

**American Heart Association
Awardees in Alpha Order by State
Last Updated: August 2017**

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SOUTH CAROLINA

Adams, Robert BS, MS

Program Type: Strategically Focused Research Network **Funding Source:** Mid-Atlantic **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

Angel, Peggi PhD

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** 'N-Glycan Pathways in Congenital Aortic Valve Stenosis' **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$143,961

SOUTH CAROLINA

Azhar, Mohamad PhD

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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

Chowdhury, Shahryar MD, MS

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** Validation of Non-invasive Tools to Assess

Cardiac Mechanics in Hypoplastic Left Heart Syndrome **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

SOUTH CAROLINA

El-Shewy, Hesham PhD

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **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

Feng, Wuwei MD, MS

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** Prediction and Imaging Biomarker for Post-Stroke Motor Recovery **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

SOUTH CAROLINA

Finnell, Julie BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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

Herter, Troy PhD, BS

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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

Lench, Daniel BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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 Science Award **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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

Markwald, Roger

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** Turning Etiological Discoveries into Remedial Therapies for Heart Valve Defects **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

SOUTH CAROLINA

Norris, Russell PhD

Program Type: Collaborative Science Award **Funding Source:** Mid-Atlantic **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

Richardson, Will BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **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) **Funding Source:** Mid-Atlantic **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 Science Award **Funding Source:** Mid-Atlantic **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

Spinale, Francis PhD, MD

Program Type: Medical Student Research Fellowship **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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

Toomer, Katelynn BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Medical University of South Carolina **City:** Charleston **Project Title:** Cilia and Valvular Heart Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

SOUTH CAROLINA

Visconti, Richard PhD, MA

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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 **Funding Source:** Midwest **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

SOUTH DAKOTA

Hong, Zhongkui PhD

Program Type: Scientist Development Grant **Funding Source:** Midwest **Institution:** University of South Dakota **City:** Vermillion **Project Title:** Novel effects of cholesterol on the biophysical and functional properties of vascular smooth muscle **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$214,500

SOUTH DAKOTA

Zhang, Hanming BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of South Dakota **City:** Vermillion **Project Title:** PDE1 inhibition improves cardiac protein quality control **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

TENNESSEE

Adebiyi, Adebawale PhD

Program Type: Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** University of Tennessee Health Science Center Memphis **City:** Memphis **Project Title:** Myogenic renal autoregulation in neonatal acute kidney injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TENNESSEE

Albertolle, Matt BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Expression and Post-translational Modification of Cytochrome P450 4A11 Variants in Modulation of Blood Pressure **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TENNESSEE

Brittain, Evan MD

Program Type: Fellow-to-Faculty **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Metabolic Intervention on the Right Ventricle in Pulmonary Arterial Hypertension **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2018 **Total Years:** 5 **Total Award Amount:** \$593,000

TENNESSEE

Brown, Nancy MD

Program Type: Strategically Focused Research Network **Funding Source:** Greater Southeast **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

Bulley, Simon PhD

Program Type: Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Tennessee Health Science Center Memphis **City:** Memphis **Project Title:** Role of TRPP2 channels in the regulation of arterial contractility **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

TENNESSEE

Burnette, Dylan PhD

Program Type: Scientist Development Grant **Funding Source:** Greater Southeast **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

Choi, Hyehun BS, MS

Program Type: Scientist Development Grant **Funding Source:** Greater Southeast **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

Cordero-Morales, Julio BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** University of Tennessee Health Science Center Memphis **City:** Memphis **Project Title:** ELUCIDATING THE MECHANISM OF TRPV4 ACTIVATION AND ITS ROLE IN VASCULAR FUNCTION **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

TENNESSEE

Cox, Nancy PhD

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

TENNESSEE

Currie, Kevin PhD

Program Type: Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Control of adrenal catecholamine secretion: a novel role for the serotonin transporter **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

TENNESSEE

Dale, Bethany BA, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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

De Caestecker, Mark PhD, MBBS

Program Type: Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** BMPR2-dependent metabolic reprogramming in

pulmonary arterial hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TENNESSEE

Dikalova, Anna PhD

Program Type: Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Sirtuin 3 Inactivation and SOD2 Hyperacetylation in Vascular Oxidative Stress and Hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TENNESSEE

Ferguson, Jane BA, PhD

Program Type: Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Microbiome and Dietary Signatures of Cardiometabolic Health **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

TENNESSEE

Jimenez Bastida, Juan Antonio PhD, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University **City:** Nashville **Project Title:** 5-hydroxy-prostaglandins as novel modulators of prostaglandin receptor signaling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

TENNESSEE

Gumina, Richard PhD, MD

Program Type: Grant-in-Aid **Funding Source:** Greater Southeast **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

Harmelink, Cristina BSC, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** TIE1 Modulation of Lymphatic Development **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

TENNESSEE

Harrison, David MD

Program Type: Strategically Focused Research Network **Funding Source:** Greater Southeast

Institution: Vanderbilt University Medical Center **City:** Nashville **Project Title:** Vanderbilt University Strategically Focused Prevention Research Center **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$580,800

TENNESSEE

Harrison, David MD

Program Type: Strategically Focused Research Network **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Effect of Salt on Innate and Adaptive Immune cells in Hypertension **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$873,727

TENNESSEE

Hasan, Raquibul PhD, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Tennessee Health Science Center Memphis **City:** Memphis **Project Title:** Regulation of TRPP1 channel trafficking and functional significance in arterial smooth muscle **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

TENNESSEE

Hoover, Donald PhD, BS

Program Type: Medical Student Research Fellowship **Funding Source:** Greater Southeast **Institution:** East Tennessee State University, Johnson City **City:** Johnson City **Project Title:** Health Science Fellowship in Cardiovascular Research **Award Start Date:** 2/1/2016 **Award End Date:** 1/31/2018 **Total Years:** 2 **Total Award Amount:** \$27,000

TENNESSEE

Itani, Hana PhD

Program Type: Scientist Development Grant **Funding Source:** Greater Southeast **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

Lark, Daniel PhD, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Mechanisms Coupling Integrin-Linked Kinase to Insulin Resistance **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

TENNESSEE

Laroumanie, Fanny PhD, PharmD

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Novel Role of the Lymphocyte Adaptor Protein in Aortic Dissection/ Rupture **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

TENNESSEE

Leo, Marie Dennis Marcus PhD

Program Type: Scientist Development Grant **Funding Source:** Greater Southeast **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

Li, Bian BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Predicting Deleterious Mutations in the Potassium Channel KCNQ1 that Can Cause LQTS and Cardiac Arrhythmia **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

TENNESSEE

Lietman, Caressa PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Cellular and mechanistic roles of SPRR3 in atheroprotection. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

TENNESSEE

Luis, Paula PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Curcumin-glucuronide as a pro-drug in inflammation **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$98,432

TENNESSEE

Luther, James MS, MD

Program Type: Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Urinary sodium channels and diuretic response in acute heart failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TENNESSEE

Major, Amy PhD, BS

Program Type: Mentor-AHA Mentee Award **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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

Michell, Danielle PhD, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Role of HDL small RNA communication in atherosclerosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$98,432

TENNESSEE

Mosley, Jonathan BSC, MSc

Program Type: Fellow-to-Faculty **Funding Source:** Greater Southeast **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: Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Mutant atrial natriuretic peptide: A novel mediator of atrial arrhythmia susceptibility **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TENNESSEE

Nazarewicz, Rafal PhD

Program Type: Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** T-cell mitochondrial ROS in development of hypertension **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

TENNESSEE

Niswender, Kevin MD PhD

Program Type: Strategically Focused Research Network **Funding Source:** Greater Southeast **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

Niswender, Kevin MD PhD

Program Type: Strategically Focused Research Network **Funding Source:** Greater Southeast **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

Nixon, Benjamin BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** The Impact of Myofilament Dysfunction on Postnatal Heart Development **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

TENNESSEE

Nlandu Khodo, Stello BS, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** TGF-beta Pathway Promoting Epithelial Survival in Chronic Renal Injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

TENNESSEE

Patil, Naeem MBBS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** Impaired T cell adaptive immune response during burn wound sepsis and pre-clinical evaluation of interleukin-7 **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

TENNESSEE

Perry, Nicole BS, BA

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Arrestin-3 scaffolding of the JNK3 activation cascade as a model of arrestin-dependent signaling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TENNESSEE

Polichnowski, Aaron PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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

Reed, Guy MD

Program Type: Medical Student Research Fellowship **Funding Source:** Greater Southeast **Institution:** University of Tennessee Health Science Center Memphis **City:** Memphis **Project Title:** GSA Summer Medical Student Research Fellowship in Cardiovascular Diseases and Stroke **Award Start Date:** 2/1/2016 **Award End Date:** 1/31/2018 **Total Years:** 2 **Total Award Amount:** \$27,000

TENNESSEE

Ruggeri Barbaro, Natalia MS, PharmD

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University Medical Center **City:** Nashville **Project Title:** The role of salt in activation of innate immune system in hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

TENNESSEE

Sanders, Anna BS, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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

Singh, Satish BSC, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Tennessee Health Science Center Memphis **City:** Memphis **Project Title:** Alpha2-antiplasmin, inflammation and ischemic stroke outcomes **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

TENNESSEE

Snider, Chloe BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **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

Titze, Jens MD

Program Type: Strategically Focused Research Network **Funding Source:** Greater Southeast
Institution: Vanderbilt University Medical Center **City:** Nashville **Project Title:** Lowering Tissue Na⁺
Stores to Reduce Blood Pressure, Systemic Inflammation, and Metabolic Derangement in Aging Humans
Award Start Date: 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:**
\$1,040,335

TENNESSEE

Vasquez, Valeria BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Greater Southeast **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

Wang, Dong PhD, MD

Program Type: Scientist Development Grant **Funding Source:** Greater Southeast **Institution:**
University of Tennessee Health Science Center Memphis **City:** Memphis **Project Title:** The Corin-ANP
Axis in Myocardial Infarction and Ischemic Cardiomyopathy **Award Start Date:** 7/1/2014 **Award End
Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

TENNESSEE

Wang, Thomas MD

Program Type: Strategically Focused Research Network **Funding Source:** Greater Southeast
Institution: Vanderbilt University Medical Center **City:** Nashville **Project Title:** Prevention of
Hypertension and its Complications in a Medically-Underserved Population **Award Start Date:** 7/1/2014
Award End Date: 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$1,214,338

TENNESSEE

Wells, Quinn BS, PharmD

Program Type: Fellow-to-Faculty **Funding Source:** Greater Southeast **Institution:** Vanderbilt
University Medical Center **City:** Nashville **Project Title:** Genetic Variation in CYP2J2 and
Anthracycline Cardiomyopathy **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2018 **Total Years:**
5 **Total Award Amount:** \$593,000

TENNESSEE

Wells, Quinn BS, PharmD

Program Type: Institute - Bayer Discovery Grant **Funding Source:** Greater Southeast **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:** 1 **Total Award Amount:** \$149,900

TENNESSEE

Xiao, Liang MD, PhD

Program Type: Scientist Development Grant **Funding Source:** Greater Southeast **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

Zhang, Linda PhD, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University **City:** Nashville **Project Title:** Effect of isolevuglandin in HDL structure-function in atherosclerosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

TEXAS

Agopian, A PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Hypertension genotypes in mothers and risk for congenital heart defects in offspring **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,968

TEXAS

Ahmad, Zahid MD

Program Type: Innovative Research Grant **Funding Source:** Southwest **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 **Funding Source:** Southwest **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

Ali, Rustam PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** NMR studies of actin monomer dynamics and their roles in actin filament dynamics and heart disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$99,112

TEXAS

Altamirano, Francisco PhD, BSC

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Cardiomyocyte Mechanotransduction: Roles of Polycystin-1/2 **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

TEXAS

Baker, Aaron MS, BSE

Program Type: Innovative Research Grant **Funding Source:** Southwest **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

Baskin, Kedryn BA, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Med12 is a transcriptional Mediator of cardiac contractile function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

TEXAS

Bayless, Kayla PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** Texas A&M University Health Science Center **City:** College Station **Project Title:** Filamins stabilize a transmembrane complex to initiate angiogenesis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

TEXAS

Berman, Jonathan BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **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

Berry, Jarett BS, MD

Program Type: Strategically Focused Research Network **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Association between

physical activity and modifiable intermediate heart failure phenotypes **Award Start Date:** 7/1/2014
Award End Date: 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$660,000

TEXAS

Bhattacharyya, Samadrita MSc

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **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 **Funding Source:** Southwest **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

Butts, Ryan BS, BS

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Effect of carvedilol on exercise performance in Fontan patients **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Campbell, Hannah BS

Program Type: Clinical Health Profession Student Training Program **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** The Role of Striated Muscle Preferentially Expressed Protein Kinase in the Regulation of Ryanodine Receptor 2 **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Cao, Muqing PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** The Molecular Link between Primary Ciliogenesis and Heart Development **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

TEXAS

Cenik, Bercin MD

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Deciphering the Role of Twist in Epicardial EMT and Development **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

TEXAS

Chakraborty, Sanjukta PhD

Program Type: Scientist Development Grant **Funding Source:** Southwest **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, Benny PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Lipid Droplets Control Their Own Existence. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Chang, Chiung-Wen PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Structural and Mechanistic Studies of the Membrane-Associated Mitochondrial Prohibitin:m-AAA Protease Supercomplex **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

TEXAS

Chang, Audrey PhD, BS

Program Type: Scientist Development Grant **Funding Source:** Southwest **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

Charoenphol, Phapanin PhD, MS

Program Type: Scientist Development Grant **Funding Source:** Southwest **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 **Funding Source:** Southwest **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

Chaudhary, Parul MBBS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of North Texas Health Science Center, Fort Worth **City:** Fort Worth **Project Title:** Brain stem mechanisms that impair autonomic regulation of blood pressure with obesity **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

TEXAS

Chauhan, Anjali PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** GDF11 plays a pivotal role in stroke-induced injury **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

TEXAS

Chen, Elizabeth PhD

Program Type: Established Investigator Award **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** A role for invasive podosomes in vertebrate myoblast fusion **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$400,000

TEXAS

Chen, Miaohsueh PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Characterizing supraclavicular brown adipose tissue during development and in obesity **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Clark, Lindsay BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Structural mechanism of cholesterol homeostasis by Scap **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

TEXAS

Cunha, Shane PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Ankyrin-dependent assembly of SR/T-tubule organization **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

De Vries, Paul BSc, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Genomic discovery for improved risk prediction of coronary heart disease **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

TEXAS

Deason, Krystin BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** The Role of BCAP in Obesity Induced Diabetes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Deisl, Christine BSc, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** The Role of FGF23 and Klotho in Uremic Cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

TEXAS

Deng, Tuo PhD, BS

Program Type: Scientist Development Grant **Funding Source:** Southwest **Institution:** Houston Methodist Hospital **City:** Houston **Project Title:** Adipocyte MHCII function and its regulation by PPAR-gamma **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Dhande, Isha PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **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

Downs, Kevin BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Health Science Center at San Antonio **City:** San Antonio **Project Title:** Role of Glutaredoxin-1 in determining macrophage phenotype during the development of atherosclerosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Duerrschmid, Clemens BS, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Ablation of the fibrillin-1 C-terminal Polypeptide Results in Insulin Sensitization and Improved Infarct Healing **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

TEXAS

Dunn, Andrew PhD

Program Type: Established Investigator Award **Funding Source:** Southwest **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 **Funding Source:** Southwest **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

Fang, Longhou PhD

Program Type: Beginning Grant-in-Aid **Funding Source:** Southwest **Institution:** Houston Methodist Research Institute **City:** Houston **Project Title:** LYMPHATICS, AIBP, AND REVERSE CHOLESTEROL TRANSPORT **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

TEXAS

Finol, Ender PhD, MS

Program Type: Collaborative Science Award **Funding Source:** Southwest **Institution:** University of Texas 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

Fu, Qi MD, PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Sex Differences in Elderly Hypertension: Role of the Venoarteriolar Response **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

TEXAS

Fujikawa, Teppei PhD

Program Type: Scientist Development Grant **Funding Source:** Southwest **Institution:** University of Texas Health Science Center at San Antonio **City:** San Antonio **Project Title:** A hypothalamic pathway mediates anti-type 1 diabetes actions of leptin **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Ge, Woo-Ping PhD, BS

Program Type: Innovative Research Grant **Funding Source:** Southwest **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 **Funding Source:** Southwest **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

Gohil, Vishal PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** Texas A&M University, College Station **City:** College Station **Project Title:** Correcting mitochondrial defects in Barth syndrome models by targeting phosphatidylethanolamine metabolism **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Goldsmith, Elizabeth PhD

Program Type: Collaborative Science Award **Funding Source:** Southwest **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

Goodman, Joel PhD, BA

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** A molecular understanding of the function of perilipin **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

TEXAS

Gorniak, Stacey PhD, MS

Program Type: Beginning Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Houston, Houston **City:** Houston **Project Title:** Elucidating the relationship between cortical hemodynamics and mild cognitive impairment in adults with Type II Diabetes **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$139,162

TEXAS

Grande Allen, Kathryn BA, PhD

Program Type: Undergraduate Fellowship **Funding Source:** Southwest **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

Grotta, James MD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** Memorial Hermann Hospital **City:** Houston **Project Title:** BEnefits of Stroke Treatment Delivered Using a Mobile Stroke Unit Compared to Standard **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

TEXAS

Guenther, Caitlin BSE

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** Rice University **City:** Houston **Project Title:** Engineering Protease-Activatable Viral Vectors for Cardiac Gene Therapy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Gupta, Rana PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Unlocking the Thermogenic Potential of White Adipose Tissue to Combat Obesity and Cardiometabolic Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Gupta, Sudhiranjan PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **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

Gupte, Rebecca PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Role of PARP-1 in Regulating Macrophage-Mediated Inflammation in Atherosclerosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

TEXAS

Hayenga, Heather BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Southwest **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 **Funding Source:** Southwest **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

Hill, Joseph MD PhD, MD

Program Type: Strategically Focused Research Network **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** UT Southwestern

Strategically Focused Prevention Research Center **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$580,800

TEXAS

Hill, Joseph MD PhD, MD

Program Type: Strategically Focused Research Network **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Molecular mechanisms in the transition from cardiomyocyte hypertrophy to HFpEF **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$1,038,400

TEXAS

Horstman, Molly MD, BS

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Southwest **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 **Funding Source:** Southwest **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

Huang, Yun PhD, MS

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

TEXAS

Huang, Linzhang PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Endothelial Cell SR-BI and Atherosclerosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

TEXAS

Ji, Hong-Long MD, DSc

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Tyler **City:** Tyler **Project Title:** TARGETING ENACS BY PARACRINE IN CELL THERAPY OF PULMONARY EDEMA **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$140,000

TEXAS

Jiao, Lianying PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Structural Mechanisms of Gene Silencing by Polycomb Repressive Complex 2 **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

TEXAS

Karlstaedt, Anja MD, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **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: Scientist Development Grant **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** The role of hyaluronan in pulmonary hypertension secondary to lung fibrosis **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Kayed, Rakez PhD

Program Type: Collaborative Science Award **Funding Source:** Southwest **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 **Funding Source:** Southwest **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 **Funding Source:** Southwest **Institution:** Texas Tech University, Lubbock **City:** Lubbock **Project Title:** Membrane Repair as a Resistance Mechanism to Septic Cardiomyopathy **Award Start 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 **Funding Source:** Southwest **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, Soo Young BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** BET Bromodomain Protein-Dependent Regulation of Cardiac Hypertrophy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Koo, Suejie BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** The University of Texas Medical Branch **City:** Galveston **Project Title:** Macrophage metabolism in the prevention of chagasic cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Koutakis, Panagiotis PhD

Program Type: Scientist Development Grant **Funding Source:** Southwest **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

Krishnamurthy, Varun BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** Rice University **City:** Houston **Project Title:** Effect of hypoxia on hyaluronan homeostasis in porcine aortic and mitral valves **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

TEXAS

Kulmacz, Richard PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Cytochrome b Reductase 1 (CYBRD1) and Erythrocyte Antioxidant Defenses **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Kwartler, Callie PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **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

Lagor, William PhD

Program Type: Beginning Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Arv1, mediator of lipid and energy homeostasis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

TEXAS

Lapid, Kfir BSc, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** ERa modulation promotes metabolic-favorable cold-induced adipose tissue browning **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$110,224

TEXAS

Le, Victoria BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **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

Lechleiter, James PhD

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

TEXAS

Levine, Benjamin BA, MD

Program Type: Strategically Focused Research Network **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Novel HFpEF Prevention Strategies In High Risk Individuals: High Intensity Exercise Training Plus Omega-3 Fatty Acids **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$1,430,000

TEXAS

Li, Qingjie PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **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

Li, Na BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** TRANSCRIPTIONAL REGULATION OF RYANODINE RECEPTOR 2 IN ATRIAL FIBRILLATION **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Liu, Yu MD, PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Houston, Houston **City:** Houston **Project Title:** Molecular mechanisms of miR-322/503 in regulating cardiomyocyte fate determination **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

TEXAS

Liu, Zhiping PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** FoxO4-regulated post-myocardial infarction left ventricular remodeling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Liu, Chen PhD, BS

Program Type: Scientist Development Grant **Funding Source:** Southwest **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 **Funding Source:** Southwest **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

Ma, Rong PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** University of North Texas Health Science Center, Fort Worth **City:** Fort Worth **Project Title:** I-mfa, a potential therapeutic target of diabetic nephropathy **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

TEXAS

Ma, Ke PhD, MD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Circadian clock control of thermogenic brown and beige fat function **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Mao, Renfang MD, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** Houston Methodist Research Institute **City:** Houston **Project Title:** AIBP-mediated cholesterol metabolism regulates Notch signaling and angiogenesis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

TEXAS

Mathis, Keisa BS, MS

Program Type: Scientist Development Grant **Funding Source:** Southwest **Institution:** University of North Texas Health Science Center, Fort Worth **City:** Fort Worth **Project Title:** The Role of the Cholinergic Anti-Inflammatory Pathway in Renal Function and Hypertension **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Meng, Shu PhD, MS

Program Type: Scientist Development Grant **Funding Source:** Southwest **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, Andrew BS, MS

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Texas Health Science Center at San Antonio **City:** San Antonio **Project Title:** Coagulation Complications of CardioPulmonary bypass (C-3PO Study) **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Meyer, Dylan BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **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 **Funding Source:** Southwest **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 **Funding Source:** Southwest **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

Miyake, Christina BA, MS

Program Type: Scientist Development Grant **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** The Discovery of Novel Genes in Inherited Arrhythmic Sudden Death Syndromes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

TEXAS

Modis, Katalin PharmD, PhD

Program Type: Scientist Development Grant **Funding Source:** Southwest **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 **Funding Source:** Southwest **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

Munshi, Nikhil MD, PhD

Program Type: Innovative Research Grant **Funding Source:** Southwest **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, James BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Gastrointestinal Dysbiosis and its Contribution to Cerebral Small Vessel Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Nelson, Michael PhD, MSc

Program Type: Scientist Development Grant **Funding Source:** Southwest **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

Nguyen, Huynh Nga BS, BA

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Health Science Center at San Antonio **City:** San Antonio **Project Title:** Protection From Monocyte Dysfunction and Atherosclerosis by 23-Hydroxy-Ursolic Acid **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Oh, Da Young PhD

Program Type: Scientist Development Grant **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** The role of FFAR4 in metabolic syndrome **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Otto, Marcia PhD, MS

Program Type: Scientist Development Grant **Funding Source:** Southwest **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

Parameswaran, Balaji PhD, BSE

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** The Role of PARP-3 in Adipogenesis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

TEXAS

Pasquali, Matteo PhD, MSc

Program Type: Collaborative Science Award **Funding Source:** Southwest **Institution:** Rice University **City:** Houston **Project Title:** Carbon Nanotube Wires as a Novel Tool for Reconstitution of Myocardial Conduction **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$285,002

TEXAS

Pham, Grace MS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of North Texas Health Science Center, Fort Worth **City:** Fort Worth **Project Title:** The contribution of vagal tone toward hypothalamic-pituitary-adrenal axis activity in SLE hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Piety, Nathaniel

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Houston, Houston **City:** Houston **Project Title:** Paper-based monitoring of sickle hemoglobin for stroke prevention **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

TEXAS

Pochynyuk, Oleh PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **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 **Funding Source:** Southwest **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

Prisby, Rhonda PhD, MA

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

TEXAS

Ramalingam, Latha BS, MS

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Funding Source:** Southwest **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

Razavi, Mehdi MD

Program Type: Collaborative Science Award **Funding Source:** Southwest **Institution:** Texas Heart Institute **City:** Houston **Project Title:** Carbon Nanotube Wires as a Novel Tool for Reconstitution of Myocardial Conduction **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$464,998

TEXAS

Reese, Tiffany PhD, BS

Program Type: Scientist Development Grant **Funding Source:** Southwest **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

Rickards, Caroline PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **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 **Funding Source:** Southwest **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 **Funding Source:** Southwest **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 Science Award **Funding Source:** Southwest **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

Rosas, Paola PhD, MD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** Texas A&M University System Health Science Center, Temple **City:** Temple **Project Title:** Cardiac Myosin Binding Protein-C phosphorylation is essential to preserve diastolic function in aging hearts **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

TEXAS

Rusin, Craig BSE, PhD

Program Type: Beginning Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** REAL-TIME PREDICTION OF ACUTE ARREST IN INFANTS WITH SINGLE VENTRICLE PHYSIOLOGY **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

TEXAS

Rutkowski, Joseph BS, MS

Program Type: Grant-in-Aid **Funding Source:** Southwest **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 **Funding Source:** Southwest **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

Schreihof, Ann PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** University of North Texas Health Science Center, Fort Worth **City:** Fort Worth **Project Title:** Brain stem mechanisms for respiratory-related regulation of blood pressure in health and hypertension **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

TEXAS

Scott, Daryl MD PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** The Role of SOX7 in Congenital Heart Defects **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Scott, Larry BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** INVESTIGATING THE ROLE OF OBESITY-INDUCED NLRP3 INFLAMMOSOME 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 **Funding Source:** Southwest **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

Selyunin, Andrey PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** The University of Texas at Austin **City:** Austin **Project Title:** Molecular mechanisms and therapeutic implications of Shiga toxin type 2 intracellular trafficking. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

TEXAS

Serysheva, Irina PhD, MS

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Regulation of IP3R channel by calcium binding proteins **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Shaikh, Sana PhD, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Single Molecule FRET Studies of AMPA Receptor Dynamics **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

TEXAS

Shao, Mengle PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Adipose Zfp423 in the Control of Cardiometabolic Disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

TEXAS

Sifuentes, Mikaela BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Health Science Center at San Antonio **City:** San Antonio **Project Title:** Thyroid hormone neuroprotection from ischemic stroke by direct stimulation of astrocytes mitochondria **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

TEXAS

Singh, Ravi PhD

Program Type: Scientist Development Grant **Funding Source:** Southwest **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

Sisley, Stephanie BS, MD

Program Type: Beginning Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Elucidating Mechanisms of CNS Vitamin D Receptor Mediated Weight Regulation **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

TEXAS

Sosa, Iberia BA, MS

Program Type: Fellow-to-Faculty **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Resveratrol in Metabolic Syndrome: Effect on Platelet Hyper-reactivity and HDL Lipid Peroxidation **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2018 **Total Years:** 5 **Total Award Amount:** \$593,000

TEXAS

Stockand, James BS, PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **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

Stowe, Ann PhD, BA

Program Type: Scientist Development Grant **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** B cells mediate endogenous neurovascular protection following stroke **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Sun, Zheng PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Obesity-Epigenome Interaction in Heart Failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Sun, Jenny BS, BA

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Genetic characterization of central noradrenergic function in cardiorespiratory control **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Tao, Ge BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **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

TEXAS

Tiwari, Nivedita PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Tyler **City:** Tyler **Project Title:** p53-miR-34a-feed-forward pathway targeted therapeutics in pulmonary fibrosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

TEXAS

Tsai, Chang-Ru BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas MD Anderson Cancer Center **City:** Houston **Project Title:** Vascular Endothelial Growth Factor signaling regulates epithelial repair in Drosophila larvae **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

TEXAS

Van Der Heijden, Meike BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **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 **Funding Source:** Southwest **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 **Funding Source:** Southwest **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) **Funding Source:** Southwest **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

Wang, Jun MD, PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** Texas Heart Institute **City:** Houston **Project Title:** Regulation of apoptosis inducing factor (AIF) activity in cardiomyocyte survival and death by SUMO conjugation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Wang, Dachun MD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Modeling lung surfactant protein deficiencies with disease-specific hiPSC-ATIICs **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Wang, Zhao PhD, MS

Program Type: Innovative Research Grant **Funding Source:** Southwest **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

Wang, Chunmei BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Hypothalamic TAp63 and body weight control **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$106,372

TEXAS

Wang, Shang BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Live optical elastography of mammalian embryonic outflow tract **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

TEXAS

Wang, Ping PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **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 **Funding Source:** Southwest **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, Hui BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **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, Zhao PhD, MS

Program Type: Scientist Development Grant **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** Xbp1s protects heart from ischemia/reperfusion injury through activation of the hexosamine biosynthetic pathway **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Wang, Jun MS, BS

Program Type: Scientist Development Grant **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** a miRNA-Hippo pathway in development and regeneration of the cardiac conduction system **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

TEXAS

Wehrens, Xander MD PhD, MSc

Program Type: Established Investigator Award **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** Role of novel calcium release unit proteins in normal and failing hearts **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$400,000

TEXAS

Wu, Huaizhu MD, MS

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** ApoCIII, triglyceride-rich lipoproteins, and atherogenesis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Wythe, Joshua PhD, BA

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City:** Houston **Project Title:** The Cellular Dynamics of Arteriovenous Specification **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Xie, Shiqi PhD, BS

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City:** Dallas **Project Title:** High-throughput Analysis of Endogenous Enhancer Function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

TEXAS

Xu, Yong PhD, MSc

Program Type: Grant-in-Aid **Funding Source:** Southwest **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

Xu, Hua PhD

Program Type: Institute - Data Grant **Funding Source:** Southwest **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

Yang, Xiaojie PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **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

Yang, Tingli BA

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** Texas A&M University Health Science Center **City:** College Station **Project Title:** Rho signaling in cardiac regeneration response **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

TEXAS

Yu, Bing MB, MS

Program Type: Scientist Development Grant **Funding Source:** Southwest **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

Zhou, Ping PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City:** Houston **Project Title:** Dexterous myoelectric control for improving hand function after stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

TEXAS

Zoldan, Janet PhD

Program Type: Scientist Development Grant **Funding Source:** Southwest **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

Boudina, Sihem PhD

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Functional Characterization of Novel Visceral Adipose Tissue Progenitors. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

UTAH

De Havenon, Adam MD

Program Type: Scientist Development Grant **Funding Source:** Western States **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 **Funding Source:** Western States **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

Fagerlin, Angela PhD, MA

Program Type: Strategically Focused Research Network **Funding Source:** Western States **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

Huang, Yufeng PhD, MD

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Profibrotic mechanism(s) of prorenin in cardiac and renal fibrosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

UTAH

Lam, Pui Ying PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Modulation of hepcidin-ferroportin signaling using small molecules and in vivo modeling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

UTAH

Makaju, Aman BSC

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Functional Characterization of Smyd1 during Cardiac Hypertrophy **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

UTAH

Mcnelly, Joseph MD PhD

Program Type: Scientist Development Grant **Funding Source:** Western States **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

Panic, Vanja BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **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 **Funding Source:** Western States **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

Selzman, Craig BA, MD

Program Type: Strategically Focused Research Network **Funding Source:** Western States **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

Silver, Robert MD

Program Type: Strategically Focused Research Network **Funding Source:** Western States **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 **Funding Source:** Western States **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

Stehlik, Josef MD, MPH

Program Type: Strategically Focused Research Network **Funding Source:** Western States **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 **Funding Source:** Western States **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

Symons, J David PhD

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Aging limits vascular autophagic flux and impairs endothelial cell nitric oxide generation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

UTAH

Trinity, Joel PhD, MA

Program Type: Scientist Development Grant **Funding Source:** Western States **Institution:** University of Utah **City:** Salt Lake City **Project Title:** Understanding the Exercise-Hypertension Paradox: Mechanisms Involved in the Exaggerated Exercise Pressor Reflex **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

UTAH

Tristani-Firouzi, Martin MD

Program Type: Strategically Focused Research Network **Funding Source:** Western States **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

Yandell, Mark BA, PhD

Program Type: Strategically Focused Research Network **Funding Source:** Western States **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

Zhan, Jixun BS, MS

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** Utah State University **City:** Logan **Project Title:** A novel biosynthetic approach to self-supply of cardioprotective natural products in the human body **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

UTAH

Zurita Rendon, Olga BSC, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Western States **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 **Funding Source:** Founders **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 **Funding Source:** Founders **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

Kelm, Jr., Robert PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **Institution:** University of Vermont, Burlington **City:** Burlington **Project Title:** Role of PURB in Controlling the Phenotypic Plasticity of Vascular Smooth Muscle Cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

VERMONT

Koide, Masayo PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **Institution:** University of Vermont, Burlington **City:** Burlington **Project Title:** Mechanisms of EGF receptor activation leading to decreased cerebral blood flow after subarachnoid hemorrhage. **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

VERMONT

Longden, Thomas BSC, PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Funding Source:** Founders **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 **Funding Source:** Mid-Atlantic **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

Baylis, Richard BS

Program Type: Clinical Health Profession Student Training Program **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Interleukin-1 beta promotes atheroprotective changes in late stage atherosclerotic lesions **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

VIRGINIA

Bilchick, Kenneth MD, MSc

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **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

Cai, Xiaoying BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Free-breathing Cine DENSE MRI of Dyssynchrony and Delayed Activation in Pediatric Single Ventricle Patients **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

VIRGINIA

Carbone, Salvatore RD, MS

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Mid-Atlantic **Institution:** Virginia Commonwealth University, Richmond **City:** Richmond **Project Title:** SGLT2 inhibitors in diabetic patients with heart failure with reduced ejection fraction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

VIRGINIA

Caswell, Clayton PhD

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **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

Cherepanova, Olga PhD

Program Type: Innovative Research Grant **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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

Cui, Xinyuan BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** MRI Assessment of Coronary Endothelial Function using Native T1 Mapping with Nitric Oxide Synthase (NOS) Inhibition **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

VIRGINIA

Estrada, Ana BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Multiscale modeling of growth following post-infarction mechanical reinforcement **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

VIRGINIA

Galkin, Vitold PhD

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Eastern Virginia Medical School, Norfolk **City:** Norfolk **Project Title:** Mechanism of Regulation of Thin Filament by Myosin Binding Protein-C **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

VIRGINIA

Ganta, Vijay PhD

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Modulation of Anti-angiogenic VEGFxxx_b 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

Gomez, Delphine BS, MSc

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Epigenetic control of Vascular Smooth

Muscle cell Lineage Memory **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4
Total Award Amount: \$308,000

VIRGINIA

He, Hongliang PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Virginia Commonwealth University, Richmond **City:** Richmond **Project Title:** Targeting macrophages by functionalized nanomedicines to modulate chronic diseases **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

VIRGINIA

Holloway, Ben BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Non-adrenergic, glutamatergic, bulbospinal neurons of the rostroventrolateral medulla regulate resting blood pressure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

VIRGINIA

Hu, Song PhD

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **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

Keeley, Ellen BS, MD

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

VIRGINIA

Keller, Alexander BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Mechanisms of ATP release from Pannexin 1 in Red Blood Cells in Response to Hypoxia **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

VIRGINIA

Keller, Thomas BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Increasing NO via an alpha globin mimetic peptide as a treatment for sickle cell induced pulmonary hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

VIRGINIA

Kelly-Goss, Margaret BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** In vivo, single-cell analysis of recruited pericytes during angiogenesis and vessel stabilization **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

VIRGINIA

Liu, Qinglian PhD

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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

Meher, Akshaya BSC, MSc

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Role of B2 cell-dependent differentiation of regulatory T cell in aortic aneurysm. **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

VIRGINIA

Neuber, Johanna BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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

Osinski, Victoria BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** Assessing regulation of adipose tissue angiogenesis by Id3 and MCP-1-expressing adipocyte progenitor cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

VIRGINIA

Owsiany, Katherine BA

Program Type: Clinical Health Profession Student Training Program **Funding Source:** Mid-Atlantic **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

Quader, Mohammed MD

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **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

Rickel, Robert BSE, MSE

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** A Method for Monitoring in situ Microfluidic Microbubble Production in Catheter-Based Sonothrombolysis Stroke Therapy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

VIRGINIA

Salmon, Morgan PhD, BA

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** The Role of KLF2 in Aortic Aneurysm Formation **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

VIRGINIA

Sharma, Ashish MBBS, PhD

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **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

Tan, Alex MD

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **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

Tseng, Gea-Ny MPH, PhD

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Virginia Commonwealth University, Richmond **City:** Richmond **Project Title:** Control of Assembly between Alpha and Beta Subunits of K Channels in Adult Ventricular Myocytes **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

VIRGINIA

Upadhye, Aditi BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City:** Charlottesville **Project Title:** B-1 B Cell Function in Atherosclerosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

VIRGINIA

Veeraraghavan, Rengasayee BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** Virginia Polytechnic Institute **City:** Blacksburg **Project Title:** Modulation of cardiomyocyte ultrastructure by vascular barrier function - a novel mechanism for atrial arrhythmias **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

VIRGINIA

Waters, Christopher BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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

WASHINGTON

Bernabeu, Maria PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Western States **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

Chivukula, Venkat Keshav BS, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** Investigation of left ventricular assist device implantation strategies for long term heart failure therapy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

WASHINGTON

Dong, Wenji MS, PhD

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** Washington State University, Pullman **City:** Pullman **Project Title:** Mechanistic roles of troponin, titin and MyBPC in sarcomere length-dependent function of cardiac myofilament **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 **Funding Source:** Western States **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 **Funding Source:** Western States **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

Flynn, Joseph MD, MS

Program Type: Strategically Focused Research Network **Funding Source:** Western States **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 **Funding Source:** Western States **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

Kenagy, Richard PhD

Program Type: Grant-in-Aid **Funding Source:** Western States **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

Kolwicz, Stephen PhD

Program Type: Scientist Development Grant **Funding Source:** Western States **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** Endogenous Lipid Metabolism and Cardiac Function **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

WASHINGTON

Leary, Peter MD, BA

Program Type: Scientist Development Grant **Funding Source:** Western States **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 **Funding Source:** Western States **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

Ly, Thu AS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **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 **Funding Source:** Western States **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 **Funding Source:** Western States **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

Owens, David MD, MS

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Western States **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** Aortic Valve Stenosis and Outcomes in the Cardiovascular Health Study **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

WASHINGTON

Rea, Thomas MD, MPH

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** Brain Oximetry during Cardiac Arrest **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

WASHINGTON

Rubinow, Katya BA, MD

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** Estrogen-mediated Remodeling of the HDL Particle **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

WASHINGTON

Soysa, Dilini Radika BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **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 **Funding Source:** Western States **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

Stempien-Otero, April MD

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** Collagen Turnover in End-Stage Heart Failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

WASHINGTON

Sun, Jie MD

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Western States **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 **Funding Source:** Western States **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

Tsui, Jonathan BS, ME

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** A Bioprinted 3D Human Cardiac Tissue Model for Drug-Induced Cardiotoxicity Screening **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

WASHINGTON

Watkins, David MD, MPH

Program Type: Strategically Focused Research Network **Funding Source:** Western States **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

Wright, Davene BS, PhD

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** Seattle Children's Hospital **City:** Seattle **Project Title:** Leveraging Incentives for Obesity Prevention **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,997

WASHINGTON

Zhao, Xue Qiao MD

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** University of Washington, Seattle **City:** Seattle **Project Title:** CAN PLAQUE CHARACTERISTICS AS ASSESSED BY CAROTID MRI PREDICT SUBSEQUENT CARDIOVASCULAR EVENTS? **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,909

WEST VIRGINIA

Devallance, Evan BA, MSc

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** West Virginia University - Health Sciences Center **City:** Morgantown **Project Title:** Effect of MetS on PVAT and its regulation of nitric oxide and aortic reactivity. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

WEST VIRGINIA

Hathaway, Quincy BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Funding Source:** Great Rivers **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 **Funding Source:** Great Rivers **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

Ren, Xuefang MBBS, MD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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

WISCONSIN

Ait-Aissa, Karima PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** Differential role of mitochondrial and nuclear telomerase activity in regulation of mitochondria and vascular function **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

WISCONSIN

Alvarez Baron, Claudia P. MD, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Midwest **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

Banla, Ismael BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** Role of Sortase A during GI colonization by *E. faecalis* **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

WISCONSIN

Bernau, Ksenija PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Wisconsin, Madison **City:** Madison **Project Title:** Targeting lung mesenchymal cells to ameliorate pulmonary fibrosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$99,112

WISCONSIN

Bukowy, John BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** Novel Computational Methods to Quantify Renal Blood Flow Distribution in Hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

WISCONSIN

Cai, Wenxuan BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **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 **Funding Source:** Midwest **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 **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

Cleland, Brice BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Marquette University **City:** Milwaukee **Project Title:** Exposing plasticity-related changes in brain activation during lower limb pedaling after stroke **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

WISCONSIN

Das, Rahul PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Midwest **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

Evans, Louise MSc, MSc

Program Type: Scientist Development Grant **Funding Source:** Midwest **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

Fites, J. Scott PhD, BS

Program Type: Postdoctoral Fellowship **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

Gupta, Kartik BSE, MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **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

Jung, Oisun MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Wisconsin, Madison **City:** Madison **Project Title:** Investigating a synergistic role of VEGFR2 and a4b1 integrin in the shed Sdc1 complex **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

WISCONSIN

Kadlec, Andrew BA

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** The effect of PGC-1a on dilation in the human microcirculation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

WISCONSIN

Kidambi, Srividya MBBS, MS

Program Type: Strategically Focused Research Network **Funding Source:** Midwest **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

Kotchen, Theodore MD

Program Type: Strategically Focused Research Network **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

Liang, Mingyu PhD, MB

Program Type: Strategically Focused Research Network **Funding Source:** Midwest **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: Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Wisconsin, Madison **City:** Madison **Project Title:** Thrombospondin-1 and Pathogenesis of Abdominal Aortic Aneurysm **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

WISCONSIN

Liu, Bo PhD

Program Type: Mentor-AHA Mentee Award **Funding Source:** Midwest **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

Mattson, David PhD

Program Type: Strategically Focused Research Network **Funding Source:** Midwest **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 **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

O'Meara, Caitlin PhD

Program Type: Scientist Development Grant **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

Pfister, Sandra PhD

Program Type: Grant-in-Aid **Funding Source:** Midwest **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** Estrogen and 15-HETE in Modulation of Vascular Function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$143,000

WISCONSIN

Proudfoot, Sarah BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Medical College of Wisconsin **City:** Milwaukee **Project Title:** Regulation of cholesterol transport by structural features in scavenger receptor-BI's transmembrane domains **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

WISCONSIN

Reilly, Louise PhD, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

Stafford, Joshua BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

Stein, James BS, MD

Program Type: Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Wisconsin, Madison **City:** Madison **Project Title:** Carotid Artery Displacement and Cardiovascular Disease Events: The Multi-Ethnic Study of Atherosclerosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,749

WISCONSIN

Wan, Jun BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Wisconsin, Madison **City:** Madison **Project Title:** Mad1 in atherosclerosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

WISCONSIN

Wang, Xinrui BA

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Marquette University **City:** Milwaukee **Project Title:** The Mechanism of Exercise-training Mediated Adaptations in Myocyte Repolarizing Current **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

WISCONSIN

Wesley, Umadevi PhD

Program Type: Grant-in-Aid **Funding Source:** Midwest **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 **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

Zhou, Chi PhD, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Wisconsin, Madison **City:** Madison **Project Title:** Roles of Novel preeclampsia-associated miR-29 in human endothelial functions **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

WISCONSIN

Zhou, Ting PhD, BS

Program Type: Postdoctoral Fellowship **Funding Source:** Midwest **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 **Funding Source:** Southwest **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

Guo, Wei BS, PhD

Program Type: Beginning Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Wyoming **City:** Laramie **Project Title:** The role of posttranslational modification of RBM20 in regulating titin isoform transition **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000