American Heart Association
Awardees in Alpha Order by State

Last Update: August 2018

SOUTH CAROLINA • SOUTH DAKOTA • TENNESSEE • TEXAS • UTAH • VERMONT
• VIRGINIA • WASHINGTON • WEST VIRGINIA • WISCONSIN • WYOMING

SOUTH CAROLINA

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

SOUTH CAROLINA

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

SOUTH CAROLINA

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

SOUTH CAROLINA

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

SOUTH CAROLINA

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

SOUTH CAROLINA

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

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

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

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

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

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

SOUTH CAROLINA  
Lench, Daniel BS  
Program Type: Predoctoral Fellowship  
Institution: Medical University of South Carolina  
City: Charleston  
Project Title: Frontal-striatal connectivity and motor recovery following stroke  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $53,688
SOUTH CAROLINA
Lipschutz, Josh MD
Program Type: Collaborative Sciences Award  Institution: Medical University of South Carolina  City: Charleston  Project Title: Genetic and Molecular Determinants of Bicuspid and Calcific Aortic Valve Disease  Award Start Date: 7/1/2017  Award End Date: 6/30/2020  Total Years: 3  Total Award Amount: $200,000

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

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

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

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

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

SOUTH CAROLINA
Simionescu, Dan PhD
Program Type: Collaborative Sciences Award  Institution: Clemson University  City: Clemson  Project Title:
Mechanistic Justification for Pentagalloyl Glucose Mediated AAA Suppression Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $19,500

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

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

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

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

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

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

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

SOUTH CAROLINA

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

SOUTH DAKOTA

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

Beavers, William BS, MS
Program Type: Postdoctoral Fellowship
Institution: Vanderbilt University
City: Nashville
Project Title:
Interrogating methionine sulfoxide reductases in S. aureus pathogenesis

**Award Start Date:** 7/1/2018  
**Award End Date:** 7/30/2020  
**Total Years:** 2  
**Total Award Amount:** $106,532

**TENNESSEE**

**Beckman, Joshua MD, MS**

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

**TENNESSEE**

**Beckman, Joshua MD, MS**

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

**TENNESSEE**

**Brown, Nancy MD**

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

**TENNESSEE**

**Burnette, Dylan PhD**

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

**TENNESSEE**

**Chen, Hung-Hsin MS**

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

**TENNESSEE**

**Choi, Hyehun BS, MS**

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

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

Galindo, Cristi PhD
Program Type: Innovative Project Award
Institution: Vanderbilt University Medical Center
City: Nashville
Project Title: Mechanisms and assessment of brain-derived neurotrophic factor (BDNF) as a
treatment for Duchenne cardiomyopathy  

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

**TENNESSEE**  

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

**TENNESSEE**  

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

**TENNESSEE**  

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

**TENNESSEE**  

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

**TENNESSEE**  

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

**TENNESSEE**  

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

**Major, Amy PhD, BS**

**Program Type:** Mentor-AHA Mentee Award  
**Institution:** Vanderbilt University Medical Center  
**City:** Nashville  
**Project Title:** 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

**Mathew, Sijo PhD**

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

TENNESSEE

**Mcatee, Caitlin PhD**

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

TENNESSEE

**Michaud, Gregory**

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

TENNESSEE

**Mohammed, Bassem BSC, PhD**

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

TENNESSEE

**Mosley, Jonathan BSC, MSc**

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

TENNESSEE

**Murray, Katherine MD**

**Program Type:** Strategically Focused Research Network  
**Institution:** Vanderbilt University  
**City:** Nashville  
**Project Title:** Murray Basic Project: Reactive lipid metabolites as mediators of AF susceptibility in clinical
and genetic risk models Award Start Date: 7/1/2018 Award End Date: 6/30/2022 Total Years: 4 Total Award Amount: $1,212,724

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

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

TENNESSEE

Wells, Quinn BS, PharmD
Program Type: Collaborative Sciences Award Institution: Vanderbilt University Medical Center City: Nashville Project Title: Identification of Genetic Variants Associated with Anthracycline-related
Cardiotoxicity 

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

TENNESSEE  

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

TENNESSEE  

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

TENNESSEE  

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

TEXAS  

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

TEXAS  

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

TEXAS  

**Alshbool, Fatima PharmD, PhD**  
**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Institution:** University of Texas, El Paso  
**City:** El Paso  
**Project Title:** Investigation of the Platelet 5HT2A and P2Y1 Receptors  
**Award Start Date:** 4/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $154,000
Amirthalingam Thandavarayan, Rajarajan PhD, MPH
Program Type: Innovative Project Award  Institution: Houston Methodist Research Institute  City: Houston  Project Title: Role of histone deacetylase in premature endothelial senescent cells  Award Start Date: 7/1/2018  Award End Date: 6/30/2020  Total Years: 2  Total Award Amount: $200,000

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

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

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

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

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

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

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

Carrillo Flores, Elisa BA, MSc
Program Type: Postdoctoral Fellowship Institution: The University of Texas Health Science Center at Houston City: Houston Project Title: Mechanism of allosteric communication in NMDA receptors Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532
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<th>Name</th>
<th>Program Type</th>
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<th>Award End Date</th>
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<td>Chakraborty, Sanjukta PhD</td>
<td>Scientist Development Grant</td>
<td>Texas A&amp;M University, College Station</td>
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<td>Role of microbiota dysbiosis on lymphatic dysfunction and progression of metabolic syndrome</td>
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<td>Chang, Audrey PhD, BS</td>
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<td>Cell signaling mechanisms to cardiac myosin phosphorylation</td>
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<td>Chang, Jiang PhD, MD</td>
<td>Innovative Project Award</td>
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<td>College Station</td>
<td>Establishment of an endogenous cardiac exosome tracking system</td>
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<td>Charoenphol, Phapanin PhD, MS</td>
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<td>Texas Engineering Experiment Station</td>
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<td>Engineering a multistage delivery system for intravascular administration of contrast agents in cardiovascular diseases</td>
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<td>Chaudhari, Kiran MBBS, MD</td>
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<td>University of North Texas Health Science Center, Fort Worth</td>
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<td>Metformin and vascular cognitive impairment</td>
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<td>Chen, Jie BA</td>
<td>Predoctoral Fellowship</td>
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<td>Rapid palmitoylation of signaling proteins in response to beta-adrenergic stimulation in cardiomyocytes</td>
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Center City: Dallas Project Title: Tuning astrogliosis to promote neural plasticity after stroke Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

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

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

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

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

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

TEXAS
Dhande, Isha PhD
Program Type: Postdoctoral Fellowship Institution: The University of Texas Health Science Center at Houston City: Houston Project Title: A genetic defect in macrophage calcium signaling predisposes to renal injury in hypertensive rats Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $110,456
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<td>Institute - Uncovering New Patterns Grant</td>
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<td>The Impact of Renal Dysfunction on Biological Mechanisms of Cardiovascular Disease: An Integrative Omics Study</td>
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<td>Established Investigator Award</td>
<td>The University of Texas at Austin</td>
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<td>Chronic imaging of post-stroke vascular remodeling</td>
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<td>Scientist Development Grant</td>
<td>Baylor College of Medicine, Houston</td>
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<td>The role of the gut microbiome in obstructive sleep apnea induced hypertension</td>
<td>7/1/2016</td>
<td>6/30/2019</td>
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<td>Eissa</td>
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<td>Transformational Project Award</td>
<td>Baylor College of Medicine, Houston</td>
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<td>Regulation of Inflammasome Activation by p38 MAPK</td>
<td>7/1/2018</td>
<td>6/30/2021</td>
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<td>Transformational Project Award</td>
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<td>AIBP-REGULATED HEMATOPOIESIS IN DEVELOPMENT AND CARDIOVASCULAR DISEASE</td>
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<td>University of Texas at San Antonio</td>
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<td>Mechanistic Justification for Pentagalloyl Glucose Mediated AAA Suppression</td>
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<td>Riddhiman</td>
<td>Predoctoral Fellowship</td>
<td>The University of Texas at Austin</td>
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<td>Humanized yeast as a tool to understand allelic variation and epistatic regulation affecting</td>
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cholesterol biosynthesis Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

TEXAS
Ge, Woo-Ping PhD, BS
Program Type: Innovative Research Grant Institution: University of Texas Southwestern Medical Center City: Dallas Project Title: Investigation of the role of smooth-muscle cells in ischemia with magnetic force Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $150,000

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

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

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

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

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

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

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

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

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

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

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

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**Howe, Matthew BS**  
**Program Type:** Predoctoral Fellowship  
**Institution:** The University of Texas Health Science Center at Houston  
**City:** Houston  
**Project Title:** The Role of Perivascular Fibrosis in Post-Stroke Glymphatic
Impairment Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $51,900

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

Liu, Chen PhD, BS
Program Type: Scientist Development Grant
Institution: University of Texas Southwestern Medical
City: Dallas
Project Title: Investigating the role of FoxO in cardiac fibrosis
Award Start Date: 4/1/2018
Award End Date: 3/31/2022
Total Years: 4
Total Award Amount: $1,042,800
Center **City:** Dallas  **Project Title:** PPARgamma in vagal neurons and the clinical effects of Thiazolidinediones  **Award Start Date:** 1/1/2016  **Award End Date:** 6/30/2020  **Total Years:** 4  **Total Award Amount:** $308,000

**TEXAS**

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

**TEXAS**

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

**TEXAS**

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

**TEXAS**

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

**TEXAS**

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

**TEXAS**

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

**Madungwe, Ngonidzashe BS**

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

TEXAS

**Mcconnell, Bradley PhD, BS**

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

TEXAS

**Meng, Shu PhD, MS**

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

TEXAS

**Meyer, Dylan BS**

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

TEXAS

**Michaely, Peter PhD, BS**

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

TEXAS

**Mitchell, Brett PhD**

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

TEXAS

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

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

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

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

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

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

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

Pinard, Amelie PhD

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

TEXAS

Pochynyuk, Oleh PhD

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

TEXAS

Prakash, Siddharth MD PhD

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

TEXAS

Ramalingam, Latha BS, MS

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

TEXAS

Rausch, Manuel PhD

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

TEXAS

Reese, Tiffany PhD, BS

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

TEXAS

Rego, Bruno BS, MSE

Program Type: Predoctoral Fellowship Institution: The University of Texas at Austin City: Austin Project
Title: Characterization of Patient-Specific Mitral Valve Remodeling to Improve Surgical Repair
Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

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

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

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

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

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

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

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

Selvaraj, Uma Maheswari MS
Program Type: Predoctoral Fellowship
Institution: University of Texas Southwestern Medical Center
City: Dallas  Project Title: Stroke induces protective neuronal autoreactive responses  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $53,688

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

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

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

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

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

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

**Tong, Qiang PhD, MS**

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

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TEXAS

**Trache, Andreea PhD**

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

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TEXAS

**Tucker, Wesley BS, MS**

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

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TEXAS

**Van Der Heijden, Meike BS**

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

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TEXAS

**Venna, Venugopal Reddy PhD**

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

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TEXAS

**Vijayan, Vinod PhD**

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

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TEXAS

**Vik, Steven BS, PhD**

**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Institution:** Southern Methodist University  
**City:** Dallas  
**Project Title:** Impact of Clinical Mutations on Assembly of the NADH-module of
Complex I Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

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

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

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

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

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

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

Wang, Zhao PhD, MS
Program Type: Innovative Research Grant Institution: University of Texas Southwestern Medical Center City: Dallas Project Title: Pathological cardiac remodeling: Role of de novo pyrimidine synthesis Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $150,000

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

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

TEXAS

Zheng, Lei PhD
Program Type: Transformational Project Award Institution: The University of Texas Health Science Center at Houston City: Houston Project Title: Elucidating structural basis of sodium/calcium exchanger
NCX essential for cardiac contractability **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** $300,000

**TEXAS**

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

**TEXAS**

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

**UTAH**

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

**UTAH**

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

**UTAH**

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

**UTAH**

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

**UTAH**

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

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

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

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

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

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

**UTAH**  
**Ozanne, Elissa PhD**  
**Program Type:** Strategically Focused Research Network  
**Institution:** University of Utah  
**City:** Salt Lake City  
**Project Title:** RED-AF: Randomized Evaluation of Decision Support Interventions for Atrial Fibrillation  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2022  
**Total Years:** 4  
**Total Award Amount:** $3,578,569
Panic, Vanja BS  
**Program Type:** Predoctoral Fellowship  
**Institution:** University of Utah  
**City:** Salt Lake City  
**Project Title:** Determining the mechanisms of insulin independent glucose uptake  
**Award Start Date:** 7/1/2017  
**Award End Date:** 12/30/2019  
**Total Years:** 2  
**Total Award Amount:** $53,688

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

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

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

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

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

Simcox, Judith PhD  
**Program Type:** Postdoctoral Fellowship  
**Institution:** University of Utah  
**City:** Salt Lake City  
**Project Title:** Cardiac energetics and the fate of acylcarnitines  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $110,456
Soboleva, Tatiana BS
Program Type: Predoctoral Fellowship Institution: Utah State University City: Logan Project Title: Carbon Monoxide and Cardioprotection, New Flavonol-based Molecular Tools Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

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

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

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

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

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

Yandell, Mark BA, PhD
Program Type: Strategically Focused Research Network Institution: University of Utah City: Salt Lake City Project Title: An integrated data-science, transcriptomics, and genomics approach to understanding
Complex CHD  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2021  
**Total Years:** 4  
**Total Award Amount:** $1,020,800

**UTAH**

**Zeng, Gengsheng PhD**

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

**UTAH**

**Zurita Rendon, Olga BSC, PhD**

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

**VERMONT**

**Ali, M. Yusuf PhD**

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

**VERMONT**

**Harraz, Osama PhD**

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

**VERMONT**

**Longden, Thomas BSC, PhD**

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

**VERMONT**

**Wellman, George PhD**

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

**VIRGINIA**

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

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

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

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

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

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

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

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

**Chen, Hong-Ru PhD**

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

**Cheng, Zhiyong PhD**

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

**Cherepanova, Olga PhD**

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

**Conway, Daniel PhD, BS**

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

**Costa, Blaise BS, MS**

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

**Devarakonda, Siva Teja BS**

**Program Type:** Predoctoral Fellowship  
**Institution:** Virginia Commonwealth University, Richmond  
**City:**
Richmond **Project Title:** Relaxin signaling in post myocardial infarction associated adverse remodeling  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020  
**Total Years:** 2 **Total Award Amount:** $53,688

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

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

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

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

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

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

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

**VIRGINIA**

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

**VIRGINIA**

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

**VIRGINIA**

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

**VIRGINIA**

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

**VIRGINIA**

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

**VIRGINIA**

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

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

**VIRGINIA**  

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

**VIRGINIA**  

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

**VIRGINIA**  

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

**VIRGINIA**  

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

**VIRGINIA**  

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

**VIRGINIA**  

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

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

VIRGINIA

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

VIRGINIA

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

VIRGINIA

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

VIRGINIA

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

VIRGINIA

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

VIRGINIA

Zuriaga Herrero, Maria PhD, BSC
Program Type: Postdoctoral Fellowship Institution: University of Virginia, Charlottesville City:
Charlottesville **Project Title:** Role of PCP signaling in adipose tissue architecture and fibrosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** $110,300

WASHINGTON

**Bernabeu, Maria PhD**

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

WASHINGTON

**Cabernard, Clemens PhD**

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

WASHINGTON

**Dong, Wenji MS, PhD**

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

WASHINGTON

**Dong, Wenji MS, PhD**

**Program Type:** Grant-in-Aid  
**Institution:** Washington State University, Pullman  
**City:** Pullman  
**Project Title:** Mechanistic roles of troponin, titin and MyBPC in sarcomere length-dependent function of cardiac 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  
**Institution:** University of Washington, Seattle  
**City:** Seattle  
**Project Title:** Sex-specific microglial signaling in the pathogenesis of obesity and diabetes  
**Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** $308,000

WASHINGTON

**Dougherty, Cynthia PhD, ARNP**

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

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

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

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

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

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

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

WASHINGTON
Lamprea-Montealegre, Julio MD, MPH
Program Type: Postdoctoral Fellowship  Institution: University of Washington, Seattle  City: Seattle  Project Title: The dyslipidemia of ESRD: role of triglyceride rich-lipoproteins and association with...
cardiovascular events. **Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2020  **Total Years:** 2  **Total Award Amount:** $122,960

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

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

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

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

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

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

**Shao, Dan PhD**

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

WASHINGTON

**Soysa, Dilini Radika BS, MS**

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

WASHINGTON

**Stamatikos, Alexis BS, MS**

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

WASHINGTON

**Sun, Jie MD**

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

WASHINGTON

**Tanner, Bert PhD, BS**

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

WASHINGTON

**Wang, Dennis PhD, MD**

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

WASHINGTON

**Wang, Wang PhD, MD**

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

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

WASHINGTON

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

WASHINGTON

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

WASHINGTON

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

WASHINGTON

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

WASHINGTON

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

WEST VIRGINIA

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

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

WEST VIRGINIA

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

WEST VIRGINIA

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

WEST VIRGINIA

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

WEST VIRGINIA

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

WEST VIRGINIA

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

WISCONSIN

Alvarez Baron, Claudia P, MD, PhD
Program Type: Postdoctoral Fellowship Institution: University of Wisconsin, Madison City: Madison
**Project Title:** Mechanisms of c-AMP regulation of HCN channel isoforms  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $110,300

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

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

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

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

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

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

_Dasinger, John Henry MS, PhD_

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

WISCONSIN

_Evans, Louise MSc, MSc_

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

WISCONSIN

_Fehrenbach, Daniel BS_

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

WISCONSIN

_Fites, J. Scott PhD, BS_

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

WISCONSIN

_Glukhov, Alexey BS, MSc_

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

WISCONSIN

_Goss, Kara MD_

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

WISCONSIN

_Gupta, Kartik BSE, MS_

**Program Type:** Predoctoral Fellowship  
**Institution:** University of Wisconsin, Madison  
**City:** Madison  
**Project Title:** PKCd mediated serine phosphorylation of STAT3 worsens abdominal aortic aneurysm by enhancing RIP3 expression & necrosis  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $53,688
Kang, Junsu PhD
Program Type: Scientist Development Grant Institution: University of Wisconsin, Madison City: Madison Project Title: Unraveling the regulatory mechanisms of cardiac regeneration enhancer Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

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

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

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

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

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

Lee, Changhwan PhD
Program Type: Postdoctoral Fellowship Institution: University of Wisconsin, Madison City: Madison
Project Title: Quantitative understanding of Notch defects causing congenital heart defects and stroke  
Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $114,368

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

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

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

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

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

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

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

WISCONSIN

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

WISCONSIN

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

WISCONSIN

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

WISCONSIN

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

WISCONSIN

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

WISCONSIN

Reilly, Louise PhD, MS
Program Type: Postdoctoral Fellowship  Institution: University of Wisconsin, Madison  City: Madison  Project Title: Arrhythmia mechanisms in KCNJ2-related CPVT  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $106,532
WISCONSIN
Smith, Brian BS, PhD
Program Type: Scientist Development Grant  
Institution: Medical College of Wisconsin  
City: Milwaukee  
Project Title: Direct and Epigenetic Control of Metabolism through Protein S-nitrosation  
Award Start Date: 7/1/2015  
Award End Date: 6/30/2019  
Total Years: 4  
Total Award Amount: $308,000

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

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

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

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

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

WISCONSIN
Yamanouchi, Dai MD PhD
Program Type: Grant-in-Aid  
Institution: University of Wisconsin, Madison  
City: Madison  
Project Title: Osteoclastogenic Macrophage Activation in Aortic Aneurysm  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000
WISCONSIN
Yu, Deyang BS
Program Type: Predoctoral Fellowship Institution: University of Wisconsin, Madison City: Madison
Project Title: The Role of Adipose mTORC2 in Lipid Metabolism and Cardiovascular Disease Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $51,900

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

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

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

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

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