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| 1/12/2016 | FY 16 2nd Quarter Proposals | | | | | | |
| Submit Date | PI Name | Dept | Project Title | Agency | Total | Proposed Start Date | Proposed End Date |
| 10/2/2015 | Batista, Jacimaria | Civil & Environmntl Eng & Const | Laboratory Microcosm & Column Studies for Groundwater Bioremediation Pilot Test - Task 1,2 & 3 | Tetra Tech, Inc | 29,430 | 5/15/2015 | 11/26/2015 |
| | Gerrity, Daniel | Co-PI | Civil & Environmntl Eng & Const | | | | |
| 10/14/2015 | Venkat, Rama | Dean, College of Engineering | NASA Teledyne Mentor-Protégé Program | Teledyne Brown Engineering, Inc-FPT | 23,168 | 8/3/2015 | 7/30/2016 |
| | Bernacki, Matthew | Co-PI | Educ Psy & Higher Edu | | | | |
| | Nasoz, Fatma | Co-PI | Computer Science | | | | |
| | Watkins, Helga | Co-PI | Dean, College of Fine Arts | | | | |
| 10/9/2015 | James, David | Civil & Environmntl Eng & Const | NASA Space Grant: Extending STEM Education in Informal Settings Through Hands-On Activities for K-6 and Middle School | Nevada System of Higher Education | 21,356 | 11/1/2015 | 12/31/2016 |
| 10/12/2015 | Muthukumar, Venkatesan | Elec & Comp Engineering | NASA Space Grant: UAS Modeling and Testing - A Complete Hands-On Approach | Nevada System of Higher Education | 39,641 | 1/1/2016 | 12/31/2016 |
| | Regentova, Emma | Co-PI | Elec & Comp Engineering | | | | |
| | Yim, Woosoon | Co-PI | Mechanical Engineering | | | | |
| | Singh, Sahjendra | Co-PI | Elec & Comp Engineering | | | | |
| 10/2/2015 | Hartmann, Thomas | Mechanical Engineering | Idaho National Laboratory Joint Appointment Agreement | Battelle Energy Alliance, LLC | 23,031 | 8/22/2008 | 12/31/2015 |
| 10/8/2015 | Kim, Kwang | Mechanical Engineering | NASA Space Grant: Soft Robotics - Trabia, Sarah | Nevada System of Higher Education | 10,500 | 11/1/2015 | 12/31/2016 |
| 10/8/2015 | Kim, Kwang | Mechanical Engineering | NASA Space Grant: High Speed Visualization of Dropwise Condensation on a Flat Plate - Blake Naccarato | Nevada System of Higher Education | 10,500 | 11/1/2015 | 12/31/2016 |
| 10/8/2015 | Kim, Kwang | Mechanical Engineering | NASA Space Grant: Development of Physics Based Models of Ionic Electroactive Polymer Devices for Robotic and Planetary Actuator Applications - Tyler Stalbaum | Nevada System of Higher Education | 10,500 | 11/1/2015 | 12/31/2016 |
| 10/6/2015 | Reynolds, Douglas | Ctr for Mech & Env Sys Tech | Vast Lab Testing Services - Dadanco/Mestek, Inc | Various | 13,800 | 7/17/2014 | 8/5/2016 |
| 10/6/2015 | O'Toole, Brendan | Ctr for Materials & Structures | Experimental Characterization and Computational Simulation of Shock Propagation and Failure Mechanisms in Complex Materials - Task 7 | National Security Technologies | 5,000 | 12/15/2014 | 9/30/2015 |
| | Trabia, Mohamed | Co-PI | Mechanical Engineering | | | | |
| 10/20/2015 | Culbreth, William | Mechanical Engineering | DT Systems Upgrade Support - Task 19 | National Security Technologies | 79,994 | 10/1/2015 | 2/29/2016 |
| 10/20/2015 | Kim, Yoohwan | Computer Science | 1SR (One Step Removed) Facility Protection Module - Task 17 | National Security Technologies | 19,210 | 10/20/2015 | 2/29/2016 |
| 10/1/2015 | Kim, Si Jung | Dean, College of Engineering | REU Site: Welcome to The STEM Strip in Fabulous Las Vegas - Entertainment Engineering Learning and Experience of STEM Applications in an Entertainment Town | National Science Foundation | 480,933 | 2/1/2016 | 1/31/2019 |
| | Trabia, Mohamed | Co-PI | Dean, College of Engineering | | | | |
| 10/1/2015 | Kim, Si Jung | Dean, College of Engineering | CAREER: Wearable Story: A Wearable Storytelling Education to Enhance Children's Independent Learning and Increase Physical Activities | National Science Foundation | 1,007,280 | 2/1/2016 | 1/31/2021 |
| 10/15/2015 | Baker, R. Jacob | Elec & Comp Engineering | Silicon Photomultipliers (SiPMs) for Nuclear Physics Research | Freedom Photonics LLC/FPT | 65,000 | 2/22/2016 | 11/21/2016 |
| 10/19/2015 | Zhao, Hui | Mechanical Engineering | Electric-Field Directed Spin-Coating Assisted Nanoparticle Self-Assembly at Liquid-Air Interfaces | National Science Foundation | 353,655 | 8/1/2016 | 7/31/2019 |
| | Sun, Ke-Xun | Co-PI | Elec & Comp Engineering | | | | |
| 11/1/2015 | Chen, Yitong | Center for Energy Research | Thermal Dynamics and Neutronics Modeling Simulations on RTMSR Reactor Design - Phase II | Utah Green Energy Technologies, LLC | 250,000 | 11/1/2015 | 12/31/2016 |
| 11/2/2015 | Bansal, Shubhra | Mechanical Engineering | In-Situ Accelerated Lifetime Test Chamber for Degradation Mechanisms in Thin Film Photovoltaic Devices | U.S. Army Research Office | 274,546 | 7/15/2016 | 7/14/2017 |
| | Hatchett, David | Co-PI | Chemistry & Biochemistry | | | | |
| | Kim, Kwang | Co-PI | Mechanical Engineering | | | | |

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| 10/28/2015 | Zhan, Justin (Zhijun) | Computer Science | A Deep Learning Approach for Network Dynamics | U.S. Army Research Office | 390,000 | 2/1/2016 | 1/31/2019 |
| 10/29/2015 | Zhao, Hui | Mechanical Engineering | Flow Effects in Electric Field Directed Assembly of Colloidal Particles | National Science Foundation | 306,928 | 8/1/2016 | 7/31/2019 |
| 11/16/2015 | Baker, R. Jacob | Elec & Comp Engineering | Photodetectors and High-Speed Electronics Using Silicon Germanium (SiGe) Bipolar/CMOS (BiCMOS) Integrated Circuits - Task 20 | National Security Technologies | 30,000 | 11/16/2015 | 2/29/2016 |
| 11/16/2015 | Kim, Si Jung | Dean, College of Engineering | STEM Origami | Nev. Arts Council | 1,000 | 1/4/2016 | 1/3/2017 |
| 11/2/2015 | Kim, Kwang | Mechanical Engineering | Additive Manufacturing (AM) Workshop | EPSCoR/National Aeronautics & Space Administration | 12,041 | 1/16/2016 | 4/30/2016 |
| | Moon, Jaeyun | Co-PI | Mechanical Engineering | | | | |
| 11/2/2015 | Yang, Mei | Elec & Comp Engineering | RET Site: Research Experience in Cyberinfrastructure-Enabled Computational Science for High School STEM Teachers | National Science Foundation | 599,330 | 5/1/2016 | 4/30/2019 |
| | Zhang, Shaoan | Co-PI | Teaching and Learning | | | | |
| 11/2/2015 | Das, Biswajit | Elec & Comp Engineering | RET Site: Enhancing Educational Excellence in STEM with Micro-Nanotech | National Science Foundation | 599,373 | 7/1/2016 | 6/30/2019 |
| | Vallett, David | Co-PI | Teaching and Learning | | | | |
| 11/17/2015 | Latifi, Sharam | Ctr for Info Tech & Algorithms | CSR: Small: An Adaptive Security Framework for Design and Evaluation of the Internet of Things Networks | National Science Foundation | 485,480 | 7/1/2016 | 6/30/2019 |
| 11/18/2015 | Schill, Robert | Ctr Eng Matrls Tech (EMITION) | Examining the Characteristics of Constricted Pulsed-Power Plasma Glow Discharges and Plasma Pinches | National Science Foundation | 742,552 | 7/1/2016 | 6/30/2019 |
| 11/12/2015 | Moon, Jaeyun | Center for Energy Research | The Development of N-Type Hybrid Thermoelectric Materials with High Performance | Hyundai Next Generation Vehicle Technology | 26,000 | 11/1/2015 | 4/30/2016 |
| 11/13/2015 | Zhan, Justin (Zhijun) | Computer Science | Acquisition of High Performance Computing Instrument for Network Big Data Research and Education | U.S. Army Research Office | 499,589 | 7/1/2016 | 6/30/2017 |
| 11/17/2015 | Bein, Wolfgang | Ctr for Info Tech & Algorithms | AF: Small: Server Problems: New Directions and Techniques | National Science Foundation | 349,180 | 5/1/2016 | 4/30/2019 |
| | Larmore, Lawrence | Co-PI | Computer Science | | | | |
| 11/19/2015 | Sun, Ke-Xun | Elec & Comp Engineering | Center of Excellence for Security Science and Engineering - Task 18 | National Security Technologies | 121,111 | 10/1/2015 | 2/29/2016 |
| 11/20/2015 | Barzilov, Alexander | Mechanical Engineering | DT Neutron Source for Nuclear Science and Engineering Research and Education | U.S. Department of Energy | 250,000 | 5/1/2016 | 4/30/2017 |
| | Culbreth, William | Co-PI | Mechanical Engineering | | | | |
| | Regentova, Emma | Co-PI | Elec & Comp Engineering | | | | |
| 11/25/2015 | Barzilov, Alexander | Mechanical Engineering | Tri-Mode Radiation Detector for SDRD Project - Task 21 | National Security Technologies | 11,708 | 11/25/2015 | 2/29/2016 |
| 12/3/2015 | Stephen, Haroon | Civil & Envirnmntl Eng & Const | Groundwater Mapping in Great Basin Using Remote Sensing Hydrologic Data | Desert Research Institute | 84,231 | 3/1/2016 | 2/28/2018 |
| | Ahmad, Sajjad | Co-PI | Civil & Envirnmntl Eng & Const | | | | |
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| 12/1/2015 | Oh, Paul | Mechanical Engineering | DRC-Hubo-Leveraging a 7-Hubo Infrastructure and Unified Algorithmic Framework for the DARPA Robotics Challenge | Drexel University | 11,031 | 9/14/2014 | 2/28/2016 |
| 12/11/2015 | Morris, Brendan | Elec & Comp Engineering | Tracking Object Parts and Learning Interactions Rules | Naval Research Laboratory | 58,390 | 12/4/2015 | 12/3/2016 |
| 12/8/2015 | Boehm, Robert | Center for Energy Research | The Solar Energy-Water-Environment Nexus in Nevada - UROP Scholarships (Diversity Plan) | NV System of Higher Education | 4,750 | 12/1/2015 | 5/31/2016 |
| | Regner, Kurt | Co-PI | School of Life Sciences | | | | |
| | Batista, Jacimaria | Co-PI | Civil & Envirnmntl Eng & Const | | | | |
| 12/8/2015 | Boehm, Robert | Center for Energy Research | The Solar Energy-Water-Environment Nexus in Nevada - UROP Scholarships (Workforce Development) | NV System of Higher Education | 16,250 | 12/1/2015 | 5/31/2016 |
| | Regner, Kurt | Co-PI | School of Life Sciences | | | | |
| | Batista, Jacimaria | Co-PI | Civil & Envirnmntl Eng & Const | | | | |
| 12/1/2015 | Datta, Ajoy | Ctr for Math, Sci & Eng Edu | AF:SMALL: Self-Stabilizing Distributed Algorithms for Leader Election and Related Problems | National Science Foundation | 499,687 | 5/1/2016 | 4/30/2019 |
| | Larmore, Lawrence | Co-PI | Computer Science | | | | |

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| 12/18/2015 | Kim, Kwang | Mechanical Engineering | Soft Micro-Sensor Array for Naval Applications | Office of Naval Research | 454,529 | 1/1/2016 | 12/31/2016 |
| 12/15/2015 | Zhan, Justin (Zhijun) | Computer Science | Establishing an Army Educational Outreach Program Site in Data Science and Engineering at University of Nevada, Las Vegas | U.S. Army Research Office | 80,000 | 6/1/2016 | 8/1/2017 |
| 12/16/2015 | Kachroo, Pushkin | Transportation Research Center | Observational Seat Belt Usage Survey FY 16 | Nevada Office of Traffic Safety | 45,000 | 10/1/2015 | 9/30/2016 |
| 12/16/2015 | Kachroo, Pushkin | Transportation Research Center | Driver's Edge: Assessment Through Smartphone APP | Nevada Office of Traffic Safety | 28,000 | 10/1/2015 | 9/30/2016 |
| EGR | 43 | | | Total | 8,423,704 | | |
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| 10/13/2015 | Menzel, Nancy | School of Nursing | IDeA Mini Grant: Potential Impact of Homelessness on Water Quality | Univer of Nevada, Las Vegas | 13,619 | 12/10/2015 | 6/30/2016 |
| | Batista, Jacimaria | Co-PI | Civil & Envirnmntl Eng & Const | | | | |
| | Gerrity, Daniel | Co-PI | Civil & Envirnmntl Eng & Const | | | | |
| 10/16/2015 | Shan, Guogen | Environ & Occup Health | Adaptive Designs for Early Phase Cancer Clinical Trials | National Institutes of Health | 148,000 | 7/1/2016 | 6/30/2018 |
| | Muthukumar, Venkatesan | Co-PI | Elec & Comp Engineering | | | | |
| 11/13/2015 | Vallett, David | Ctr for Math, Sci & Eng Edu | CodeBotix | National Science Foundation | 1,195,452 | 7/1/2016 | 6/30/2019 |
| | Oh, Paul | Co-PI | Mechanical Engineering | | | | |
| | Schrader, PG | Co-PI | Teaching and Learning | | | | |
| 11/4/2015 | Tettegah, Sharon | Ctr for Math, Sci & Eng Edu | Coordinating Curricula and User Preferences to Maximize the Participation of Women and Students of Color in Engineering | National Science Foundation | 300,000 | 9/1/2016 | 8/31/2019 |
| | Jiang, Yingtao | Co-PI | Elec & Comp Engineering | | | | |
| | Shih, Jeffrey | Co-PI | Teaching and Learning | | | | |