

**American Heart Association
Awardees by Program Type
Last Update: February 2017**

Innovative Research Grant

Accornero, Federica PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Gene expression regulation in the remodeling heart **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Agnetti, Giulio PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** New Paradigms in Heart Proteotoxicity and Failure **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

anand, sudarshan PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Oregon Health & Science University, Portland **City/State:** Portland, OR **Project Title:** Manipulating endothelial DNA repair to regulate angiogenesis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Anderson, Cheryl BA,MPH

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Use of stable carbon and nitrogen isotopes to improve dietary assessment for cardiovascular disease prevention **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$138,523

Autieri, Michael PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Temple University **City/State:** Philadelphia, PA **Project Title:** Reduction of blood viscosity and turbulence by magnetic field reduces atherosclerosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Baker, Jason MD,MS

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Minneapolis Medical Research Foundation **City/State:** Minneapolis, MN **Project Title:** HIV-associated Myocardial Fibrosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$149,807

Belin De Chantemele, Eric PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Augusta University **City/State:** Augusta, GA **Project Title:** Leptin-induced, Adipocyte-derived Aldosterone Secretion: A New Risk Factor for Metabolic and Cardiovascular Complication **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

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Benkoski, Jason BS,PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Microfluidic 3-D Printing of Myocardial Tissue Constructs to Examine the Metabolic Basis of Hypertrophic Cardiomyopathy **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$149,562

Bernstein, Daniel MD,BS

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Identifying the Functional Consequences of Mitochondrial Heterogeneity **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Boisvert, William BS,MS

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Hawaii **City/State:** Honolulu, HI **Project Title:** Cholesterol crystals generated by endothelial cells may initiate atherogenesis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

BUFORD, Thomas PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** Wearable technology to reduce sedentary behavior and CVD risk in older adults **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Caron, Kathleen PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Role of Cardiac Lymphatics in Resolution of Myocardial Edema and Injury **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$149,998

Castro, Carlos PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** A Molecular Biophysical Approach for Studying Transvascular Function In Vitro **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Chauhan, Anil PhD,MT

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Targeting pyruvate kinase M2: A novel antiplatelet strategy to prevent thrombosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

CHEREPANOVA, Olga PhD

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Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Role of the pluripotency factor OCT4 in endothelial cells during atherosclerosis development **Award Start Date:** 1/1/2017
Award End Date: 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Cotten, Joseph MD PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Massachusetts General Hospital **City/State:** Boston, MA **Project Title:** Targeting the Over Active Carotid Body **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Davidson, Jesse MD, MPH

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Colorado Denver **City/State:** Denver, CO **Project Title:** Alkaline phosphatase for the prevention of acute lung injury in a piglet model of deep hypothermic circulatory arrest **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$149,998

Deo, Rahul PhD, MD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Transcriptional Heart Maps for Deciphering Mechanism in the Inherited Cardiomyopathies **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$148,326

Dimayuga, Paul BS, PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Cedars-Sinai Medical Center **City/State:** Los Angeles, CA **Project Title:** The Auto-immunome in Coronary Artery Disease **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Ding, Shinghua PhD, MS

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Missouri, Columbia **City/State:** Columbia, MO **Project Title:** Conversion of reactive astrocytes into neurons after ischemia by forced expression of NAMPT **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Durante, William PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Missouri, Columbia **City/State:** Columbia, MO **Project Title:** Glutamine-derived ammonia and endothelial dysfunction in diabetes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Feng, Yumei PhD, MD

Program Type: Innovative Research Grant **Funding Source:** Association Wide

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Institution: University of Nevada, Reno **City/State:** Reno, NV **Project Title:** Novel mechanism of brain prorenin and (pro)renin receptor in neural regulation of type 2 diabetes mellitus **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Finley, James BS,MS

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Southern California **City/State:** Los Angeles, CA **Project Title:** TESLA-Stroke: Transcutaneous Electrical Stimulation for Locomotor Ability after Stroke **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Fraidenraich, Diego PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** A novel In-vivo platform of pluripotent stem cell differentiation unveils epimorphic changes in adult hearts **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

gavins, felicity BSC, PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Louisiana State University Health Sciences Center Shreveport **City/State:** Shreveport, LA **Project Title:** A Novel Role For Neutrophils in Sickle Cell Disease: New Avenues To Target Cerebral Microvascular Dysfunction **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Ge, Woo-ping PhD, BS

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Investigation of the role of smooth-muscle cells in ischemia with magnetic force **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Gonzalez, Nestor MD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Cedars-Sinai Medical Center **City/State:** Los Angeles, CA **Project Title:** Fostering Angiogenesis as Therapy for Cerebral Ischemia in ICAS **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Gupta, Kshitiz BS, PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Yale University **City/State:** New Haven, CT **Project Title:** Understanding the secretory language of stem cells to create an informed cell-free method to treat myocardial infarction **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Harris, Samantha PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide

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Institution: University of Arizona, Tucson **City/State:** Tucson, AZ **Project Title:** The Spy-C method for in situ replacement of cMyBP-C in cardiac sarcomeres **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018
Total Years: 2 **Total Award Amount:** \$150,000

Hong, Tingting PhD,MD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Cedars-Sinai Medical Center **City/State:** Los Angeles, CA **Project Title:** Plasma BIN1 is a marker of cardiac electrical stability **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2
Total Award Amount: \$150,000

Huang, Yun PhD,MS

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Texas A&M University Health Science Center **City/State:** College Station, TX **Project Title:** Role of TET proteins during cardiac lineage specification **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2
Total Award Amount: \$150,000

Keeley, Ellen BS,MD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Fibrocytes and Myocardial Scarring after Acute Myocardial Infarction **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Kheradvar, Arash MD,PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of California, Irvine **City/State:** Irvine, CA **Project Title:** Ultrasound-Guided Delivery System for Accurate Positioning/Repositioning of Transcatheter Aortic Valves **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

King, Kevin MD PhD,PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Massachusetts General Hospital **City/State:** Boston, MA **Project Title:** Dissecting Cell-communication in Ischemic Cardiomyopathy using Single Cell Analysis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Lechleiter, James PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Texas Health Science Center at San Antonio **City/State:** San Antonio, TX **Project Title:** Novel thyroid hormone ζ -like neuroprotectants for stroke **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Liew, Sook-Lei PhD,MA

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Southern California **City/State:** Los Angeles, CA **Project Title:** REINVENT: A Closed-Loop VR Neurofeedback System for Motor Recovery after Severe Stroke **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$149,446

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Mikkola, Hanna MD PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Enhancer RNAs in cardiovascular lineage choice **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2
Total Award Amount: \$150,000

Mofrad, Mohammad PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of California, Berkeley **City/State:** Berkeley, CA **Project Title:** Quantified Heart Valve (QHV): A new intelligent class of passive, wireless medical devices **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Mungrue, Imran PhD, BSC

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Louisiana State University, New Orleans **City/State:** New Orleans, LA **Project Title:** A novel method for Rapid Simultaneous Proteome Quantitation in biological samples **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Neelamegham, Sriram PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Research Foundation of SUNY **City/State:** Amherst, NY **Project Title:** Targeting cellular therapeutics in a pre-clinical model of myocardial infarction **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Page, David MD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Whitehead Institute for Biomedical Research, Cambridge **City/State:** Cambridge, MA **Project Title:** A Global Characterization of Sex Differences in the Human Heart **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$149,980

Papavasiliou, Georgia PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Illinois Institute of Technology, Chicago **City/State:** Chicago, IL **Project Title:** Controlled Peptide Co-delivery from Hydrogel Nanoparticle Matrices for Therapeutic Neovascularization of Ischemic Tissue **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$149,993

Pinto, Alexander BS, PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: The Jackson Laboratory **City/State:** Bar Harbor, ME **Project Title:** Heart-Specific Modulation of Macrophages **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

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Pluznick, Jennifer BA,PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Gut Microbial Metabolites and Hypertension **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Prisby, Rhonda PhD,MA

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Delaware **City/State:** Newark, DE **Project Title:** Inflammatory Cytokines, Bone Marrow Blood Vessel Ossification and Ossified Emboli **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$149,897

Pu, William MD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Boston Children's Hospital **City/State:** Boston, MA **Project Title:** Forward genetic screen to discover regulators of mammalian cardiomyocyte maturation **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Ramamurthi, Anand PhD,MS

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** Minimally Invasive Regenerative Therapy for Small Abdominal Aortic Aneurysms **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Reiter, Jeremy MD PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Endothelial Primary Cilia Protect Against Atherosclerosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Rezvan, Amir MD,MS

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** The role of liver fibrosis in atherosclerosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Richter, Wito PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of South Alabama, Mobile **City/State:** Mobile, AL **Project Title:** Regulation of PDE4 in heart failure **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Rittenberger, Jon MD,MS

Program Type: Innovative Research Grant **Funding Source:** Association Wide

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Institution: University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Therapeutic exercise to improve 12-month quality of life after cardiac arrest **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Santoro, Nicola MD, PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Yale University **City/State:** New Haven, CT **Project Title:** Role of gut microbiota derived short chain fatty acids in pediatric obesity **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Siemionow, Maria PhD, MD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** Novel Tolerogenic CD34/MSD Di-Chimeric Cell Therapy in Vascularized Composite Allograft and Heart Transplant Models **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Singh, Madhu PhD, MSc

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** TRIF-Dependent Innate Immune Pathways in Ang II Hypertension **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Vexler, Zinaida PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Immune modulation by microglia-derived microvesicles in neonatal stroke **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

Voorra, Deepak MD

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Duke University Medical Center **City/State:** Durham, NC **Project Title:** Ex vivo metabolomic profiling of statin-induced myopathy **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$149,037

Wang, Da-Zhi PhD, BS

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: Boston Children's Hospital **City/State:** Boston, MA **Project Title:** A novel approach to define the functions of cardiac lncRNAs **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

Wang, Zhao PhD, MS

Program Type: Innovative Research Grant **Funding Source:** Association Wide
Institution: University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Pathological cardiac remodeling: Role of de novo pyrimidine synthesis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

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Zare, Richard PhD

Program Type: Innovative Research Grant **Funding Source:** Association Wide

Institution: Stanford University, Stanford **City/State:** Stanford, CA **Project Title:** Monitoring Nanoparticle-Mediated Angiogenesis Using Mass Spectrometry Imaging **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000