

Pamidi, Sastry; Kim, Chul	Fully Encapsulating Dielectrics for Gaseous Helium-Cooled Superconducting CORC P	Advanced Conductor Technologies	125,000.00	\$	June
Xu, Chengying; Guo, Wei	Wireless Passive Nanoparticle Based Intelligent Sensor System for Extreme Environ	Sensatek Propulsion Technology	37,500.00	\$	June
Alvi, Farrukh; Kumar, Rajan	Unsteady Aerodynamics of VSTOL Dual Impinging Jets-A Comprehensive Approach	Office of Naval Research	332,531.00	\$	June
Kametani, Fumitake; Hellstrom, Eric; Larbalestier, David; Tarantini, Chiara	The Underlying Science for Realizing High Critical Current Density in (Ba/Sr)Fe2As2 F	U. S. Department of Energy	150,000.00	\$	June
Kumar, Rajan	Characterization of Air Data Probes and Vanes at the FSU Polysonic Wind Tunnel	Aerosonic	165,180.00	May	
Kumar, Rajan	Design, Fabrication and Integration of Mach 1.6 Nozzle for FSU Polysonic Wind Tuni	Aerosonic	16,000.00	May	
Ma, Biwu; Siegrist, Theo	Structural Dimensionality Control Of Organic-Inorganic Metal Halide Hybrids	Air Force Office of Scientific Research	22,000.00	May	
Kampmann, Raphael; Rambo-Roddenberry, Michelle	Performance Evaluation, Material and Specification Development for Basalt Fiber Ri	Florida Department of Transportation	81,799.43	May	
Guo, Wei; Cattafesta, Louis	High Reynolds Number Turbulence Research In Cryogenic Helium	National Science Foundation	375,003.00	May	
Okoli, Okenwa; Dickens, Tarik	DREAM: Diversity in Research and Engineering of Advanced Materials Training	Air Force Research Laboratory	90,000.00	\$	April
Arghandeh Jouneghani, Reza	Resilient Alaskan Distribution System Improvements Using Automation, Network Ar	Idaho National Laboratory	225,000.00	\$	April
Larbalestier, David; Polyanski, Anatolii	MO Studies of Superconducting Tapes	Brookhaven Technology Group	10,000.00	\$	April
Grant, Samuel	Collaboration On Migraine Research	Huntington Medical Research Institute	5,000.00	\$	April
Hipes, Daniel	Longleaf Pine Dataset	U.S. Endowment for Forestry & Commu	172,931.00	\$	April
Hooks, Alexandra; Burgess, Scott	Causes of Reproductive Success of a Voracious Oyster Predator	PADI Foundation	4,700.00	\$	April
Pamidi, Sastry	Advanced AC Loss Measurements on MgB2 Racetrack Coil at 20 K	Advanced Magnet Lab	14,176.00	\$	March
Park, Chiwoo; Mattoussi, Hedi	Dynamic Data Driven Control Of Nanoparticle Self-Assembly Processes	Air Force Office of Scientific Research	191,451.00	\$	March
Taira, Kunihiko	US-Japan Workshop on Bridging Fluid Mechanics and Data Sciences	Air Force Office of Scientific Research	6,700.00	\$	March
Cooley, Lance	Level 3 Management Of Conductor Procurement For HL-LHC Accelerator Upgrade P	Fermi National Accelerator Laboratory	55,882.00	\$	March
Personette, Michelle	Tourism Marketing Grant for Challenger Learning Center	Council on Culture & Arts	5,000.00	February	
Xu, Chengying	Wireless High Temperature Sensor for Real Time Monitoring of Power Generation T	Sensatek Propulsion Technology	\$22,500.00	February	
Shih, Chiang; Gustavsson, Jonas	Noise Studies of Danfoss-Turbocor Compressor Systems	Danfoss Turbocor Compressors, Inc.	\$7,500.00	February	
Taira, Kunihiko	US-Japan Workshop on Bridging Fluid Mechanics and Data Science	Intelligent Light	\$1,500.00	February	
Smith, Dennis; Duncan, Michael; Horner, Mark; Ozguven, Eren	MetroPlan Orlando SunRail TOD Ridership Study	MetroPlan Orlando	\$27,569.00	February	
Xu, Chengying	Dielectric Measurement Of Ceramic Materials At High Temperature	Johns Hopkins University	\$25,000.00	February	
Xu, Chengying	Wireless High Temperature Sensor for Real Time Monitoring of Power Generation T	Sensatek Propulsion Technology	\$52,500.00	February	
Xu, Chengying	Dielectric Measurement Of Ceramic Materials At High Temperature	Johns Hopkins University	\$25,000.00	February	
Shih, Chiang; Gustavsson, Jonas	Noise Studies of Danfoss-Turbocor Compressor Systems	Danfoss Turbocor Compressors, Inc.	\$7,500.00	February	
Taira, Kunihiko	US-Japan Workshop on Bridging Fluid Mechanics and Data Science	Intelligent Light	\$1,500.00	February	
Guo, Wei	High Resolution Validation of Next Generation Turbulent Flow Models Using Neutro	Oak Ridge Associated University	34,780.00	\$	January
Abichou, Tarek; Tang, Youneng	Effects of Florida Leachates on Geosynthetic Clay Liners (GCLs)	University of Florida	36,372.00	\$	January
Tang, Youneng; Chen, Gang	Landfill Leachate Pretreatment Prior to Discharge to Sewer: Metal Recovery and Nit	University of Florida	40,596.00	\$	January
Hallinan, Daniel; Cattafesta, Louis	Lithium Reactions in Solid Electrolytes that Resist Dendrites	LG Chem R&D Campus Daejeon	150,000.00	\$	January
					2018
					2017
Hallinan, Daniel	CAREER: Dynamics in Nanostructured Polymer Materials	National Science Foundation	111,272.00	\$	December
Jung, Sungmoon; Wekezer, Jerzy	Crashworthiness And Safety Assessment Of Cutaway Buses 2018	Florida Department of Transportation	265,000.00	\$	December
Kumar, Rajan	3D Fluid Dynamic and Aero-optical Characterization of Turret Geometry at Transoni	Spectral Energies, LLC	425,328.00	\$	December
Taira, Kunihiko	Flow Physics And Control Of 3-D Separation On 3-D Swept Wings	Rensselaer Polytechnic Institute	89,039.00	\$	December
Zheng, Jianping	Development Of High Energy Density Li-Ion Batteries	General Technical Services	168,325.00	\$	December
Cattafesta, Louis; Taira, Kunihiko	Uncovering Flow Physics For High-Speed Cavity Flow Control	University of Florida	158,074.00	\$	November
Faruque, Md Omar; McGinnis, Roger	Developing Optimal Control Technology for Distributed Energy Resources (DOCTdE	Nhu Energy	600,000.00	\$	November
Hu, Yan-Yan	MRSEC: Center for Multifunctional Materials	Northwestern University	78,494.00	\$	November
Moses, Ren; Ozguven, Eren	Evaluation Of Connected Vehicle Applications On Mahan Corridor, Phase I	Florida Department of Transportation	195,000.00	\$	November
Oates, William; Hussaini, Mohammed	Quantum Computing Workshop for Advancing Aerospace Sciences	National Science Foundation	10,000.00	\$	November
Taira, Kunihiko; Cattafesta, Louis; Shoele, Kourosh	Characterization of Perturbation Dynamics in Unsteady Flows	Air Force Office of Scientific Research	444,475.00	\$	November
Xu, Cheryl	Electromagnetic Properties Study of Conductive Ceramic Composites Made of Ultr		333,022.00	\$	November
Kumar, Rajan	Aerodynamic Characterization of a Tangent Ogive Cylinder with Fins	Aiolos Engineering Corporation	15,000.00	\$	October
Abichou, Tarek; Tang, Youneng	Effects of Aggressive Leachates on Modified Geosynthetic Clay Liners (GCLs)	Environmental Research and Education	150,001.00	\$	October
Moses, Ren	Civil Engineering Support for the Traffic Monitoring Program	Florida Department of Transportation	80,000.00	\$	October
Rambo-Roddenberry, Michelle; Kampmann, Raphael	Stainless Steel Strands And Lightweight Concrete For Pretensioned Concrete Girder	Florida Department of Transportation	279,998.38	\$	October
Whalen, Jeff; Andrei, Petru; Siegrist, Theo	Removal Of Magnetically Attached Devices (MAGPIE-ReMAD) Effectiveness And Sus	National Center for Manufacturing Scie	279,900.00	\$	October
Fraser, Peter	New automated experimental and computational pipeline for high coverage single-	National Heart Lung Blood Institute	500,678.00	\$	October
Li, Hui	Universal Test Bed for SSTs and DC Microgrids	North Carolina State University	60,000.00	\$	October
Ozguven, Eren; Boot, Walter	SCC-RCN: One Bridge at a Time: Bridging the Digital Divide for the Well-Being of Agin	State University of New York	21,747.00	\$	October
Cooley, Lance; Lee, Peter	NB3SN Superconducting Cavities By Bronze Routes For Accelerator Stewardship	U. S. Department of Energy	360,000.00	\$	October
Cattafesta, Louis; Alvi, Farrukh; Kumar, Rajan	A Volumetric Particle Image Accelerometer for Fluid Dynamic Applications	Air Force Office of Scientific Research	373,656.00	\$	September
Ramakrishnan, Subramanian	CREST Center for Complex Mater	National Science Foundation	2,000,000.00	\$	September
Zheng, Jianping	Development of Internal Hybrid Li-ion Battery and Li-ion Capacitor Cells and Energy	Office of Naval Research	241,985.00	\$	September
Xu, Chengying	Effect Of Pyrolysis Temperature On Electrical Properties And Conduction Mechanisr	U. S. Army Research Office	59,927.00	\$	September
Steuere, Michael	Feasibility Study for a Transformer Short Circuit Test at Higher Than 60 Hz	Espey Mfg. & Electronics Corporation	50,504.00	\$	September
Kumar, Rajan	Development of A Time-Resolved	Department of Defense - Army	503,671.00	\$	September
Guan, Jingjiao; Ren, Yi	Microdevice-Armed Macrophage For Treating Cancer	National Cancer Institute	70,668.00	\$	August
Grant, Samuel; Ma, Teng	MR Analysis of Pre-Conditioned Human Mesenchymal Stem Cells for Stroke Therap	National Institutes of Health	360,874.00	\$	August
Li, Yan; Zhou, Yi	Engineering Extracellular Matrices in Forebrain Organoids for Studying Neural Dege	National Institutes of Health	71,316.00	\$	August
Kobelo, Doreen C	Senior Community Resilience	Florida State University	29808.63	August	
Kobelo, Doreen C	Driver Behavior Recognition an	Florida State University	91664.80	August	
Bernadin, Shonda Lachelle	CROP-ENG	FL Dept of Education	71907.21	August	
Liang, Zhiyong; Okoli, Okenwa; Park, Jin Gyu; Zeng, Changchun	Institute For Ultra-Strong Composites By Computational Design (US_COMP	Michigan Technological University	372,925.00	\$	August
Lin, Shangchao	Understanding Surface Wetting and Vapor Adsorption Induced Degradation Pathw	National Science Foundation	227,972.00	\$	August
Linero, Antonio	Leveraging Structural Information in Regression Tree Ensembles	National Science Foundation	32,281.00	\$	August
Ma, Teng; Logan, Timothy	Collaborative Research: Maintaining Energy Homeostasis to Preserve Biological Proj	National Science Foundation	552,973.00	\$	August
Locke, Bruce	Suschem: Chemical Reaction Engineering for Sustainable Production of Nitrogen Fe	National Science Foundation	301,503.00	\$	July
Alvi, Farrukh; Kumar, Rajan	A Comprehensive Study of 3-D Shock/Turbulent Boundary Layer	AFOSR	549,589.00	\$	July
Xu, Chengying	Additive Manufacturing of an Embedded Pressure Sensor for Extreme Environment	Air Force Research Laboratory	25,000.00	\$	July
Kumar, Rajan	Characterization of air data probes at high speeds	Aerosonic	29,510.00	\$	July
Xu, Chengying	Material Processing and Electrical Property Characterization of Ceramic Materials in	National Aeronautics & Space Administ	3,499.00	\$	June
Ma, Biwu	Multi-Excited-State Phosphorescent Molecules With Photoinduced Structural Chang	National Science Foundation	363,682.00	\$	June
Dickens, Tarik J	Institute for Ultra-Strong Com	Michigan Technological University	55,660.00	June	
Ma, Biwu	Low Dimensional Organometal Halide Perovskites	National Science Foundation	428,650.00	\$	June
Pamidi, Sastry; Larbalestier, David	Cost-Effective Conductor, Cable, and Coils for High Field Rotating Electric Machi	U. S. Department of Energy	378,742.00	\$	June
Foo, Simon Y	2017 Gulf of Mexico Spring Sch	Office of Naval Research	30,000.00	May	
Moore, Carl A	URS Equipment Inventory and Da	URS Corporation	76763.00	May	
Cattafesta, Louis	Flow Physics and Nonlinear Dynamics of Natural and Perturbed Turbulent Separati	Air Force Office of Scientific Research	367,068.00	\$	May
Alvi, Farrukh; Kumar, Rajan	Dynamics Of Unsteady Flow Past Bluff Bodies With Lofted Bases	Ohio State University	124,813.00	\$	May
Okoli, Okenwa O	FAMU Proposal for Civil Space	Lockheed Martin	75770.00	May	
Zhang, Mei	I-Corps: Nanocarbon Foam	National Science Foundation	50,000.00	\$	May
Krishnamurti, Tiruvalam	Modeling And Assimilation Of Convection And Boundary Layer Winds For CPEX	National Aeronautics & Space Administ	173,600.00	\$	April
Tang, Youneng	Synergistic Reductive Dechlorination of 1,1,1-Trichloroethane and Trichloroethene	Arizona State University	27,670.00	\$	April
Pamidi, Sastry	Hybrid Cable	Energy to Power Solutions	225,000.00	\$	April
Spainhour, Lisa	Traffic and Criminal Software (TraCS) Support Enhancement and Training	Florida Department of Transportation	200,000.00	\$	March
Edrington, Chris	Distributed Optimality and Autonomy in Naval Microgrids	University of Texas at Arlington	25,000.00	\$	March
Taira, Kunihiko	Characterization, Modeling, and Control of Turbulence From a Network-Theoretic P	U. S. Army Research Office	15,000.00	\$	March
Kumar, Rajan	Intercollegiate Rocket Engineering Competition	University of Central Florida	800.00	\$	March
Taira, Kunihiko	Characterization, Modeling, and Control of Turbulence From a Network-Theoretic P	U. S. Army Research Office	15,000.00	\$	March
Kumar, Rajan	Intercollegiate Rocket Engineering Competition	University of Central Florida	600.00	\$	March

Edrington, Chris	Distributed Optimality and Autonomy in Naval Microgrids	University of Texas at Arlington	25,000.00	\$	March
Taira, Kunihiko	Characterization, Modeling, and Control of Turbulence From a Network-Theoretic P	U. S. Army Research Office	20,000.00	\$	March
Kumar, Rajan	Intercollegiate Rocket Engineering Competition	University of Central Florida	600.00	\$	March
Faruque, Md Omar	A Collaborative Industrial Assessment Center for Expanded Outreach Within the So	Georgia Institute of Technolog	10,000.00	\$	February
Li, Yan	CAREER: Engineering Brain-region-specific Organoids Derived from Human Stem Ce	National Science Foundation	501,345.00	\$	February
Kumar, Rajan	Characterization of Aeroelastic Angle of Attack Vane at Transonic Speeds	Aerosonic	25,525.00	\$	February
Ozguven, Eren; Dulebenets, Maxim; Moses, Ren	Development of Safety Performance Functions for Restricted Crossing U-Turn (RCU'	Florida Department of Transportation	215,000.00	\$	February
Saunders, Charles; Beitsch, Leslie	Evaluations of Cancer Programs	Florida Department of Health	128,000.00	\$	February
McGinnis, Roger	Senior Design Project Support	General Atomics	30,000.00	\$	February
Personette, Michelle	STEAM Laboratories	Council on Culture & Arts	56,875.00	\$	February
Chen, Gang; Tang, Youneng; Tawfiq, Kamal	Electromagnetic Wave-Induced Heavy Metal Removal for Dewatered Biosolids Com	University of Florida	24,913.00	\$	January
Moses, Ren; Dulebenets, Maxim; Ozguven, Eren	Evaluation Of Capacity Of Roundabouts	Florida Department of Transportation	150,000.00	\$	January
Dickens, Tarik J	RISE: High-Performance Manufac	National Science Foundation	958,674.00	\$	January
Zheng, Jianping	Development and Characterization of Li-ion Capacitor Electrodes and Cells	General Capacitor	142,882.00	\$	January
Park, Chiwoo	Machine Learning Approach for Learning Crystal Lattice Structures from Atomic Sca	UT-Battelle LLC	29,633.00	\$	January
Chen, Gang; Tang, Youneng; Tawfiq, Kamal	Electromagnetic Wave-Induced Heavy Metal Removal for Dewatered Biosolids Com	University of Florida	24,913.00	\$	January
Zheng, Jianping	Development and Characterization of Li-ion Capacitor Electrodes and Cells	General Capacitor	142,882.00	\$	January
					2017
					2016
Cattafesta, Louis	Active Acoustic Liner Technology	Boeing Company	386,546.00	\$	December
Edrington, Chris	Collaborative Research of Decentralization, Electrification, Communications and Ecc	North Carolina State University	200,000.00	\$	December
Edrington, Chris	Prototype Refinement, Simulation and Testing of a Non-Rare-Earth Linear Machine	SentiMetal Journey	150,000.00	\$	December
Kumar, Rajan; Co-PI: Cattafesta, Louis	ESTOL Performance for Heavy Lift Transports Using Ultra-High Lift High Efficiency Cr	University of Miami	152,830.00	\$	December
Lemmon, Emily; Co-PI: Lemmon, Alan	Anchored Phylogenomics Project (APP-SS)	University of California, Riverside	9,504.00	\$	December
Liang, Zhiyong; Co-PI: Park, Jin Gyu	Demonstration Setup of Floating Catalyst Synthesis Process and High Conductive Cr	Orbital ATK	6,000.00	\$	December
Locke, Bruce	Educational Research Agreement	Advanced Fertilizer Systems	50,000.00	\$	December
Steurer, Michael; Co-PI: Schoder, Karl	1 MW High Efficiency Generator Test	Honeywell Inc.	382,804.00	\$	December
Steurer, Michael; Co-PI: Schoder, Karl	HED Bi-Directional Demonstration	L-3 Maritime Systems	86,798.00	\$	December
Kametani, Fumitake	Comprehensive Understanding of Microstructural Correlation to Superconducting Pr	Sumitomo Electric Industries	19,645.00	\$	November
Kumar, Rajan	Aero-Optic Performance Of Beam Director Configurations At Supersonic Speeds	Lockheed Martin Aeronautics Company	114,263.00	\$	November
Liang, Zhiyong; Co-PI: Park, Jin Gyu	Mechanisms and Properties of Molecular Self-assembly and Load Transfer in Large-	Air Force Office of Scientific Research	236,121.00	\$	November
Shih, Chiang	2016-17 FSGC Hybrid Rocket Competition -1 Student Team for Maximum Altitude C	University of Central Florida	554.00	\$	November
Shih, Chiang; Co-PI: Gupta, Nikhil	2016-2017 NASA Competitions Student Project: NASA Human Exploration Rover Ch	University of Central Florida	4,000.00	\$	November
Steurer, Michael	Medium Voltage Direct Current (MVDC) Grounding System	Hepburn and Sons	35,039.00	\$	November
Xu, Chengying	A Hybrid Multifunctional Composite Material by Co-curing Lay-up Process for Enhar	Office of Naval Research	67,356.00	\$	November
Pamidi, Sastry	Fault Current Limiting CORC Distribution Power Cables	Advanced Conductor Technologies	25,000.00	\$	October
Pamidi, Sastry	Fully Encapsulating Dielectrics for Gaseous Helium Cooled CORC Superconducting P	Advanced Conductor Technologies	25,000.00	\$	October
Rambo-Roddenberry, Michelle	Inspection and Monitoring of Fabrication and Construction for the West Halls River	Florida Department of Transportation	445,178.00	\$	October
Spainhour, Lisa	Electronic License and Vehicle Information System (ELVIS)	Florida Department of Transportation	312,490.00	\$	October
Clark II, Clayton J	MSEIP: Program of Excellence i	Department of Education	488,475.00	\$	October
Spainhour, Lisa	Traffic And Criminal Software (TraCS) Support Enhancement and Training	Florida Department of Transportation	546,695.00	\$	October
Weatherford, Charles A	Engineering Learning Community	Department of Education	209,600.00	\$	October
Steurer, Michael	Medium Voltage Direct Current (MVDC) Fault Detection, Localization, and Isolation	IAP Research	35,039.00	\$	October
Pamidi, Sastry	Advanced AC Loss Measurements on MgB2 Racetrack Coil at 20 K	Advanced Magnet Lab	75,000.00	\$	September
Taira, Kunihiko	Network-Based Feedback Control of Fluid Flows	Air Force Office of Scientific Research	256,024.00	\$	September
Oates, William	Simulation of Fluid-Structure Interaction for High-Reynolds-Number Compressible F	Florida A&M University	12,256.00	\$	September
Siegrist, Theo; Co-PI(s): Kovalev, Alexey; Smith, Julia; Suslov, Alexey	MRJ: Development of X-Ray Diffraction In High Magnetic Fields	National Science Foundation	1,233,597.00	\$	September
Arghandeh Jouneghani, Reza; Co-PI(s): Hou, Jinghui; Ozguven, Eren	UHDNetCity: User-Centered Heterogeneous Data Fusion for Multi-Networked City H	National Science Foundation	233,123.00	\$	September
Faruque, Md Omar	Intelligent Energy Controller Integrating On-Site Generation, Weather and Load For	Nhu Energy	80,000.00	\$	September
Ordonez, Juan	A Collaborative Industrial Ass	Georgia Institute of Tech	39318.50	\$	September
Steurer, Michael; Co-PI(s): Arghandeh Jouneghani, Reza; Edrington, Chris; F	An Open-Source Distributed Control Platform For Hil-Based Testing And Demonstra	Office of Naval Research	620,385.00	\$	September
Ramakrishnan, Subramanian	MRJ: Acquisition of a 3D Print	National Science Foundation	275,750.00	\$	September
Pamidi, Sastry	HTS Magnetic Shields for Sensitive Magnetic Measurements	Department of Defense	220,000.00	\$	August
Clark II, Clayton J	HBCU DCL-EAGER Collaborative E	National Science Foundation	299,752.00	\$	August
Pamidi, Sastry	Novel Approaches to High Voltage Insulation for GHe-Cooled HTS Cables	Energy to Power Solutions	25,000.00	\$	August
Zhang, Mei	Low-cost Manufacturing of Carbon Fibers Using Laser Processing	National Science Foundation	83,000.00	\$	August
Mendoza Cortes, Jose	Elucidating The Impact Of Electrostatic Interactions And Number Of Layers On The I	University of Illinois at Urbana	90,963.00	\$	August
Alamo, Rufina	SANS Studies Of the Topology and LLPs Kinetics of Structurally complex Polyolefin N	Exxon Chemical Company	20,001.00	\$	July
Kumar, Rajan	Experimental Characterization of a Tangent Ogive Cylinder body with Fins, Longitud	Air Force Research Laboratory	249,944.00	\$	July

Notice: Awards listed above are administered by FSU SRA

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