
	Batista, Jacimaria	Co-PI	Civil & Envirnmntl Eng & Const						
6/19/2017	Kim, Kwang	Mechanical Engineering	EAP Soft Micro-Sensor Array for Naval Applications	Office of Naval Research	150,908	4/1/2016		3/31/2019	
EGR	51				Total 12,886,664				
Total	219				Total 59,332,668				