

American Heart Association Awardees in Alpha Order by State

Last Update: August 2018

[SOUTH CAROLINA](#) • [SOUTH DAKOTA](#) • [TENNESSEE](#) • [TEXAS](#) • [UTAH](#) • [VERMONT](#)
• [VIRGINIA](#) • [WASHINGTON](#) • [WEST VIRGINIA](#) • [WISCONSIN](#) • [WYOMING](#)

SOUTH CAROLINA

Adams, Robert BS, MS

Program Type: Strategically Focused Research Network **Institution:** Medical University of South Carolina
City: Charleston **Project Title:** Wide Spectrum Investigation of Stroke Outcome Disparities on Multiple Levels (WISSDOM) **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$800,800

SOUTH CAROLINA

Al-Sammarraie, Nadia MB ChB, MS

Program Type: Predoctoral Fellowship **Institution:** University of South Carolina, Columbia **City:** Columbia
Project Title: Role of TGFbeta2 in cardiac outflow tract formation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

SOUTH CAROLINA

Azhar, Mohamad PhD

Program Type: Grant-in-Aid **Institution:** University of South Carolina, Columbia **City:** Columbia **Project Title:** Role of TGFbeta ligands in development and progression of aneurysm **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

SOUTH CAROLINA

Bonilha, Leonardo MD PhD

Program Type: Strategically Focused Research Network **Institution:** Medical University of South Carolina
City: Charleston **Project Title:** Influence of Pre-Morbid Brain Health on Stroke Recovery **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$954,800

SOUTH CAROLINA

El-Shewy, Hesham PhD

Program Type: Grant-in-Aid **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** Sphingolipids and Calcium Mobilization **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

SOUTH CAROLINA

Finnell, Julie BS

Program Type: Predoctoral Fellowship **Institution:** University of South Carolina, Columbia **City:** Columbia
Project Title: Protein tyrosine phosphatases as critical mediators of stress susceptibility **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

SOUTH CAROLINA

Guo, Lilong MBBS, MS

Program Type: Predoctoral Fellowship **Institution:** Medical University of South Carolina **City:** Charleston
Project Title: Primary Cilia and Mitral Valve Prolapse **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

SOUTH CAROLINA

Herter, Troy PhD, BS

Program Type: Grant-in-Aid **Institution:** University of South Carolina, Columbia **City:** Columbia **Project Title:** Abnormal Visual Search And Motor Function In Stroke **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

SOUTH CAROLINA

Kern, Christine PhD

Program Type: Grant-in-Aid **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** Requirement of the ECM protease ADAMTS5 during development of the ascending aorta **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

SOUTH CAROLINA

Kung, Ethan BS, MS

Program Type: Scientist Development Grant **Institution:** Clemson University **City:** Clemson **Project Title:** Design of Fontan Cavopulmonary Assist Using A Novel Combined Experimental-Computational Technology **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

SOUTH CAROLINA

Lane-Cordova, Abbi PhD

Program Type: Career Development Award **Institution:** University of South Carolina, Columbia **City:** Columbia **Project Title:** Renin angiotensin adosterone system components and vascular function in women after an adverse pregnancy outcome **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

SOUTH CAROLINA

Lench, Daniel BS

Program Type: Predoctoral Fellowship **Institution:** Medical University of South Carolina **City:** Charleston
Project Title: Frontal-striatal connectivity and motor recovery following stroke **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

SOUTH CAROLINA

Lipschutz, Josh MD

Program Type: Collaborative Sciences Award **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** Genetic and Molecular Determinants of Bicuspid and Calcific Aortic Valve Disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$200,000

SOUTH CAROLINA

Magwood, Gayenell PhD

Program Type: Strategically Focused Research Network **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** Community-based Intervention under Nurse Guidance after Stroke (CINGS) **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$998,800

SOUTH CAROLINA

Norris, Russell PhD

Program Type: Collaborative Sciences Award **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** Genetic and Molecular Determinants of Bicuspid and Calcific Aortic Valve Disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$253,000

SOUTH CAROLINA

Patel, Kunal BS, BS

Program Type: Clinical Scientist Training Program **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** Targeted Ex vivo Nanotherapy for use in Cardiac Transplantation **Award Start Date:** 7/1/2017 **Award End Date:** 9/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

SOUTH CAROLINA

Richardson, Will BS, PhD

Program Type: Scientist Development Grant **Institution:** Clemson University **City:** Clemson **Project Title:** MECHANO-ADAPTIVE FIBROSIS SIGNALING FOR POST-INFARCT THERAPY **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

SOUTH CAROLINA

Simionescu, Agneta PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** Clemson University **City:** Clemson **Project Title:** Mitral Valve Tissue Engineering **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

SOUTH CAROLINA

Simionescu, Dan PhD

Program Type: Collaborative Sciences Award **Institution:** Clemson University **City:** Clemson **Project Title:**

Mechanistic Justification for Pentagalloyl Glucose Mediated AAA Suppression **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$19,500

SOUTH CAROLINA

Sleiman, Mohamad Mahdi BS

Program Type: Predoctoral Fellowship **Institution:** Medical University of South Carolina **City:** Charleston
Project Title: Strategies to Improve Early Injury and Promote Long Term Tolerance post Cardiac Transplants **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

SOUTH CAROLINA

Smuder, Ashley MS, PhD

Program Type: Grant-in-Aid **Institution:** University of South Carolina, Columbia **City:** Columbia **Project Title:** Regulation of autophagy in chemotherapy-induced heart failure. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

SOUTH CAROLINA

Spinale, Francis PhD, MD

Program Type: Medical Student Research Fellowship **Institution:** University of South Carolina, Columbia **City:** Columbia **Project Title:** Establishment of a Cardiovascular Research Experience Program for Medical Students at the University of South Carolina **Award Start Date:** 2/1/2017 **Award End Date:** 1/31/2020 **Total Years:** 3 **Total Award Amount:** \$60,000

SOUTH CAROLINA

Stewart, Jill BS, MPT

Program Type: Scientist Development Grant **Institution:** University of South Carolina, Columbia **City:** Columbia **Project Title:** Targeted engagement of the motor action selection network during arm rehabilitation after stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

SOUTH CAROLINA

Sugi, Yukiko PhD, DVM

Program Type: Transformational Project Award **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** Signaling interaction and regulation in AV valvuloseptal maturation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

SOUTH CAROLINA

Tao, Ge BS, PhD

Program Type: Scientist Development Grant **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** Thioredoxin 1 as a Pitx2 Interacting Protein during Cardiac Regeneration **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

SOUTH CAROLINA

Visconti, Richard PhD, MA

Program Type: Grant-in-Aid **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** A role for valve progenitor cells in post-infarction remodeling of the mammalian mitral valve **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

SOUTH CAROLINA

Wood, Susan PhD, BS

Program Type: Scientist Development Grant **Institution:** University of South Carolina, Columbia **City:** Columbia **Project Title:** Cytokines in monoaminergic nuclei regulating susceptibility to a depressive- and cardiovascular disease-like phenotype **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

SOUTH DAKOTA

Ghosh, Rajeshwary BSc, MS

Program Type: Postdoctoral Fellowship **Institution:** University of South Dakota **City:** Vermillion **Project Title:** Defining chaperone-mediated autophagy in the cardiomyocyte and its peptide-based drug applications **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

TENNESSEE

Alexander, Matthew BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Role of IL-21 in the pathogenesis of hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$118,628

TENNESSEE

Allen, Ryan BS, MS

Program Type: Innovative Project Award **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** A Novel Paradigm for LDL-Associated Extracellular Small RNA in the Pathogenesis of Atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

TENNESSEE

Beaumont, Eric BS, PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** East Tennessee State University, Johnson City **City:** Johnson City **Project Title:** Vagal nerve stimulation mitigates alteration of the intestinal environment to limit the progression of heart failure **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2020 **Total Years:** 2 **Total Award Amount:** \$154,000

TENNESSEE

Beavers, William BS, MS

Program Type: Postdoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:**

Interrogating methionine sulfoxide reductases in *S. aureus* pathogenesis **Award Start Date:** 7/1/2018
Award End Date: 7/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

TENNESSEE

Beckman, Joshua MD, MS

Program Type: Strategically Focused Research Network **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Microcirculatory Disease Determines Limb Outcomes in PAD **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2022 **Total Years:** 4 **Total Award Amount:** \$509,946

TENNESSEE

Beckman, Joshua MD, MS

Program Type: Strategically Focused Research Network **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** The Impact of Branched-Chain Amino Acids Metabolism on Limb Dysfunction in PAD **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2022 **Total Years:** 4 **Total Award Amount:** \$1,289,633

TENNESSEE

Brown, Nancy MD

Program Type: Strategically Focused Research Network **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Vascular effects of GLP-1 receptor activation **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2021 **Total Years:** 4 **Total Award Amount:** \$1,767,612

TENNESSEE

Burnette, Dylan PhD

Program Type: Scientist Development Grant **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Mechanisms of sarcomere assembly in healthy and diseased heart muscle cells **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

TENNESSEE

Chen, Hung-Hsin MS

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** The comprehensive genetic architecture for circulating lipid traits: from GWAS and , transcriptome to PheWAS **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TENNESSEE

Choi, Hyehun BS, MS

Program Type: Scientist Development Grant **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Regulation of Nox1-dependent TNF-alpha signaling by endocytosis and MAPKs in vascular smooth muscle cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

TENNESSEE

Cox, Nancy PhD

Program Type: Strategically Focused Research Network **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Genome and Phenome Studies on Obesity and CVD to Dissect GLP1R Mechanism **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2021 **Total Years:** 4 **Total Award Amount:** \$544,896

TENNESSEE

Crescenzi, Rachelle PhD, BS

Program Type: Career Development Award **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Visualizing Vascular Mechanisms of Salt Sensitivity **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

TENNESSEE

Cuentas Condori, Andrea BS

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Molecular and cellular determinants of bouton plasticity **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TENNESSEE

Dale, Bethany BA, MS

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** The Role of IL21 in Hypertension **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$51,900

TENNESSEE

Dale, James MD

Program Type: Strategically Focused Research Network **Institution:** University of Tennessee Health Science Center Memphis **City:** Memphis **Project Title:** Human Immunity to Potential Group A Streptococcal Vaccine Antigens in Subjects at High Risk for Rheumatic Heart Disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2021 **Total Years:** 4 **Total Award Amount:** \$1,003,927

TENNESSEE

Freiberg, Matthew BS, MD

Program Type: Strategically Focused Research Network **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Clinical and genetic determinants of peripheral artery disease, microvascular disease, and major adverse limb outcomes **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2022 **Total Years:** 4 **Total Award Amount:** \$1,012,785

TENNESSEE

Galindo, Cristi PhD

Program Type: Innovative Project Award **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Mechanisms and assessment of brain-derived neurotrophic factor (BDNF) as a

treatment for Duchenne cardiomyopathy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020
Total Years: 2 **Total Award Amount:** \$200,000

TENNESSEE

Gumina, Richard PhD, MD

Program Type: Grant-in-Aid **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Nucleotidases in atherothrombosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

TENNESSEE

Itani, Hana PhD

Program Type: Scientist Development Grant **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** The Role of Immunological Memory in Hypertension **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

TENNESSEE

Johnson, Camryn BS

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Targeting cadherin-11 decreases inflammation in atherosclerotic plaques **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TENNESSEE

Joseph Thoppil, Roslin PhD, BS

Program Type: Postdoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** A novel mechanism underlying microtubule organization and function in endothelial cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

TENNESSEE

Kuenze, Georg BS, MS

Program Type: Postdoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Computer Modeling of the Potassium Channel KCNQ1 to Study Protein Function and the Role of Mutations in Heart Arrhythmia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

TENNESSEE

Leo, Marie Dennis Marcus PhD

Program Type: Scientist Development Grant **Institution:** University of Tennessee Health Science Center Memphis **City:** Memphis **Project Title:** Regulation of arterial contractility by beta1 subunit trafficking **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

TENNESSEE

Major, Amy PhD, BS

Program Type: Mentor-AHA Mentee Award **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Award **Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$60,000

TENNESSEE

Mathew, Sijo PhD

Program Type: Scientist Development Grant **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Mechanisms whereby integrin beta1 regulate acute kidney injury and recovery **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

TENNESSEE

Mcatee, Caitlin PhD

Program Type: Postdoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** The role of exosomal endoglin on filopodia formation and angiogenesis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

TENNESSEE

Michaud, Gregory

Program Type: Strategically Focused Research Network **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Michaud Clinical Project: A first-in-AF trial of a reactive lipid metabolite scavenger **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2022 **Total Years:** 4 **Total Award Amount:** \$970,382

TENNESSEE

Mohammed, Bassem BSC, PhD

Program Type: Postdoctoral Fellowship **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** A Non-Circulating Pool of Coagulation Factor XI in the Cardiovascular System **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

TENNESSEE

Mosley, Jonathan BSC, MSc

Program Type: Fellow-to-Faculty Transition Award **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Delineating epidemiological and genetic factors associated with cardiac diastolic dysfunction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2021 **Total Years:** 5 **Total Award Amount:** \$593,000

TENNESSEE

Murray, Katherine MD

Program Type: Strategically Focused Research Network **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Murray Basic Project: Reactive lipid metabolites as mediators of AF susceptibility in clinical

and genetic risk models **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2022 **Total Years:** 4 **Total Award Amount:** \$1,212,724

TENNESSEE

Nam, Young-Jae MD, PhD

Program Type: Innovative Project Award **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Identifying the regulators for myofibroblast de-differentiation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

TENNESSEE

Narasimhan, Shwetha BS

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** CLASP-dependent regulation of vascular smooth muscle cell contractility **Award Start Date:** 7/1/2018 **Award End Date:** 12/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TENNESSEE

Niswender, Kevin MD PhD

Program Type: Strategically Focused Research Network **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Glucagon-like peptide-1 receptor and cardiometabolic health **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2021 **Total Years:** 4 **Total Award Amount:** \$815,892

TENNESSEE

Niswender, Kevin MD PhD

Program Type: Strategically Focused Research Network **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Toward Obesity Precision Medicine: Promise of the Glucagon-Like Peptide 1 Receptor **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2021 **Total Years:** 4 **Total Award Amount:** \$580,800

TENNESSEE

Peixoto-Neves, Dieniffer BS, MS

Program Type: Postdoctoral Fellowship **Institution:** University of Tennessee Health Science Center Memphis **City:** Memphis **Project Title:** Neonatal renal vasoregulation by voltage-gated potassium channels **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

TENNESSEE

Pence, Brandt PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** University of Memphis **City:** Memphis **Project Title:** Glycolytic Metabolism and Cellular Function in Monocytes from Older Adults **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2020 **Total Years:** 2 **Total Award Amount:** \$154,000

TENNESSEE

Perfitt, Tyler BA

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Interaction between neuronal CaMKII and Shank3 regulate anti-ischemic CREB signaling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

TENNESSEE

Perry, Nicole BS, BA

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Arrestin-3 interaction with the ASK1-MKK4/7-JNK3 cascade **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

TENNESSEE

Polichnowski, Aaron PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** East Tennessee State University, Johnson City **City:** Johnson City **Project Title:** The renal cholinergic system and the AKI-CKD nexus **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

TENNESSEE

Postema, Meagan BS

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Investigating the role of a BAR domain protein in brush border assembly. **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TENNESSEE

Roden, Dan MD

Program Type: Strategically Focused Research Network **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** A novel molecular target in atrial fibrillation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2022 **Total Years:** 4 **Total Award Amount:** \$580,800

TENNESSEE

Roden, Dan MD

Program Type: Strategically Focused Research Network **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Roden Population Project: Identifying AF subtypes driven by inflammation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2022 **Total Years:** 4 **Total Award Amount:** \$945,294

TENNESSEE

Ruggeri Barbaro, Natalia BCH, PhD

Program Type: Postdoctoral Fellowship **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** The role of dendritic cells in salt-sensitive hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

TENNESSEE

Sanders, Anna BS, MSc

Program Type: Postdoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Function and regulation of Golgi-derived microtubules in endothelial cells **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

TENNESSEE

Saraswati, Sarika PhD

Program Type: Scientist Development Grant **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Elucidating fibroblast heterogeneity as a pathway to target cardiac fibrosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

TENNESSEE

Shekar, Aparna BSE

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Understanding the role of the dopamine transporter in amphetamine- and methamphetamine-associated stroke **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TENNESSEE

Shelton, Elaine PhD

Program Type: Scientist Development Grant **Institution:** Vanderbilt University **City:** Nashville **Project Title:** The role of KATP channels in models of PDA and Cantu Syndrome **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

TENNESSEE

Shibao, Cyndya BS, MD

Program Type: Innovative Project Award **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Orthostatic Intolerance after Bariatric Surgery **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

TENNESSEE

Snider, Chloe BS

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Investigating molecular mechanisms underlying formation and anchoring of the cytokinetic ring **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$51,900

TENNESSEE

Snider, John BS

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Targeting 5-HT2B to improve cardiac function following myocardial infarction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TENNESSEE

Taneja, Nilay BS, MS

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Investigating the role of cellular adhesion in myofibril formation and maintenance **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TENNESSEE

Thiemicke, Alexander BS, MSc

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Physiologically relevant NaCl profiles dictate cellular phenotypes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TENNESSEE

Vasquez, Valeria BS, PhD

Program Type: Scientist Development Grant **Institution:** University of Tennessee Health Science Center Memphis **City:** Memphis **Project Title:** Understanding the Role of Piezo1 Channels in Vascular Physiology **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

TENNESSEE

Wasserman, David PhD

Program Type: Strategically Focused Research Network **Institution:** Vanderbilt University **City:** Nashville **Project Title:** The Link between Microcirculatory Dysfunction and Skeletal Muscle Insulin Resistance **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2022 **Total Years:** 4 **Total Award Amount:** \$896,836

TENNESSEE

Weiss, Andy PhD

Program Type: Postdoctoral Fellowship **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Characterization of the host-pathogen interface during staphylococcal abscess formation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

TENNESSEE

Wells, Quinn BS, PharmD

Program Type: Institute - Bayer Discovery Grant **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Genomics-based Drug Repurposing and Drug Target Discovery in Heart Failure with Preserved Ejection Fraction **Award Start Date:** 7/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$149,900

TENNESSEE

Wells, Quinn BS, PharmD

Program Type: Collaborative Sciences Award **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Identification of Genetic Variants Associated with Anthracycline-related

Cardiotoxicity **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$374,999

TENNESSEE

Xiao, Liang MD, PhD

Program Type: Scientist Development Grant **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Sympathetic regulation of memory T cells in repeated hypertension **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

TENNESSEE

Yarboro, Michael BS

Program Type: Predoctoral Fellowship **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Defining a Prostaglandin Mediated Developmental Program in the Ductus Arteriosus **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TENNESSEE

Zhao, Juan PhD

Program Type: Institute - AI and ML Training Grants **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Leveraging machine learning and deep learning with longitudinal EHR and genetic data to better predict 10-year stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$100,000

TEXAS

Ahmad, Zahid MD

Program Type: Innovative Research Grant **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Statin-associated muscle symptoms: in vitro and in vivo studies of mitochondrial function **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$150,000

TEXAS

Ahnstedt, Hilda MSc, PhD

Program Type: Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** The role of adipose CD8+ T cells in stroke outcome in middle aged mice **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$114,368

TEXAS

Alshbool, Fatima PharmD, PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** University of Texas, El Paso **City:** El Paso **Project Title:** Investigation of the Platelet 5HT2A and P2Y1 Receptors **Award Start Date:** 4/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Amirthalingam Thandavarayan, Rajarajan PhD, MPH

Program Type: Innovative Project Award **Institution:** Houston Methodist Research Institute **City:** Houston **Project Title:** Role of histone deacetylase in premature endothelial senescent cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

TEXAS

Antar, Alli PhD

Program Type: Career Development Award **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Dissecting the Role of ChREBP in Brown Adipose Tissue **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Avazmohammadi, Reza PhD

Program Type: Career Development Award **Institution:** The University of Texas at Austin **City:** Austin **Project Title:** The effect of systemic hypertension on prognosis of myocardial infarction: Understanding, prediction & therapy evaluation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Bagher, Pooneh PhD

Program Type: Career Development Award **Institution:** Texas A&M University Health Science Center **City:** College Station **Project Title:** Examination of hemoglobin alpha in the endothelium in diabetes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Baker, Aaron MS, BSE

Program Type: Innovative Research Grant **Institution:** The University of Texas at Austin **City:** Austin **Project Title:** Nanodisc Therapeutics for Peripheral ischemia in Diabetes **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$150,000

TEXAS

Baker, Mariah PhD

Program Type: Career Development Award **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Structural Basis for Phospho-Regulation of IP3R channel **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Balapattabi, Kirthikaa BSE, MSE

Program Type: Predoctoral Fellowship **Institution:** University of North Texas Health Science Center, Fort Worth **City:** Fort Worth **Project Title:** Role of Brain Derived Neurotrophic Factor in the Supraoptic Vasopressin Neurons in Development of Hyponatremia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Balasubramanian, Dakshnapriya BS, MS

Program Type: Predoctoral Fellowship **Institution:** Texas A&M University Health Science Center **City:** College Station **Project Title:** Role of Renal Lymphatics in Angiotensin II-Dependent Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

TEXAS

Berman, Jonathan BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Texas Health Science Center at San Antonio **City:** San Antonio **Project Title:** Regulation of Epithelial Sodium Channel by Casein Kinase II **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

TEXAS

Bhattacharyya, Samadrita MSc

Program Type: Predoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Exploring Gata4 function during atrioventricular node formation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Bopassa, Jean C. PhD, MA

Program Type: Scientist Development Grant **Institution:** University of Texas Health Science Center at San Antonio **City:** San Antonio **Project Title:** Novel Insights into Post-Ischemic Estrogen Cardioprotection Against I/R Injury **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Boychuk, Carie PhD, BS

Program Type: Scientist Development Grant **Institution:** University of Texas Health Science Center at San Antonio **City:** San Antonio **Project Title:** Neurosteroid Modulation Of Tonic GABAA Receptor Plasticity And Its Implications In Diabetes **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Cao, Jun BS, MSc

Program Type: Postdoctoral Fellowship **Institution:** The University of Texas Medical Branch **City:** Galveston **Project Title:** Mechanism of alternative splicing dysregulation in diabetic hearts **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

TEXAS

Carrillo Flores, Elisa BA, MSc

Program Type: Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Mechanism of allosteric communication in NMDA receptors **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

TEXAS

Chakraborty, Sanjukta PhD

Program Type: Scientist Development Grant **Institution:** Texas A&M University, College Station **City:** College Station **Project Title:** Role of microbiota dysbiosis on lymphatic dysfunction and progression of metabolic syndrome **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Chang, Audrey PhD, BS

Program Type: Scientist Development Grant **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Cell signaling mechanisms to cardiac myosin phosphorylation **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Chang, Jiang PhD, MD

Program Type: Innovative Project Award **Institution:** Texas A&M University Health Science Center **City:** College Station **Project Title:** Establishment of an endogenous cardiac exosome tracking system **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

TEXAS

Charoenphol, Phapanin PhD, MS

Program Type: Scientist Development Grant **Institution:** Texas Engineering Experiment Station **City:** College Station **Project Title:** Engineering a multistage delivery system for intravascular administration of contrast agents in cardiovascular diseases **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Chaudhari, Kiran MBBS, MD

Program Type: Postdoctoral Fellowship **Institution:** University of North Texas Health Science Center, Fort Worth **City:** Fort Worth **Project Title:** Metformin and vascular cognitive impairment **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

TEXAS

Chen, Jie BA

Program Type: Predoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Rapid palmitoylation of signaling proteins in response to beta-adrenergic stimulation in cardiomyocytes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Chen, Meifan BS, PhD

Program Type: Career Development Award **Institution:** University of Texas Southwestern Medical

Center **City:** Dallas **Project Title:** Tuning astrogliosis to promote neural plasticity after stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Chen, Miaohsueh PhD

Program Type: Transformational Project Award **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Investigating the cardiac origin of supraclavicular brown fat progenitors **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

TEXAS

Chou, Shih-Feng PhD, MS

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** University of Texas, Tyler **City:** Tyler **Project Title:** The use of membrane-tethered Kunitz-type inhibitors to provide thromboresistance for implantable devices **Award Start Date:** 4/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Chu, Haiyan PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Molecular Basis of Maternal Hypertension in the Antiphospholipid Syndrome **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

TEXAS

Cushen, Spencer BS

Program Type: Predoctoral Fellowship **Institution:** University of North Texas Health Science Center, Fort Worth **City:** Fort Worth **Project Title:** Trophoblast-induced maternal cardiovascular dysfunction in pregnancy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

De Vries, Paul BSC, MSc

Program Type: Career Development Award **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Genomic discoveries for understanding and predicting coronary heart disease incident and prognosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Dhande, Isha PhD

Program Type: Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** A genetic defect in macrophage calcium signaling predisposes to renal injury in hypertensive rats **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

TEXAS

Dubin, Ruth BA, MD

Program Type: Institute - Uncovering New Patterns Grant **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** The Impact of Renal Dysfunction on Biological Mechanisms of Cardiovascular Disease: An Integrative Omics Study **Award Start Date:** 4/2/2018 **Award End Date:** 3/31/2019 **Total Years:** 1 **Total Award Amount:** \$150,000

TEXAS

Dunn, Andrew PhD

Program Type: Established Investigator Award **Institution:** The University of Texas at Austin **City:** Austin **Project Title:** Chronic imaging of post-stroke vascular remodeling **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2018 **Total Years:** 5 **Total Award Amount:** \$400,000

TEXAS

Durgan, David BS, MS

Program Type: Scientist Development Grant **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** The role of the gut microbiome in obstructive sleep apnea induced hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Eissa, Tony MD

Program Type: Transformational Project Award **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Regulation of Inflammasome Activation by p38 MAPK **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

TEXAS

Fang, Longhou PhD

Program Type: Transformational Project Award **Institution:** Houston Methodist Research Institute **City:** Houston **Project Title:** AIBP-REGULATED HEMATOPOIESIS IN DEVELOPMENT AND CARDIOVASCULAR DISEASE **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

TEXAS

Finol, Ender PhD, MS

Program Type: Collaborative Sciences Award **Institution:** University of Texas at San Antonio **City:** San Antonio **Project Title:** Mechanistic Justification for Pentagalloyl Glucose Mediated AAA Suppression **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$712,500

TEXAS

Garge, Riddhiman BSE

Program Type: Predoctoral Fellowship **Institution:** The University of Texas at Austin **City:** Austin **Project Title:** Humanized yeast as a tool to understand allelic variation and epistatic regulation affecting

cholesterol biosynthesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Ge, Woo-Ping PhD, BS

Program Type: Innovative Research Grant **Institution:** University of Texas Southwestern Medical Center
City: Dallas **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

TEXAS

Ghebre, Yohannes PhD

Program Type: Grant-in-Aid **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** The PPAR α /miR-146a Axis Protects against Endothelial Dysfunction and Prevents Atherosclerosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Goldsmith, Elizabeth PhD

Program Type: Collaborative Sciences Award **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Reducing Stroke Severity through WNK3 Inhibition **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$375,000

TEXAS

Gomel, Madeleine BS

Program Type: Predoctoral Fellowship **Institution:** Rice University **City:** Houston **Project Title:** Limiting Bioprosthetic Valve Calcification using a Durable Hydrogel Layer for In Situ Endothelialization **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Grande Allen, Kathryn BA, PhD

Program Type: Undergraduate fellowship **Institution:** Rice University **City:** Houston **Project Title:** Summer Cardiovascular Research Internship Program (SCRIP) at Rice **Award Start Date:** 2/1/2017 **Award End Date:** 1/31/2020 **Total Years:** 3 **Total Award Amount:** \$60,000

TEXAS

Gu, Xiaowu BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Netrin-1 in nephro-vascular niche **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

TEXAS

Gupta, Sudhiranjan PhD

Program Type: Grant-in-Aid **Institution:** Texas A&M University System Health Science Center, Temple
City: Temple **Project Title:** Molecular characterization of a novel miRNA: miR-1954 in cardiac remodeling
Award Start Date: 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Han, Guichun PhD, MD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** Texas A&M University, College Station **City:** College Station **Project Title:** The crosstalk of estrogen receptors and dual G-protein coupling in coronary arterioles **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2020
Total Years: 2 **Total Award Amount:** \$154,000

TEXAS

Hayenga, Heather BS, PhD

Program Type: Scientist Development Grant **Institution:** University of Texas, Dallas **City:** Richardson
Project Title: Predicting Arterial Changes During Atherogenesis: An Agent Based Modeling Approach
Award Start Date: 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Heallen, Todd PhD

Program Type: Scientist Development Grant **Institution:** Texas Heart Institute **City:** Houston **Project Title:** Hippo Signaling and Mitophagy in Cardiomyocyte Renewal **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020
Total Years: 4 **Total Award Amount:** \$308,000

TEXAS

Hieda, Michinari MD, MS

Program Type: Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center
City: Dallas **Project Title:** Maximizing Functional Capacity of LVAD Patients: Pump-speed Optimization using Exercise to Avoid Left-Right Mismatch **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020
Total Years: 2 **Total Award Amount:** \$106,532

TEXAS

Horstman, Molly MD, BS

Program Type: Mentored Clinical & Population Research Program **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Optimizing Patient-Initiated Post-Discharge Care for Patients with Heart Failure **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2
Total Award Amount: \$154,000

TEXAS

Howe, Matthew BS

Program Type: Predoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** The Role of Perivascular Fibrosis in Post-Stroke Glymphatic

Impairment **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Howson, Daniel BS, BS

Program Type: Postdoctoral Fellowship **Institution:** The University of Texas at Austin **City:** Austin **Project Title:** Elucidating the Dynamics of Valve Interstitial Cells in Health and Disease: A Mathematical Modeling Approach **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

TEXAS

Jaykumar, Ankita Bachhawat BS, MSc

Program Type: Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** The role of WNK1/OSR1 in endothelial cell migration and angiogenesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

TEXAS

Karlstaedt, Anja MD, PhD

Program Type: Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** An unexpected oncometabolic axis exposes novel regulators of cardiac remodeling **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

TEXAS

Karmouty-Quintana, Harry BSC, PhD

Program Type: Innovative Project Award **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Ex-Vivo Lung Perfusion in Acute Lung Injury **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

TEXAS

Kayed, Rakez PhD

Program Type: Collaborative Sciences Award **Institution:** The University of Texas Medical Branch **City:** Galveston **Project Title:** Myocardial Tauopathy: a new pathogenesis and treatment for heart disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$264,000

TEXAS

Keshavarzian, Maziyar BS, MS

Program Type: Predoctoral Fellowship **Institution:** University of Texas, Dallas **City:** Richardson **Project Title:** An agent based model - finite element analysis approach toward modeling hypertension induced remodeling **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Keyel, Peter BS, PhD

Program Type: Scientist Development Grant **Institution:** Texas Tech University, Lubbock **City:** Lubbock
Project Title: Membrane Repair as a Resistance Mechanism to Septic Cardiomyopathy **Award Start Date:**
Date: 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Khasawneh, Fadi BSC, PhD

Program Type: Grant-in-Aid **Institution:** University of Texas, El Paso **City:** El Paso **Project Title:**
Investigating the Role of The Regulator of G-Protein Signaling 16 in Platelet Function **Award Start Date:**
7/1/2017 Award End Date: 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Kim, Jun-Dae BS, MS

Program Type: Career Development Award **Institution:** Houston Methodist Research Institute **City:**
Houston **Project Title:** ERK5/MAPK7 Function in Lymphatic Vessel Development **Award Start Date:**
7/1/2018 Award End Date: 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Ko, Junsuk BSC

Program Type: Predoctoral Fellowship **Institution:** The University of Texas Health Science Center at
Houston **City:** Houston **Project Title:** Downregulation of Cleavage Factor 25 by TGFbeta1 Contributes to
Pulmonary Fibrosis through Alternative Polyadenylation **Award Start Date:** 7/1/2018 **Award End Date:**
6/30/2020 Total Years: 2 **Total Award Amount:** \$53,688

TEXAS

Kober, Daniel BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center
City: Dallas **Project Title:** Structural and biophysical investigation of Scap-SREBP activation **Award Start**
Date: 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

TEXAS

Koutakis, Panagiotis PhD

Program Type: Scientist Development Grant **Institution:** Baylor University **City:** Waco **Project Title:** The
role of the calpain proteolytic system in regulating skeletal muscle degeneration in claudication **Award**
Start Date: 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Kwartler, Callie PhD

Program Type: Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at
Houston **City:** Houston **Project Title:** The role of YY1AP1 in the Pathogenesis of Fibromuscular Dysplasia
Award Start Date: 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$114,368

TEXAS

Lahiri, Satadru PhD, BS

Program Type: Postdoctoral Fellowship **Institution:** Baylor College of Medicine, Houston **City:** Houston
Project Title: ROLE OF A NOVEL CALPAIN-MEDIATED REGULATION OF JUNCTOPHILIN-2 (JPH2) IN HEART FAILURE **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

TEXAS

Lai, Yun-Ju BS, MS

Program Type: Predoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** PD-L1 mediated T cell infiltration across the blood-brain barrier in aging and stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Le, Victoria BS, MS

Program Type: Predoctoral Fellowship **Institution:** The University of Texas at Austin **City:** Austin **Project Title:** Syndecan-1 in Mechanosensing of Engineered Microenvironments **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Lee, Juhyun PhD, MS

Program Type: Career Development Award **Institution:** The University of Texas at Arlington **City:** Arlington **Project Title:** Investigating biomechanical effects of hemodynamics and myocardial contractility on the development of trabeculation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Lemaire, Scott MD

Program Type: Strategically Focused Research Network **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Molecular signature of sex chromosome genes associated with sex-dependent susceptibility to ascending aortic aneurysms **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2022 **Total Years:** 4 **Total Award Amount:** \$1,042,800

TEXAS

Li, Qingjie PhD

Program Type: Grant-in-Aid **Institution:** The University of Texas Medical Branch **City:** Galveston **Project Title:** Epigenetic regulation of myosin light chain by colitis in myocardium **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Liu, Chen PhD, BS

Program Type: Scientist Development Grant **Institution:** University of Texas Southwestern Medical

Center **City:** Dallas **Project Title:** PPARgamma in vagal neurons and the clinical effects of Thiazolidinediones **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Liu, Hua PhD

Program Type: Scientist Development Grant **Institution:** The University of Texas Medical Branch **City:** Galveston **Project Title:** cAMP/EPAC1 pathway in retinal neuronal damage after ischemic injury **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Liu, Shijie PhD

Program Type: Postdoctoral Fellowship **Institution:** Texas Heart Institute **City:** Houston **Project Title:** Wntless inhibits cardiac fibrosis by regulating Wnt secretion from cardiomyocytes during heart regeneration **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

TEXAS

Liu, Xin PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Functional and Molecular Analysis of Cardiac Enhancers In Situ by Repurposed CRISPR/Cas9 **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

TEXAS

Liu, Yu MD, PhD

Program Type: Innovative Project Award **Institution:** University of Houston, Houston **City:** Houston **Project Title:** Super-lncRNA/super-enhancer interaction is a novel mechanism in regulating cardiac cell fate **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

TEXAS

Li-Villarreal, Nanbing PhD

Program Type: Postdoctoral Fellowship **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Ascc2 as a novel regulator of cardiac specification and migration **Award Start Date:** 7/1/2018 **Award End Date:** 7/31/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

TEXAS

Lu, Christopher MD

Program Type: Transformational Project Award **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Mitochondrial Anti-Viral Signaling Protein (MAVS), Reactive Oxygen Species, & Progressive Chronic Kidney Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

TEXAS

Madungwe, Ngonidzashe BS

Program Type: Predoctoral Fellowship **Institution:** University of Texas Health Science Center at San Antonio **City:** San Antonio **Project Title:** Insights into Chronic Post-Ischemic G Protein-Coupled Estrogen Receptor 1-Induced Cardioprotection: Role of MST1/YAP **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Mcconnell, Bradley PhD, BS

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** University of Houston, Houston **City:** Houston **Project Title:** Gravin Signalosome Mediates Cardiac Signaling and Transcriptome Variation in Heart Failure **Award Start Date:** 4/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Meng, Shu PhD, MS

Program Type: Scientist Development Grant **Institution:** Houston Methodist Research Institute **City:** Houston **Project Title:** Transdifferentiation of fibroblasts to endothelial cells contributes to angiogenesis- Role of TLR3 signaling **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Meyer, Dylan BS

Program Type: Predoctoral Fellowship **Institution:** Texas Tech University Health Sciences Center, Lubbock **City:** Lubbock **Project Title:** Pathophysiological Mechanisms of Hyperaldosteronism-Inducing Na, K-ATPase Mutants **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Michaely, Peter PhD, BS

Program Type: Grant-in-Aid **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Differential endosomal sorting of LDLR by ARH and dab2 **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Mitchell, Brett PhD

Program Type: Undergraduate fellowship **Institution:** Texas A&M University Health Science Center **City:** College Station **Project Title:** Texas A&M Health Science Center Summer Research Program-AHA SURF Program **Award Start Date:** 2/1/2017 **Award End Date:** 1/31/2020 **Total Years:** 3 **Total Award Amount:** \$60,000

TEXAS

Mitchell, Brett PhD

Program Type: Transformational Project Award **Institution:** Texas A&M University Health Science Center
City: College Station **Project Title:** Renal Lymphatics in Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

TEXAS

Modis, Katalin PharmD, PhD

Program Type: Scientist Development Grant **Institution:** The University of Texas Medical Branch **City:** Galveston **Project Title:** Regulation of angiogenesis by the 3-mercaptopyruvate sulfurtransferase / hydrogen sulfide axis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$229,345

TEXAS

Molaei, Maral BS, MS

Program Type: Predoctoral Fellowship **Institution:** Texas AgriLife Research **City:** College State **Project Title:** NFkB and the control of cellular triglyceride homeostasis: from flies to mammals **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Monroe, Madeline BS

Program Type: Predoctoral Fellowship **Institution:** Rice University **City:** Houston **Project Title:** Investigating Effects of 3D Extracellular Environment on Aortic Valve Cell Calcification **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Munshi, Nikhil MD, PhD

Program Type: Innovative Research Grant **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Developing biomarkers for cardiac dysrhythmia **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$150,000

TEXAS

Nelson, Michael PhD, MSc

Program Type: Scientist Development Grant **Institution:** The University of Texas at Arlington **City:** Arlington **Project Title:** Functional myocardial ischemia as a mechanism of diastolic dysfunction in women with coronary microvascular dysfunction **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Otto, Marcia PhD, MS

Program Type: Scientist Development Grant **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Everything in moderation? Dietary diversity, diet quality and cardiovascular health **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$230,877

TEXAS

Pinard, Amelie PhD

Program Type: Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Identification and Characterization of Novel Genes for Moyamoya Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

TEXAS

Pochynyuk, Oleh PhD

Program Type: Grant-in-Aid **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Flow dependent TRPV4-mediated [Ca²⁺]_i signaling in PKD progression **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Prakash, Siddharth MD PhD

Program Type: Innovative Research Grant **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Etiology of Bicuspid Aortic Valve in Turner Syndrome: Impact of X Chromosome Dosage and Strain in a Hydrogel Model **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$150,000

TEXAS

Ramalingam, Latha BS, MS

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** Texas Tech University, Lubbock **City:** Lubbock **Project Title:** Early Life Programming by Omega-3 Fatty Acids in Obesity-Associated Inflammation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Rausch, Manuel PhD

Program Type: Career Development Award **Institution:** The University of Texas at Austin **City:** Austin **Project Title:** Toward Optimal Tricuspid Annuloplasty: Combining a Beating Human Heart Model, Tissue Characterization, and Simulation. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Reese, Tiffany PhD, BS

Program Type: Scientist Development Grant **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Inflammation, Gamma-Herpesvirus Reactivation and Lipid Homeostasis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Rego, Bruno BS, MSE

Program Type: Predoctoral Fellowship **Institution:** The University of Texas at Austin **City:** Austin **Project**

Title: Characterization of Patient-Specific Mitral Valve Remodeling to Improve Surgical Repair **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Riad, Sandra BSC, MSc

Program Type: Predoctoral Fellowship **Institution:** Baylor College of Medicine, Houston **City:** Houston
Project Title: The Hippo Pathway and the Cardiac Metabolic Dynamics after Injury **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Rickards, Caroline PhD

Program Type: Grant-in-Aid **Institution:** University of North Texas Health Science Center, Fort Worth
City: Fort Worth **Project Title:** A novel approach for improving cerebral tissue blood flow and oxygenation via pulsatile perfusion therapy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019
Total Years: 2 **Total Award Amount:** \$154,000

TEXAS

Rivera, Gonzalo PhD, DVM

Program Type: Grant-in-Aid **Institution:** Texas A&M University, College Station **City:** College Station
Project Title: Role of intimal stiffness in endothelial-mesenchymal transition and atherosclerosis progression **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Robinson, Prema PhD

Program Type: Grant-in-Aid **Institution:** University of Texas MD Anderson Cancer Center **City:** Houston
Project Title: Substance P antagonism for prevention of chemotherapy associated cardiotoxicity. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Rodan, Aylin BS, PhD

Program Type: Collaborative Sciences Award **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Reducing Stroke Severity through WNK3 Inhibition **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$375,000

TEXAS

Rohatgi, Anand BS, MD

Program Type: Institute - Uncovering New Patterns Grant **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Uncovering New Patterns of Advanced HDL Composition and Cardiovascular Events by Gender and Ethnicity **Award Start Date:** 4/2/2018 **Award End Date:** 3/31/2019
Total Years: 1 **Total Award Amount:** \$150,000

TEXAS

Romero-Ortega, Mario PhD

Program Type: Collaborative Sciences Award **Institution:** University of Texas, Dallas **City:** Richardson
Project Title: Miniature Wireless Neuromodulation for the Treatment of Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$561,165

TEXAS

Rutkowski, Joseph BS, MS

Program Type: Grant-in-Aid **Institution:** Texas A&M University Health Science Center **City:** College Station
Project Title: Adipose tissue lymphatic vessel functions in obesity **Award Start Date:** 7/1/2017
Award End Date: 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Sadek, Hesham PhD, MD

Program Type: Established Investigator Award **Institution:** University of Texas Southwestern Medical Center
City: Dallas **Project Title:** Transcriptional Regulation of Cardiomyocyte Cell Cycle **Award Start Date:** 1/1/2016
Award End Date: 12/31/2020 **Total Years:** 5 **Total Award Amount:** \$400,000

TEXAS

Samuel, T. Jake BS, MS

Program Type: Predoctoral Fellowship **Institution:** The University of Texas at Arlington **City:** Arlington
Project Title: Ischemia-mediated diastolic dysfunction in women with coronary microvascular dysfunction
Award Start Date: 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Schiattarella, Gabriele MD

Program Type: Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center
City: Dallas **Project Title:** A Novel XBP1s-FoxO1 Axis in Toxic Lipid Accumulation in Heart Failure with Preserved Ejection Fraction
Award Start Date: 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2
Total Award Amount: \$125,120

TEXAS

Scott, Larry BS

Program Type: Predoctoral Fellowship **Institution:** Baylor College of Medicine, Houston **City:** Houston
Project Title: INVESTIGATING THE ROLE OF OBESITY-INDUCED NLRP3 INFLAMMSOME ACTIVATION IN AF DEVELOPMENT
Award Start Date: 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Selvaraj, Uma Maheswari MS

Program Type: Predoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center

City: Dallas **Project Title:** Stroke induces protective neuronal autoreactive responses **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Sharma, Gaurav PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center
City: Dallas **Project Title:** Assessing Hibernating Myocardium with Hyperpolarized ¹³C MRI **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

TEXAS

Singh, Ravi PhD

Program Type: Scientist Development Grant **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** The role of Rbfox2-regulated splicing of Mef2d and Taf12 in postnatal heart function **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Smith, Scott PhD

Program Type: Collaborative Sciences Award **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Miniature Wireless Neuromodulation for the Treatment of Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$63,166

TEXAS

Stockand, James BS, PhD

Program Type: Grant-in-Aid **Institution:** University of Texas Health Science Center at San Antonio **City:** San Antonio **Project Title:** Purinergic regulation of ENaC **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Syeda, Ruhma DPhil

Program Type: Scientist Development Grant **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Functional characterization of mechanically activated channels **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Thankamani Pandit, Peeyush PhD

Program Type: Career Development Award **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Epigenetic modulation of Wnt target genes in endothelial cells as treatment for cerebrovascular disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Tong, Qiang PhD, MS

Program Type: Transformational Project Award **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Metabolic Regulation by Transcription Factor PU.1 **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

TEXAS

Trache, Andreea PhD

Program Type: Transformational Project Award **Institution:** Texas A&M University, College Station **City:** College Station **Project Title:** Cytoskeleton remodeling regulates contractile function and mechanosensing in vascular smooth muscle **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

TEXAS

Tucker, Wesley BS, MS

Program Type: Postdoctoral Fellowship **Institution:** The University of Texas at Arlington **City:** Arlington **Project Title:** Skeletal Muscle Metaboreflex as a Mechanism of Exercise Intolerance in Heart Failure with Preserved Ejection Fraction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

TEXAS

Van Der Heijden, Meike BS

Program Type: Predoctoral Fellowship **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Characterizing pontine respiratory neurons throughout the maturation of breathing control **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Venna, Venugopal Reddy PhD

Program Type: Scientist Development Grant **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Role of MIF in depression and post-stroke recovery **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Vijayan, Vinod PhD

Program Type: Grant-in-Aid **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** PP2B modulates RhoA activation and platelet function by targeting RhoGDI **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Vik, Steven BS, PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** Southern Methodist University **City:** Dallas **Project Title:** Impact of Clinical Mutations on Assembly of the NADH-module of

Complex I **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Vongpatanasin, Wanpen MD

Program Type: Collaborative Sciences Award **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Miniature Wireless Neuromodulation for the Treatment of Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$63,166

TEXAS

Wang, Hui BS

Program Type: Predoctoral Fellowship **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Skeletal muscle secreted myonectin prevents frailty and maintains systemic lipid homeostasis. **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Wang, Jun MD, PhD

Program Type: Transformational Project Award **Institution:** Texas Heart Institute **City:** Houston **Project Title:** Role of SUMO-2/3 in cardiac remodeling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

TEXAS

Wang, Lei PhD, BS

Program Type: Postdoctoral Fellowship **Institution:** University of North Texas Health Science Center, Fort Worth **City:** Fort Worth **Project Title:** Roles of the CRH-containing projections from the PVN to the NTS in the sleep apnea induced hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

TEXAS

Wang, Ping PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Structural and mechanistic studies of m6A methylation on miRNA by Mettl3/Mettl14 complex **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

TEXAS

Wang, Qiaochu PhD

Program Type: Postdoctoral Fellowship **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Molecular mechanism of TRPC4 regulation in endothelium permeability **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$103,328

TEXAS

Wang, Zhao PhD, MS

Program Type: Innovative Research Grant **Institution:** University of Texas Southwestern Medical Center
City: Dallas **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

TEXAS

Xu, Hua PhD

Program Type: Institute - Data Grant **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Developing a data discovery index to facilitate precision medicine research in cardiovascular diseases **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2019 **Total Years:** 2 **Total Award Amount:** \$200,000

TEXAS

Xu, Yong PhD, MSc

Program Type: Grant-in-Aid **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Estrogen receptor-alpha neurons in the medial amygdala and blood pressure **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Yang, Xiaojie PhD

Program Type: Postdoctoral Fellowship **Institution:** Houston Methodist Research Institute **City:** Houston **Project Title:** Essential role of Caveolin-1 in lymphangiogenesis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

TEXAS

Yu, Bing MB, MS

Program Type: Scientist Development Grant **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** The Application of Genomics and Metabolomics on Coronary Heart Disease Risk Prediction **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Zhang, Hongxia MS, BS

Program Type: Predoctoral Fellowship **Institution:** University of North Texas Health Science Center, Fort Worth **City:** Fort Worth **Project Title:** The effect of young and aged serum exosomes on ischemic stroke outcome **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Zheng, Lei PhD

Program Type: Transformational Project Award **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Elucidating structural basis of sodium/calcium exchanger

NCX essential for cardiac contractability **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

TEXAS

Zhu, Shaotong PhD, BS

Program Type: Postdoctoral Fellowship **Institution:** University of Texas Southwestern Medical Center
City: Dallas **Project Title:** Structural Mechanisms of Fast Inhibitory Neurotransmission **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

TEXAS

Zoldan, Janet PhD

Program Type: Scientist Development Grant **Institution:** The University of Texas at Austin **City:** Austin
Project Title: Ischemia Therapy via Temporally Controlled Differentiation of Induced Pluripotent Stem Cells into Vascular Networks **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4
Total Award Amount: \$308,000

UTAH

Bunsawat, Kanokwan BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Autonomic and Vascular Dysfunction in Heart Failure with Preserved Ejection Fraction **Award Start Date:** 7/1/2018 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

UTAH

De Havenon, Adam MD

Program Type: Scientist Development Grant **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Treatment Targets for Inflamed Intracranial Atherosclerosis on Vessel Wall MRI **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

UTAH

Drakos, Stavros MD, PhD

Program Type: Strategically Focused Research Network **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Predictors of myocardial recovery in chronic heart failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$1,042,800

UTAH

Drakos, Stavros MD, PhD

Program Type: Undergraduate fellowship **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Undergraduate Research in Cardiovascular Diseases **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2021 **Total Years:** 3 **Total Award Amount:** \$60,000

UTAH

Fagerlin, Angela PhD, MA

Program Type: Strategically Focused Research Network **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Improving Patient and Family Health Using Family-Centered Outcomes and Shared Decision-Making **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2021 **Total Years:** 4 **Total Award Amount:** \$1,020,800

UTAH

Fagerlin, Angela PhD, MA

Program Type: Strategically Focused Research Network **Institution:** University of Utah **City:** Salt Lake City **Project Title:** STudying Effectiveness in Patient-centered care **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2022 **Total Years:** 4 **Total Award Amount:** \$1,044,745

UTAH

Huang, Chao BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Towards Detection of Atrial Fibrosis with Catheterized Fiber-optics Confocal Microscopy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

UTAH

Knight, Stacey PhD

Program Type: Institute - Methods Validation Grant **Institution:** Intermountain Medical Center **City:** Murray **Project Title:** Pedigree Identification and Genetic Analysis Pipeline for Precision Cardiovascular Medicine: The PeGAsis Pipeline **Award Start Date:** 10/1/2017 **Award End Date:** 9/30/2019 **Total Years:** 2 **Total Award Amount:** \$198,906

UTAH

Manne, Bhanu BS, MS

Program Type: Postdoctoral Fellowship **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Mnk1 regulates megakaryocyte and platelet function **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

UTAH

Mcnally, Joseph MD PhD

Program Type: Scientist Development Grant **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Amyloid deposition and preexisting vulnerable carotid plaque features predicting cognitive improvement after surgery **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$226,740

UTAH

Ozanne, Elissa PhD

Program Type: Strategically Focused Research Network **Institution:** University of Utah **City:** Salt Lake City **Project Title:** RED-AF: Randomized Evaluation of Decision Support Interventions for Atrial Fibrillation **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2022 **Total Years:** 4 **Total Award Amount:** \$3,578,569

UTAH

Panic, Vanja BS

Program Type: Predoctoral Fellowship **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Determining the mechanisms of insulin independent glucose uptake **Award Start Date:** 7/1/2017 **Award End Date:** 12/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

UTAH

Park, Seul Ki PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Repressed autophagy impairs nitric oxide generation by human endothelial cells **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$103,328

UTAH

Schuler, Max-Hinderk BS, MS

Program Type: Predoctoral Fellowship **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Regulation of Mitochondrial Metabolism by the Mitochondrial Derived Compartment Pathway **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

UTAH

Selzman, Craig BA, MD

Program Type: Strategically Focused Research Network **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Functional, metabolic, and patient-centered determinants of recovery in heart failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$580,800

UTAH

Serrano, Maria PhD, MSc

Program Type: Postdoctoral Fellowship **Institution:** University of Utah **City:** Salt Lake City **Project Title:** The roles of Kmt2d in vasculogenesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

UTAH

Silver, Robert MD

Program Type: Strategically Focused Research Network **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Maternal-fetal environment, epigenetics and complex congenital heart disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2021 **Total Years:** 4 **Total Award Amount:** \$1,086,800

UTAH

Simcox, Judith PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Cardiac energetics and the fate of acylcarnitines **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

UTAH

Soboleva, Tatiana BS

Program Type: Predoctoral Fellowship **Institution:** Utah State University **City:** Logan **Project Title:** Carbon Monoxide and Cardioprotection, New Flavonol-based Molecular Tools **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

UTAH

Stehlik, Josef MD, MPH

Program Type: Strategically Focused Research Network **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Patient-reported outcomes as an indicator of disease transitions in heart failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$1,042,800

UTAH

Summers, Scott PhD

Program Type: Grant-in-Aid **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Role of Portal Ceramides in Hepatic Steatosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

UTAH

Szulik, Marta PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Smyd1's role in regulating disease-induced remodeling and gene expression in the cardiomyocyte. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

UTAH

Tristani-Firouzi, Martin MD

Program Type: Strategically Focused Research Network **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Leveraging Big Data Science to Link Genomics, Epigenetics and the Family to Improve the Health of Children with CHD **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2021 **Total Years:** 4 **Total Award Amount:** \$580,800

UTAH

Verkerke, Anthony BS

Program Type: Predoctoral Fellowship **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Muscle phospholipid methylation modulates SERCA energy efficiency to alter susceptibility for obesity **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

UTAH

Yandell, Mark BA, PhD

Program Type: Strategically Focused Research Network **Institution:** University of Utah **City:** Salt Lake City **Project Title:** An integrated data-science, transcriptomics, and genomics approach to understanding

Complex CHD **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2021 **Total Years:** 4 **Total Award Amount:** \$1,020,800

UTAH

Zeng, Gengsheng PhD

Program Type: Institute - AI and ML **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Sub-second image reconstruction for real-time cardiac MRI via machine-learning with complex weights
Award Start Date: 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

UTAH

Zurita Rendon, Olga BSC, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Mitochondrial carbohydrate metabolism and the etiology of diabetic cardiomyopathy. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

VERMONT

Ali, M. Yusuf PhD

Program Type: Grant-in-Aid **Institution:** University of Vermont, Burlington **City:** Burlington **Project Title:** Single-molecule approaches to how force and motion of myosin V is regulated by adapter proteins that link motor to cargo **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

VERMONT

Harraz, Osama PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Vermont, Burlington **City:** Burlington **Project Title:** PIP2 is a master controller of capillary-to-arteriole signaling **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

VERMONT

Longden, Thomas BSC, PhD

Program Type: Scientist Development Grant **Institution:** University of Vermont, Burlington **City:** Burlington **Project Title:** Vascular signaling plasticity in the brain **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

VERMONT

Wellman, George PhD

Program Type: Grant-in-Aid **Institution:** University of Vermont, Burlington **City:** Burlington **Project Title:** Regulation of blood flow by TRPV1 channels in arterial smooth muscle **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

VIRGINIA

Ahern, Katelyn BS

Program Type: Predoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Oxidized neutral lipid lipolysis as a novel regulator of insulin signaling during acute stress **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

VIRGINIA

Aherrahrou, Redouane PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** A novel mechanism by which the CAD risk gene MIA3 regulates phenotypic transition of vascular smooth muscle cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

VIRGINIA

Anderson, Warren PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Investigating the role of KLF14 in gene expression regulation and adipocyte metabolism **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

VIRGINIA

Belmadani, Souad PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** Eastern Virginia Medical School, Norfolk **City:** Norfolk **Project Title:** Interleukin-12 and heart failure **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2020 **Total Years:** 2 **Total Award Amount:** \$154,000

VIRGINIA

Bilchick, Kenneth MD, MSc

Program Type: Grant-in-Aid **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Cardiac MRI for Optimal Heart Failure Outcomes with CRT Upgrades **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

VIRGINIA

Bilchick, Kenneth MD, MSc

Program Type: Transformational Project Award **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Personalized Approach to Cardiac Resynchronization Therapy Using High Dimensional Immunophenotyping **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

VIRGINIA

Calhoun, Patrick BS

Program Type: Predoctoral Fellowship **Institution:** Virginia Polytechnic Institute **City:** Blacksburg **Project Title:** Adenovirus targets cardiac gap junctions to facilitate viral replication **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

VIRGINIA

Caswell, Clayton PhD

Program Type: Scientist Development Grant **Institution:** Virginia Polytechnic Institute **City:** Blacksburg
Project Title: Characterizing virulence-associated small RNAs of Brucella abortus **Award Start Date:**
1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

VIRGINIA

Chen, Hong-Ru PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:**
Charlottesville **Project Title:** Creatine/phosphocreatine for neuroprotection in cerebral ischemia **Award**
Start Date: 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

VIRGINIA

Cheng, Zhiyong PhD

Program Type: Transformational Project Award **Institution:** Virginia Polytechnic Institute **City:**
Blacksburg **Project Title:** Examining FoxO1 as a novel target for browning of white adipose tissue **Award**
Start Date: 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$299,749

VIRGINIA

Cherepanova, Olga PhD

Program Type: Innovative Research Grant **Institution:** University of Virginia, Charlottesville **City:**
Charlottesville **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

VIRGINIA

Conway, Daniel PhD, BS

Program Type: Scientist Development Grant **Institution:** Virginia Commonwealth University, Richmond
City: Richmond **Project Title:** Role of VE-cadherin and PECAM-1 tension in endothelial cell barrier
function, mechanotransduction, and wound repair **Award Start Date:** 1/1/2016 **Award End Date:**
12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

VIRGINIA

Costa, Blaise BS, MS

Program Type: Scientist Development Grant **Institution:** Virginia College of Osteopathic Medicine **City:**
Blacksburg **Project Title:** Development and Pharmacological Characterization of Mechanistically Distinct
NMDA Receptor Allosteric Modulators **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total**
Years: 4 **Total Award Amount:** \$308,000

VIRGINIA

Devarakonda, Siva Teja BS

Program Type: Predoctoral Fellowship **Institution:** Virginia Commonwealth University, Richmond **City:**

Richmond **Project Title:** Relaxin signaling in post myocardial infarction associated adverse remodeling
Award Start Date: 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

VIRGINIA

Dobrian, Anca PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** Eastern Virginia Medical School, Norfolk **City:** Norfolk **Project Title:** Investigating adipose tissue microvesicles as a link between obesity and vascular dysfunction **Award Start Date:** 4/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$154,000

VIRGINIA

Galkina, Elena PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** Eastern Virginia Medical School, Norfolk **City:** Norfolk **Project Title:** Modified LDL uptake, B cell receptor signaling, and atherosclerosis **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2020 **Total Years:** 2 **Total Award Amount:** \$154,000

VIRGINIA

Ganta, Vijay PhD

Program Type: Scientist Development Grant **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Modulation of Anti-angiogenic VEGFxxxb Reveals Novel VEGF Signaling in Peripheral Arterial Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

VIRGINIA

Gorick, Catherine BS

Program Type: Predoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Ultrasound-targeted miR-199a inhibition to promote therapeutic revascularization **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

VIRGINIA

Guessoum, Omar BSC

Program Type: Predoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Plasticity of Renin Cells in the Kidney Vasculature **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

VIRGINIA

Holmes, Jeffrey MD PhD

Program Type: Paul G. Allen Distinguished Investigator Award **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Information Storage and Retrieval in the Cardiac Extracellular Matrix **Award Start Date:** 10/1/2017 **Award End Date:** 9/30/2020 **Total Years:** 3 **Total Award Amount:** \$1,500,000

VIRGINIA

Hong, Kwangseok PhD, MS

Program Type: Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Obesity-induced impairment of endothelial TRPV4 channel function **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

VIRGINIA

Hu, Song PhD

Program Type: Scientist Development Grant **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Photoacoustic Microscopy of Cerebral Oxygen Metabolism in Mouse Model of Ischemic Stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

VIRGINIA

La Salvia, Sabrina PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Subtypes of Leukocyte derived Extracellular Vesicles in Hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$103,328

VIRGINIA

Liu, Qinglian PhD

Program Type: Grant-in-Aid **Institution:** Virginia Commonwealth University, Richmond **City:** Richmond **Project Title:** Characterizing the unique substrate binding activity of HSP110S, key molecular chaperones in cardiovascular protection **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

VIRGINIA

Marziano, Corina BS

Program Type: Predoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Novel purinergic receptor-TRPV4 signaling in small pulmonary arteries. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

VIRGINIA

Mauro, Adolfo MS

Program Type: Predoctoral Fellowship **Institution:** Virginia Commonwealth University, Richmond **City:** Richmond **Project Title:** Time dependent role of IL-1alpha and IL-1beta isoforms in acute myocardial infarction. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

VIRGINIA

Mcnamara, Coleen MD

Program Type: Innovative Project Award **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Precision Immune Phenotyping for Personalized Therapy for Cardiovascular

Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

VIRGINIA

Neuber, Johanna BS, MS

Program Type: Predoctoral Fellowship **Institution:** Old Dominion University **City:** Norfolk **Project Title:** Mechanism of nanosecond stimulation and defibrillation of cardiac tissue **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

VIRGINIA

Owsiany, Katherine BA

Program Type: Clinical Health Profession Student Training Program **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Smooth muscle cell MCP1 signaling enhances atherogenesis and lesion instability **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

VIRGINIA

Przanowska, Roza MSc

Program Type: Predoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Structure-function studies of lncRNAs involved in myogenesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

VIRGINIA

Quader, Mohammed MD

Program Type: Scientist Development Grant **Institution:** Virginia Commonwealth University, Richmond **City:** Richmond **Project Title:** Targeting the Inflammasome to Reduce Warm Ischemic Injury in Donation after Cardiac Death **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

VIRGINIA

Sano, Soichi MD

Program Type: Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Clonal hematopoiesis and cardiac dysfunction **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$125,120

VIRGINIA

Shah, Palak BS, MD

Program Type: Scientist Development Grant **Institution:** Inova Fairfax Hospital **City:** Falls Church **Project Title:** MicroRNA Biomarkers of Allograft Rejection in Cardiac Transplantation **Award Start Date:** 7/1/2017 **Award End Date:** 9/30/2020 **Total Years:** 3 **Total Award Amount:** \$229,416

VIRGINIA

Sharma, Ashish MBBS, PhD

Program Type: Grant-in-Aid **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Protective role of stem cell-derived microvesicles and microRNAs in aortic aneurysms **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

VIRGINIA

Srikakulapu, Prasad PhD

Program Type: Career Development Award **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Chemokine Receptor-6 Regulates B-1 Cell Homing to Perivascular Adipose Tissue, IgM Production and Atheroprotection **Award Start Date:** 7/1/2018 **Award End Date:** 8/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

VIRGINIA

Tan, Alex MD

Program Type: Scientist Development Grant **Institution:** VA Medical Center, McGuire Research Institute **City:** Richmond **Project Title:** Autonomic Mechanisms of Premature Ventricular Contraction-induced Cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$229,996

VIRGINIA

Waters, Christopher BS

Program Type: Predoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Co-Registration of 3D Multi-Parameter CMR and Regional iNOS Expression in the Post-MI Mouse Heart **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

VIRGINIA

White, Howard PhD, BS

Program Type: Grant-in-Aid **Institution:** Eastern Virginia Medical School, Norfolk **City:** Norfolk **Project Title:** Structure of Prepowerstroke Cardiac Actomyosin by Time-Resolved Cryo Electron Microscopy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

VIRGINIA

Witzenburg, Colleen PhD, MS

Program Type: Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Predicting and Modifying Left Ventricle Dilation Following Myocardial Infarction **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

VIRGINIA

Zuriaga Herrero, Maria PhD, BSC

Program Type: Postdoctoral Fellowship **Institution:** University of Virginia, Charlottesville **City:**

Charlottesville **Project Title:** Role of PCP signaling in adipose tissue architecture and fibrosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

WASHINGTON

Bernabeu, Maria PhD

Program Type: Postdoctoral Fellowship **Institution:** Seattle Biomedical Research Institute **City:** Seattle
Project Title: Understanding vascular dysfunction in severe malaria with a 3D engineered microvessel model **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

WASHINGTON

Cabernard, Clemens PhD

Program Type: Innovative Project Award **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: Molecular and biophysical changes associated with stem cell aging **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$199,987

WASHINGTON

Dong, Wenji MS, PhD

Program Type: Innovative Project Award **Institution:** Washington State University, Pullman **City:** Pullman
Project Title: Targeted in situ/in vivo Reconstitution of Myosin Binding Protein C (MyBP-C) in the C-Zone of Cardiac Sarcomeres **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

WASHINGTON

Dong, Wenji MS, PhD

Program Type: Grant-in-Aid **Institution:** Washington State University, Pullman **City:** Pullman **Project Title:** Mechanistic roles of troponin, titin and MyBPC in sarcomere length-dependent function of cardiac myofibril **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

WASHINGTON

Dorfman, Mauricio PhD

Program Type: Scientist Development Grant **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: Sex-specific microglial signaling in the pathogenesis of obesity and diabetes **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

WASHINGTON

Dougherty, Cynthia PhD, ARNP

Program Type: Mentor-AHA Mentee Award **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$45,000

WASHINGTON

Dreifus, Julia BS

Program Type: Predoctoral Fellowship **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: Defining the Staphylococcus biofilm matrix proteome **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

WASHINGTON

Flynn, Joseph MD, MS

Program Type: Strategically Focused Research Network **Institution:** Seattle Children's Hospital **City:** Seattle
Project Title: Hemodynamic and Metabolic Predictors of Target Organ Damage in Youth with Primary Hypertension **Award Start Date:** 4/1/2015 **Award End Date:** 3/31/2019 **Total Years:** 4 **Total Award Amount:** \$722,725

WASHINGTON

Hemann, Emily PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: Regulation of dendritic cell function and protective respiratory immunity by interferon-lambda **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

WASHINGTON

Isabella, Adam PhD

Program Type: Postdoctoral Fellowship **Institution:** Fred Hutchinson Cancer Research Center, Seattle **City:** Seattle
Project Title: Temporal mechanisms of vagus motor neuron topographic map development **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

WASHINGTON

Jacobs, Holly BA

Program Type: Predoctoral Fellowship **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: Identifying and characterizing extracellular matrix-associated proteins in Pseudomonas aeruginosa **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

WASHINGTON

Kenagy, Richard PhD

Program Type: Grant-in-Aid **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** Human Venous Progenitor Cells in Vein Graft Failure **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

WASHINGTON

Lamprea-Montealegre, Julio MD, MPH

Program Type: Postdoctoral Fellowship **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: The dyslipidemia of ESRD: role of triglyceride rich-lipoproteins and association with

cardiovascular events. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$122,960

WASHINGTON

Leary, Peter MD, BA

Program Type: Scientist Development Grant **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: Histaminic Signaling in Pulmonary Arterial Hypertension **Award Start Date:** 7/1/2017
Award End Date: 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

WASHINGTON

Lee, Chi Fung BSc, MSc

Program Type: Scientist Development Grant **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: The roles of protein acetylation in SR calcium homeostasis and diastolic function **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

WASHINGTON

Levitt, Michael BA, MD

Program Type: Career Development Award **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: Improving computational modeling of cerebral aneurysm flow-diverting stent treatment through platelet simulations **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3
Total Award Amount: \$231,000

WASHINGTON

Ly, Thu AS, BS

Program Type: Predoctoral Fellowship **Institution:** Washington State University, Pullman **City:** Pullman
Project Title: Effects of Cardiomyopathy-Linked Tropomyosin Mutations on Regulation of Thin Filament Dynamics **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

WASHINGTON

Marsillach, Judit BS, PhD

Program Type: Scientist Development Grant **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: Characterization of PON1 as an early biomarker of CVD susceptibility **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

WASHINGTON

Nicosia, Roberto MD, PhD

Program Type: Grant-in-Aid **Institution:** Seattle Institute for Biomedical and Clinical Research **City:** Seattle
Project Title: Effect of Moderate Hyperoxia on Neovessel Stability in Human Atherosclerosis-induced Angiogenesis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

WASHINGTON

Shao, Dan PhD

Program Type: Career Development Award **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: beneficial effect of increasing FAO on HFD induced cardiomyopathy **Award Start Date:**
7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

WASHINGTON

Soysa, Dilini Radika BS, MS

Program Type: Predoctoral Fellowship **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: Roles of cardiac and hepatic macrophage subsets in immune tolerance **Award Start Date:**
1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

WASHINGTON

Stamatikos, Alexis BS, MS

Program Type: Postdoctoral Fellowship **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: Targeting endothelial miR-33a-5p: a novel gene therapy for atherosclerosis **Award Start**
Date: 7/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

WASHINGTON

Sun, Jie MD

Program Type: Mentored Clinical & Population Research Program **Institution:** University of Washington,
Seattle **City:** Seattle **Project Title:** Quantitative vessel wall T1 mapping for noninvasive characterization
of carotid intraplaque hemorrhage **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total**
Years: 2 **Total Award Amount:** \$154,000

WASHINGTON

Tanner, Bert PhD, BS

Program Type: Scientist Development Grant **Institution:** Washington State University, Pullman **City:**
Pullman **Project Title:** Effects of myosin phosphorylation on length-dependent cross-bridge kinetics
Award Start Date: 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:**
\$231,000

WASHINGTON

Wang, Dennis PhD, MD

Program Type: Postdoctoral Fellowship **Institution:** University of Washington, Seattle **City:** Seattle
Project Title: Nicotinamide riboside supplementation to enhance myocardial mitochondrial function in
heart failure **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award**
Amount: \$125,120

WASHINGTON

Wang, Wang PhD, MD

Program Type: Established Investigator Award **Institution:** University of Washington, Seattle **City:**

Seattle **Project Title:** Mitochondrial fission protein DRP1 in metabolic heart disease **Award Start Date:** 1/1/2018 **Award End Date:** 12/31/2022 **Total Years:** 5 **Total Award Amount:** \$400,000

WASHINGTON

Watkins, David MD, MPH

Program Type: Strategically Focused Research Network **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** Building a Case to Invest in Rheumatic Heart Disease Prevention and Control in Limited Resource Settings **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2021 **Total Years:** 4 **Total Award Amount:** \$399,661

WASHINGTON

Wyse Jackson, Alice BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** The Role of Microglia in Weight Gain and Glucose Homeostasis **Award Start Date:** 7/1/2018 **Award End Date:** 9/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060

WASHINGTON

Yuan, Chun PhD

Program Type: Institute - AI and ML **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** Automated Vessel Wall Screening to Predict Cardiovascular Risk **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$199,492

WASHINGTON

Zhang, Yiqiang BS, MSc

Program Type: Innovative Project Award **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** Visualization and Bioengineering of Cardiomyocyte Epigenetics **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$200,000

WASHINGTON

Zhou, Bo PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** A novel mitochondrial mechanism for increased glycolysis in heart with pathological hypertrophy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$110,456

WEST VIRGINIA

Hathaway, Quincy BS

Program Type: Predoctoral Fellowship **Institution:** West Virginia University - Health Sciences Center **City:** Morgantown **Project Title:** Mitochondrial microRNA Import and Regulation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

WEST VIRGINIA

Hillgartner, Frank BS, MS

Program Type: Grant-in-Aid **Institution:** West Virginia University, Morgantown **City:** Morgantown
Project Title: Novel Mechanisms Controlling the Expression of FGF21, a Hepatokine That Reverses
Metabolic Syndrome **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total
Award Amount:** \$154,000

WEST VIRGINIA

Kelley, George BS, MSc

Program Type: Grant-in-Aid **Institution:** West Virginia University - Health Sciences Center **City:**
Morgantown **Project Title:** Exercise and Adiposity in Overweight and Obese Children and Adolescents: A
Network Meta-Analysis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total
Award Amount:** \$154,000

WEST VIRGINIA

Kim, Jung Han PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Institution:** Marshall University
Research Corporation, Huntington **City:** Huntington **Project Title:** A link between genetic variants and
obesity susceptibility **Award Start Date:** 4/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total
Award Amount:** \$154,000

WEST VIRGINIA

Ren, Xuefang MBBS, MD

Program Type: Scientist Development Grant **Institution:** West Virginia University, Morgantown **City:**
Morgantown **Project Title:** MiR-34a and Mitochondria in Blood-Brain Barrier and Stroke **Award Start
Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

WEST VIRGINIA

Santanam, Nalini PhD, MPH

Program Type: Undergraduate fellowship **Institution:** Marshall University Research Corporation,
Huntington **City:** Huntington **Project Title:** AHA Summer Undergraduate Student Research Program at
Marshall University **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2021 **Total Years:** 3 **Total Award
Amount:** \$60,000

WEST VIRGINIA

Xu, Yunhui PhD

Program Type: Postdoctoral Fellowship **Institution:** Marshall University Research Corporation,
Huntington **City:** Huntington **Project Title:** Biased ligands of Na/K-ATPase signaling **Award Start Date:**
7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

WISCONSIN

Alvarez Baron, Claudia P. MD, PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Wisconsin, Madison **City:** Madison

Project Title: Mechanisms of c-AMP regulation of HCN channel isoforms **Award Start Date:** 1/1/2017
Award End Date: 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

WISCONSIN

Arble, Deanna PhD

Program Type: Scientist Development Grant **Institution:** Marquette University **City:** Milwaukee **Project Title:** The role of neuronal leptin in the pathogenesis, and treatment, of sleep apnea and cardiometabolic disease. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

WISCONSIN

Cai, Wenxuan BS

Program Type: Predoctoral Fellowship **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: A Systems Biology Approach to Understand Hypertrophic Cardiomyopathy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

WISCONSIN

Chabowski, Dawid BA

Program Type: Predoctoral Fellowship **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** The effects of lysophosphatidic acid on the mechanism of flow-induced dilation in human microcirculation **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

WISCONSIN

Chen, Yiliang PhD

Program Type: Scientist Development Grant **Institution:** Blood Center of Wisconsin **City:** Milwaukee
Project Title: Na/K-ATPase-mediated signaling in the development of atherosclerosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

WISCONSIN

Chowdhury, Tamjid BS, PhD

Program Type: Postdoctoral Fellowship **Institution:** Medical College of Wisconsin **City:** Milwaukee
Project Title: Natural antisense long non-coding RNA mediated post-transcriptional regulation of the tie-1 gene **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

WISCONSIN

Das, Rahul PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: Determining the mechanism of action of Hunk, a novel regulator of insulin secretion and beta cell proliferation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

WISCONSIN

Dasinger, John Henry MS, PhD

Program Type: Postdoctoral Fellowship **Institution:** Medical College of Wisconsin **City:** Milwaukee
Project Title: Contribution of T lymphocytes in the development of maternal syndrome in Dahl SS rats
Award Start Date: 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$106,532

WISCONSIN

Evans, Louise MSc, MSc

Program Type: Scientist Development Grant **Institution:** Medical College of Wisconsin **City:** Milwaukee
Project Title: H2O2 initiates renal inflammation in salt-sensitive hypertension. **Award Start Date:**
7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

WISCONSIN

Fehrenbach, Daniel BS

Program Type: Predoctoral Fellowship **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** CD14 in Dahl SS Hypertension and Chronic Kidney Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

WISCONSIN

Fites, J. Scott PhD, BS

Program Type: Postdoctoral Fellowship **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: Harnessing a long-lived neutrophil to fight systemic fungal infections **Award Start Date:**
1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

WISCONSIN

Glukhov, Alexey BS, MSc

Program Type: Scientist Development Grant **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: The role of compartmentalized regulation of calcium signalling in atrial remodelling in heart failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

WISCONSIN

Goss, Kara MD

Program Type: Career Development Award **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: Impaired Cardiac Functional and Metabolic Efficiency in Young Adults Born Preterm **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

WISCONSIN

Gupta, Kartik BSE, MS

Program Type: Predoctoral Fellowship **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: PKCd mediated serine phosphorylation of STAT3 worsens abdominal aortic aneurysm by enhancing RIP3 expression & necrosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

WISCONSIN

Kang, Junsu PhD

Program Type: Scientist Development Grant **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: Unraveling the regulatory mechanisms of cardiac regeneration enhancer **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

WISCONSIN

Kidambi, Vidya MBBS, MS

Program Type: Strategically Focused Research Network **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** Epigenomics of Hypertension in Monozygotic Twins and Effect of Salt Intake **Award Start Date:** 4/1/2015 **Award End Date:** 3/31/2019 **Total Years:** 4 **Total Award Amount:** \$1,201,886

WISCONSIN

Korishettar, Ankush PhD

Program Type: Predoctoral Fellowship **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** TRPV2 Channels in Regulation of Human Coronary Microvascular Tone **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

WISCONSIN

Kotchen, Theodore MD

Program Type: Strategically Focused Research Network **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** Epigenomic modifications in hypertension and hypertension-related cardiovascular diseases **Award Start Date:** 4/1/2015 **Award End Date:** 3/31/2019 **Total Years:** 4 **Total Award Amount:** \$932,164

WISCONSIN

Lang, Di PhD, MS

Program Type: Postdoctoral Fellowship **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: The role of caveolin-3 in the mouse sino-atrial node functioning and atrial arrhythmogenesis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

WISCONSIN

Lange, Phil BS

Program Type: Predoctoral Fellowship **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** Beyond the Liver: A novel antiviral role for liver X receptors **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

WISCONSIN

Lee, Changhwan PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Wisconsin, Madison **City:** Madison

Project Title: Quantitative understanding of Notch defects causing congenital heart defects and stroke
Award Start Date: 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$114,368

WISCONSIN

Lee, Woojong BS

Program Type: Predoctoral Fellowship **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: A novel adjuvanted atherosclerosis vaccine for eliciting humoral and cell-mediated immunity **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

WISCONSIN

Liang, Mingyu PhD, MB

Program Type: Strategically Focused Research Network **Institution:** Medical College of Wisconsin **City:** Milwaukee
Project Title: Medical College of Wisconsin Strategically Focused Hypertension Research Center **Award Start Date:** 4/1/2015 **Award End Date:** 3/31/2019 **Total Years:** 4 **Total Award Amount:** \$618,379

WISCONSIN

Liu, Bo PhD

Program Type: Undergraduate fellowship **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: Cardiovascular Research Training Program for Undergraduate Students **Award Start Date:** 4/1/2018 **Award End Date:** 3/31/2021 **Total Years:** 3 **Total Award Amount:** \$60,000

WISCONSIN

Liu, Bo PhD

Program Type: Mentor-AHA Mentee Award **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$60,000

WISCONSIN

Mammoto, Akiko MD, PhD

Program Type: Transformational Project Award **Institution:** Medical College of Wisconsin **City:** Milwaukee
Project Title: Twist1 in age-related changes in angiogenesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

WISCONSIN

Mattson, David PhD

Program Type: Strategically Focused Research Network **Institution:** Medical College of Wisconsin **City:** Milwaukee
Project Title: Epigenetic Modification of Immune Mechanisms in Salt-Sensitive Hypertension and Renal Damage **Award Start Date:** 4/1/2015 **Award End Date:** 3/31/2019 **Total Years:** 4 **Total Award Amount:** \$956,771

WISCONSIN

Miao, Qing PhD

Program Type: Grant-in-Aid **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** Role of Nogo-B receptor in the pathogenesis of cerebral cavernous malformation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

WISCONSIN

Miskolci, Veronika PhD

Program Type: Postdoctoral Fellowship **Institution:** University of Wisconsin, Madison **City:** Madison **Project Title:** Mechanisms of macrophage-dependent neutrophil reverse migration during tissue damage **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

WISCONSIN

Nasci, Victoria BA

Program Type: Predoctoral Fellowship **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** microRNA Contribution to CVD with ESRD and Peritoneal Dialysis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

WISCONSIN

O'Meara, Caitlin PhD

Program Type: Scientist Development Grant **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** The Role of IL13 in Guiding Cardiomyocyte Cell Cycle and Heart Regeneration **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

WISCONSIN

Palygin, Oleg BS, MS

Program Type: Scientist Development Grant **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** Intravital Imaging of the Kidney in a Rat Model of Salt-Sensitive Hypertension **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

WISCONSIN

Patterson, Michaela PhD, BS

Program Type: Career Development Award **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** Exploiting natural variation to understand mechanisms of heart regeneration **Award Start Date:** 7/1/2018 **Award End Date:** 8/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

WISCONSIN

Reilly, Louise PhD, MS

Program Type: Postdoctoral Fellowship **Institution:** University of Wisconsin, Madison **City:** Madison **Project Title:** Arrhythmia mechanisms in KCNJ2-related CPVT **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

WISCONSIN

Smith, Brian BS, PhD

Program Type: Scientist Development Grant **Institution:** Medical College of Wisconsin **City:** Milwaukee
Project Title: Direct and Epigenetic Control of Metabolism through Protein S-nitrosation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

WISCONSIN

Spires, Denisha BS

Program Type: Predoctoral Fellowship **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** Role of the TRPC6 Channel in the Progression of Diabetic Nephropathy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

WISCONSIN

Stafford, Joshua BS

Program Type: Predoctoral Fellowship **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** The role of CCR5 in EMCV-induced type 1 diabetes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

WISCONSIN

Staruschenko, Alexander BS, MS

Program Type: Established Investigator Award **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** Role of ENaC-mediated sodium reabsorption in the development of PKD **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2020 **Total Years:** 5 **Total Award Amount:** \$400,000

WISCONSIN

Tattersall, Matthew DO

Program Type: Career Development Award **Institution:** University of Wisconsin, Madison **City:** Madison **Project Title:** Asthma Phenotypes and Subclinical Cardiovascular Disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$231,000

WISCONSIN

Wesley, Umadevi PhD

Program Type: Grant-in-Aid **Institution:** University of Wisconsin, Madison **City:** Madison **Project Title:** Galectin3 and mesenchymal stem cells mediated ischemic brain regeneration **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

WISCONSIN

Yamanouchi, Dai MD PhD

Program Type: Grant-in-Aid **Institution:** University of Wisconsin, Madison **City:** Madison **Project Title:** Osteoclastogenic Macrophage Activation in Aortic Aneurysm **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

WISCONSIN

Yu, Deyang BS

Program Type: Predoctoral Fellowship **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: The Role of Adipose mTORC2 in Lipid Metabolism and Cardiovascular Disease **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

WISCONSIN

Zaidan, Nur Zafirah BS, MS

Program Type: Predoctoral Fellowship **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: Role of chromatin in the early cardiomyocyte lineage **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

WISCONSIN

Zhou, Ting PhD, BS

Program Type: Postdoctoral Fellowship **Institution:** University of Wisconsin, Madison **City:** Madison
Project Title: Necroptosis in abdominal aortic aneurysm: signaling mechanism and therapeutic targeting
Award Start Date: 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

WYOMING

Gigley, Jason BS, PhD

Program Type: Grant-in-Aid **Institution:** University of Wyoming **City:** Laramie **Project Title:** Dissecting development of NK cell immune exhaustion promoting responses in chronic *T. gondii* infection **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

WYOMING

He, Guanglong PhD

Program Type: Transformational Project Award **Institution:** University of Wyoming **City:** Laramie **Project Title:** Targeting the underlying inflammation in obesity-associated myocardial dysfunction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** \$300,000

WYOMING

Wang, Qirong PhD, MS

Program Type: Postdoctoral Fellowship **Institution:** University of Wyoming **City:** Laramie **Project Title:** Molecular mechanism of maternal obesity elevated cortisol induced term fetal cardiac dysfunction
Award Start Date: 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$104,060