

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

Predoctoral Fellowship

Abou Merhi, Sara BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** SUNY Downstate Medical Center **City/State:** Brooklyn, NY **Project Title:** Role of miR-30c in lipid metabolism and use of its mimic as a novel safe agent to treat cardiovascular diseases **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Abshire, Elizabeth BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** The Molecular Basis for Regulation of Obesity by Nocturnin, a Human 3' ' 5' Exoribonuclease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Acoba, Michelle Grace BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** A Molecular Understanding of Sengers Syndrome **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Ahern, Katelyn BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City/State:** Charlottesville, VA **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

Ahn, Sung Ji MS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Cornell University, Ithaca **City/State:** Ithaca, NY **Project Title:** Quantifying the response of inflammatory cells and neurons after cortical microhemorrhage using in-vivo imaging **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Alba, Billie BS, BA

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Pennsylvania State University, University Park **City/State:** University Park, PA **Project Title:** Mechanisms of neurovascular dysfunction in psoriasis patients **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Albertolle, Matt BS

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

Aliotta, Eric BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Cardiac Diffusion Weighted MRI for Infarct Evaluation Without Contrast **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Al-Shaar, Laila BSC, MSc

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Harvard School of Public Health **City/State:** Boston, MA **Project Title:** BMI and physical activity in relation to Outcomes after Myocardial Infarction-Analysis of two prospective cohort studies **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Andraski, Allison BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Harvard School of Public Health **City/State:** Boston, MA **Project Title:** Apolipoprotein A-IV function on HDL in humans: metabolism, proteomics, and cholesterol efflux across HDL size **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Annamdevula, Naga Srilakshmi BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of South Alabama, Mobile **City/State:** Mobile, AL **Project Title:** Spatial distribution of PDE4 isoforms regulates cAMP compartmentalization and endothelial barrier permeability in PMVECs **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Ata, Hirotaka BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Mayo Clinic, Rochester **City/State:** Rochester, MN **Project Title:** Heart-specific gene knock-out zebrafish generation as a

platform for future large scale drug repositioning studies **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Atawia, Reem BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** Role of arginase in obesity-induced vascular endothelial and adipocyte dysfunction **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Balmuth-Loris, Zachary BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** Application of P7C3 A20 to Improve Histopathological and Behavioral Outcomes following Focal Cerebral Ischemia. **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Banla, Ismael BS

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

Bartman, Colleen BA

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City/State:** Denver, CO **Project Title:** The role of intense light in hypoxic cardiac metabolism **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Basu, Urmimala MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Mechanism and regulation of human mitochondrial DNA transcription **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Bethel, Neville BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Understanding mechanisms of lipid scrambling and ion conduction in TMEM16 proteins **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Bhattacharya, Asmita BSE

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Cornell University, Ithaca **City/State:** Ithaca, NY **Project Title:** Sel1L-Hrd1 mediated ERAD regulates cholesterol homeostasis in liver via degradation of HMG-CR **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Bhattacharyya, Samadrita MSc

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **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

Binder-Markey, Benjamin BSE

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** The Effects of Musculoskeletal Adaptations Versus Neural Deficits on Hand and Wrist Function in Individuals with Stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Blackwood, Erik BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** San Diego State University Research Foundation **City/State:** San Diego, CA **Project Title:** The Adaptive Cardiac Sensor, ATF6, Regulates ANP Secretion and Decreases Hypertensive Stress **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Bogorad, Maxim BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University **City/State:** Baltimore, MD **Project Title:** In Vitro Vasculature for Investigating Mechanisms of Neutrophil Induced Capillary No-Reflow in Ischemia Reperfusion **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Brindise, Melissa BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Purdue University, West Lafayette **City/State:** West Lafayette, IN **Project Title:** Assessing the Growth and Rupture of Cerebral Aneurysms Using 4D PIV and PC-MRI **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Bukowy, John BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Medical College of Wisconsin **City/State:** Milwaukee, WI **Project Title:** Novel Computational Methods to Quantify Renal

Blood Flow Distribution in Hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018
Total Years: 2 **Total Award Amount:** \$51,900

Cai, Xiaoying BS

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

Cai, Wenxuan BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Wisconsin, Madison **City/State:** Madison, WI **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

Cao, Danting MBBS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** National Jewish Health **City/State:** Denver, CO **Project Title:** Function of Pulmonary EMP miRNAs Released by Smoking **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Cenik, Bercin MD

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

Cervantes, Marlene BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Irvine **City/State:** Irvine, CA **Project Title:** Circadian Regulation of Antioxidant Enzymes: Effects on Cardiac Oxidative Stress **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Chabowski, Dawid BA

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Medical College of Wisconsin **City/State:** Milwaukee, WI **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

Chan, Michelle BSN

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Irvine **City/State:** Irvine, CA **Project Title:** Exploring the gut microbiota role in post-stroke depression and rehabilitation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Chapp, Andrew BS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Michigan Technological University, Houghton **City/State:** Houghton, MI **Project Title:** Acetate as an Active Metabolite of Ethanol: Neural and Cardiovascular Implications **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Chaudhary, Parul MBBS

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

Chelvanambi, Sarvesh BA, MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Indiana University, Indianapolis **City/State:** Indianapolis, IN **Project Title:** Role of HIV-1 Nef in Endothelial Cell Dysfunction **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Chen, Yang BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Mayo Clinic, Rochester **City/State:** Rochester, MN **Project Title:** BUNP: a novel diuretic for heart failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Chen, Anzhi BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City/State:** Durham, NC **Project Title:** Regulatory Mechanisms of Zebrafish Heart Regeneration **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Chen, Si MS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** The Role of PDE10A in Pathological Cardiac Remodeling and Dysfunction **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Chen, Minna BSE

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Pennsylvania **City/State:** Philadelphia, PA **Project Title:** Optimizing material and flow properties of guest-host hydrogels for injectable cell and growth factor delivery **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Cheng, Karen BA

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** The role of VASP clustering in regulating the actin cytoskeleton **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Cho, Kyuwon MS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** The role of Cbx7 as a pivotal epigenetic barrier to cell cycle reentry of postnatal cardiomyocytes **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Choi, Hee Sun BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Role of group 2 innate lymphoid cells in eosinophilic pericarditis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Choi, Minjung BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City/State:** Durham, NC **Project Title:** Investigation of Beta2-adrenergic receptor structure in complex with Beta-arrestin1 by Electron Paramagnetic Resonance. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Choudhury, Songita BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Nebraska Medical Center, Omaha **City/State:** Omaha, NE **Project Title:** Determining myocardial infarction size using extravascular ultrasound contrast **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Christensen, Tova BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of

Colorado, Boulder **City/State:** Boulder, CO **Project Title:** The Role of the Cardiac Fibroblast Secretome in Fibrosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Chung, Jae BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University, Stanford **City/State:** Stanford, CA **Project Title:** Mechanistic Dissection of the INO80 Chromatin Remodeler in Ventricular Compaction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Chung, Jae-Hoon BA

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** The Ohio State University **City/State:** Columbus, OH **Project Title:** Effect of Frequency Modulation on Cross-bridge Cycling Kinetics and Calcium Sensitivity in Heart Failure **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Clark, Lindsay BS

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

Cleland, Brice BS, MS

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

Coates, Sydney BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City/State:** Denver, CO **Project Title:** The vasoactive role of adenosine monophosphate kinase in high altitude pregnancy **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Coleman, Ryan BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** INVESTIGATING AN N-TERMINAL PEPTIDE OF GRK5 AS A NOVEL THERAPY FOR HEART FAILURE **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Collins, Kerrie BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** Septins regulate Src mediated podosome formation and matrix degradation. **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Colomer Winter, Cristina BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** Significance of Manganese Homeostasis to Enterococcus faecalis Systemic Infections **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Corbett, Karen BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Florida State University **City/State:** Tallahassee, FL **Project Title:** Simulation Study of Thioredoxin Ionization **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Corbitt, Holly BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** Oregon Health & Science University, Portland **City/State:** Portland, OR **Project Title:** The role of a critical primary cilium component, CEP290, in Down syndrome-associated atrioventricular septal defects **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Cui, Xinyuan BS

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

Cunningham, Christine BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Sex differences in pulmonary hypertension: protection by the Y chromosome **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Dale, Bethany BA, MS

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

University **City/State:** Nashville, TN **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

Davis, Ryan BS, MSc

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Wake Forest University **City/State:** Winston Salem, NC **Project Title:** Role and regulation of TREX1 in degrading dsDNA **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Davis-Knowlton, Jessica BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Tufts University, Boston **City/State:** Boston, MA **Project Title:** The Role of Notch Signaling in Vascular Occlusive Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Deason, Krystin BS, MS

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

Demarco, Kevin BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City/State:** Davis, CA **Project Title:** Prediction of Antiarrhythmic Drug Access and Binding to Human Nav1.5 **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Devallance, Evan BA, MSc

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

Dou, Huijuan BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** Role of Caveolin-1 in age-related activation of ADAM17 in the adipose tissue endothelium **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Downs, Kevin BS, MS

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

Drizyte, Kristina BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Mayo Clinic, Rochester **City/State:** Rochester, MN **Project Title:** Regulation of Lipid Droplet Catabolism by GTPases During Autophagy- and Mitochondria-Driven Pathways **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Ducasa, Gloria BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** The role of ABCA1 and SOAT1 in Diabetic Kidney Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Easley, Thomas BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Georgia Tech Research Corporation **City/State:** Atlanta, GA **Project Title:** Quantification of Mitral Valve-In-Ring Performance and Safety **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

El, Kimberley BA

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Indiana University, Indianapolis **City/State:** Indianapolis, IN **Project Title:** Mitogen-inducible Gene 6 Accelerates Beta Cell Destruction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Ely, Brett MS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Oregon, Eugene **City/State:** Eugene, OR **Project Title:** Chronic Passive Heat Exposure as a Means to Improve Cardiometabolic Health in Obese Women **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Eshaq, Randa BS, MA

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Louisiana State University Health Sciences Center Shreveport **City/State:** Shreveport, LA **Project Title:** Platelet

Endothelial Cell Adhesion Molecule-1 (PECAM-1) loss in diabetic retinopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Estrada, Ana BS

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

Farber, Gregory BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Weill Medical College of Cornell University **City/State:** New York, NY **Project Title:** The Role of Endothelial cell ADAM10/Notch Signaling in the Development of the Coronary Vascular Niche **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Fernandez Esmerats, Joan BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Georgia Tech Research Corporation **City/State:** Atlanta, GA **Project Title:** Role of miR-1237-3p in aortic valve disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Fernando, Charmain BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Missouri, Columbia **City/State:** Columbia, MO **Project Title:** Capillary Perfusion and Vasomotor Control in Regenerating Skeletal Muscle **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Finnell, Julie BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of South Carolina, Columbia **City/State:** Columbia, SC **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

Finney, Alexandra BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Louisiana State University Health Sciences Center Shreveport **City/State:** Shreveport, LA **Project Title:** EphA2 Mediates Vascular Smooth Muscle Fibroproliferative Response in Vascular Remodeling **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Fleming, Nicole BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Hypertrophic cardiomyopathy in trabeculae-deficient zebrafish heart **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Frank, Sarah BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Berkeley **City/State:** Berkeley, CA **Project Title:** Improved Processing of Color-Doppler Ultrasound Data for Assessment of Blood Flow in the Heart **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Freeman, Julianne BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** Targeting motor areas for customized transcranial magnetic stimulation in motor rehabilitation treatment of stroke **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Full, Kelsie BA, MPH

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Sleep and cardiovascular disease: a prospective examination of objectively measured sleep in a diverse cohort of women **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Gajeton, Jasmine BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** Role of miR-467 pathway in regulation of macrophage functions, inflammation, and insulin resistance. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Gerassimov, Nathalie BA

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Mechanistic Study of Dynammin in Drosophila Myoblast Fusion **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Gerlach, Brennan BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Albany Medical College **City/State:** Albany, NY **Project Title:** The role of Glia Maturation Factor gamma in smooth

muscle cell migration **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Gibb, Andrew BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Louisville **City/State:** Louisville, KY **Project Title:** Metabolic Regulation of Myocardial Adaptations to Exercise **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Gokhale, Nandan BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City/State:** Durham, NC **Project Title:** Understanding the role of N6-methyladenosine in hepatitis C virus infection **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Gong, Jingqi BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** Combining experiments with mathematical modeling to predict drug responses across cell types **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Graham, Sarah BS, MA

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Interactions between posture and locomotion during poststroke walking **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Grande Gutierrez, Noelia BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University, Stanford **City/State:** Stanford, CA **Project Title:** Hemodynamic based thrombotic risk stratification in Kawasaki disease patients with coronary artery aneurysms **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Grayczyk, James BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Loyola University Chicago **City/State:** Chicago, IL **Project Title:** Staphylococcus aureus suppression of immune responses via metabolic cofactors **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Gross, Polina BSC

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Temple University
City/State: Philadelphia, PA **Project Title:** Inhibition of cardiac TRPC6 channel contributes to
attenuation of post myocardial infarction remodeling **Award Start Date:** 7/1/2016 **Award End Date:**
6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Guenther, Caitlin BSE

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

Gupta, Kartik BSE, MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of
Wisconsin, Madison **City/State:** Madison, WI **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

Guzzetta, Alexander BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Chicago
City/State: Chicago, IL **Project Title:** Hedgehog signaling controls gene regulatory networks for early
cardiovasculogenesis **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total
Award Amount:** \$51,900

Hagan, Andrew BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Washington University,
School of Medicine **City/State:** Saint Louis, MO **Project Title:** REGULATION OF FIBROBLAST
GROWTH FACTOR 9 & DELINEATION OF THE FGF9 SIGNALING RESPONSE DURING LUNG
DEVELOPMENT **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total
Award Amount:** \$52,000

Hammerling, Babette BA

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of
California, San Diego **City/State:** La Jolla, CA **Project Title:** Role of the Endosomal-Lysosomal
Pathway in Cellular Quality Control **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total
Years:** 2 **Total Award Amount:** \$50,000

Hathaway, Quincy BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** West Virginia
University - Health Sciences Center **City/State:** Morgantown, WV **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

Hayward, Amanda BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Molecular Basis of Polycystin-1 Mechanosensing in the Cardiovascular System **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Herman, Allison

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** Role of FXR1 and mRNA stability in vascular disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Himelman, Eric BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Genetic Rescue of Connexin 43 Lateralization in DMD-induced Cardiomyopathy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Holdbrooks, Andrew BS, AS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Novel mechanism of TNFR1 regulation in macrophage apoptosis and atherogenesis **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$51,900

Holloway, Ben BS

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

Howe, Matthew BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** The University of Texas Health Science Center at Houston **City/State:** Houston, TX **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

Jacobsen, Nicole BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City/State:** Tucson, AZ **Project Title:** Phosphorylation-dependent regulation of Cx37-mediated vascular growth and remodeling **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Janczura, Karolina BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** Role of Histone Deacetylase 3 in Alzheimer's Disease. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Jatkar, Aditi MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Harvard School of Public Health **City/State:** Boston, MA **Project Title:** Mechanisms coordinating de novo lipogenesis with triglyceride synthesis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Jaykumar, Ankita Bachhawat BS, MSc

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Wayne State University **City/State:** Detroit, MI **Project Title:** Role of ALMS1 in NKCC2 endocytosis and NaCl reabsorption in the thick ascending limb **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Jeong, Yong BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** Absolute Quantification of Corrected 3D Perfusion for MR Imaging of Stroke **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Ji, Sung G BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Irvine **City/State:** Irvine, CA **Project Title:** Mitochondrial Zn²⁺ accumulation in ischemic neuronal injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Jung, Oisun MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Wisconsin, Madison **City/State:** Madison, WI **Project Title:** Investigating a synergistic role of VEGFR2

and a4b1 integrin in the shed Sdc1 complex **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017
Total Years: 2 **Total Award Amount:** \$52,000

Kadlec, Andrew BA

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

Kalita, Cynthia BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Wayne State University **City/State:** Detroit, MI **Project Title:** Deciphering functional mechanisms for non-coding genetic variants associated with CVD **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Karasik, Agnes MSc

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** The Henry M Jackson Foundation for the Advancement of Military Medicine **City/State:** Bethesda, MD **Project Title:** 5' tRNA processing in the mitochondria and its potential connection with mitochondria related heart diseases **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Kattula, Sravya BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Contribution of Plasma and Platelet Factor XIII to Venous Thrombosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Kauss, Mara BA

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** Gladstone Institute, San Francisco **City/State:** San Francisco, CA **Project Title:** The Influence of the Fetal Cardiac Extracellular Matrix on Cardiomyocyte Proliferation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Keleher, Madeline BS, BA

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Washington University **City/State:** Saint Louis, MO **Project Title:** The effect of maternal over-nutrition on obesity, epigenetics, and gene expression **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Keller, Alexander BS

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

Keller, Thomas BS

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

Kelly-Goss, Margaret BS, MS

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

Keshavarzian, Mazyar BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas, Dallas **City/State:** Richardson, TX **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

Khosravi, Ramak BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Computational Model-Driven Design of Tissue Engineered Vascular Grafts **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Khoury, Nathalie BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** Elucidating the mechanism behind the long-term cerebral ischemic tolerance mediated by resveratrol preconditioning **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Kim, Hyun-Jung MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of

Miami, Miami **City/State:** Coral Gables, FL **Project Title:** Role of GTPase MTG1 in Mitochondrial Translation and Heart Disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Kim, Andrew BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Cincinnati Children's Hospital Medical Center **City/State:** Cincinnati, OH **Project Title:** Snai1 function in EndMT and myxomatous valve disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Kim, Soo Young BS

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

Kimball, Ian BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City/State:** Davis, CA **Project Title:** Structural determinants of voltage-gated sodium channel modulation by peptide toxins **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Koo, Suejie BS

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

Krieger, Jack BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Georgia Tech Research Corporation **City/State:** Atlanta, GA **Project Title:** Spatiotemporal regulation of monocyte recruitment and vascularization using heparin hydrogels **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Krolikoski, Mia BA

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Pennsylvania **City/State:** Philadelphia, PA **Project Title:** The Effect of Arterial Stiffness on Macrophage Polarization and Plasticity **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Kumar, Mohit MS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Cincinnati **City/State:** Cincinnati, OH **Project Title:** Role(s) of myosin binding protein-C phosphorylation in cardiac arrhythmias **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Kuo, Che-Ying BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Maryland **City/State:** College Park, MD **Project Title:** Mechanisms of Trophoblast Invasion and Vascular Remodeling in Preeclamptic Pregnancy using a Dynamic Bioprinted Placenta **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Kurokawa, Yosuke BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Washington University **City/State:** Saint Louis, MO **Project Title:** Tissue Engineering an Advanced Cardiac Drug Screening Platform: The Role of Vascular Co-culture **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Kutyavin, Vassily BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** The Role of IL-33 in Brown Adipose Tissue Metabolism and Thermogenesis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Kuwabara, Jill BA

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Hawaii - John A. Burns School of Medicine **City/State:** Honolulu, HI **Project Title:** Role of cardiac fibroblasts in regulating myocyte and endothelial cell function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Lafavers, Kaice BS, MPH

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Indiana University, Indianapolis **City/State:** Indianapolis, IN **Project Title:** The role of a novel dense granule protein in calcium-dependent signaling in *Toxoplasma gondii* **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Lambert, Jonathan BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Temple University

City/State: Philadelphia, PA **Project Title:** Defining the molecular function of MCUB and contribution to cardiac physiology **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Lawson, Reed BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Wake Forest University **City/State:** Winston Salem, NC **Project Title:** Structure-Function Studies of Human Peroxiredoxin 3: a Unique Mitochondrial Antioxidant for Heart Health **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Le, Victoria BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** The University of Texas at Austin **City/State:** Austin, TX **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

Lee, Bo Hyun MS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City/State:** Davis, CA **Project Title:** Acid-induced activation of nociceptor TRPV1 **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Lefferts, Wesley BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Syracuse University **City/State:** Syracuse, NY **Project Title:** Effects of aerobic exercise on cerebrovascular and cognitive function in hypertensive adults **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Lei, Yuk Man BA

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Chicago **City/State:** Chicago, IL **Project Title:** The Role of Microbiota in Allograft Rejection **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Lemke, Stefan BA

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Beyond cortex: establishing the role of subcortical structures in motor recovery after stroke **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Lench, Daniel BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Medical University of South Carolina **City/State:** Charleston, SC **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

Lever, Jeremie BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Myeloid Expression of Heme Oxygenase-1 in the AKI to CKD Transition **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Li, Xueyi MS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** Epigenetic Regulation of Galectin-3 in Pulmonary Hypertension **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Li, Bian BS, MS

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

Liang, Raymond BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** FOXO3 regulation of red blood cell enucleation and maturation **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Liu, Yujia BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Interplay Between AKAP1-scaffolded Calcineurin&PKA in Mitochondrial Fragmentation and Post-ischemic Neuronal Survival **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Lombardi, Alyssa BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** Novel targets to inhibit programmed necrosis in ischemia-

reperfusion injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Lou, Liping PhD, BSE

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Control of the Mg-permeant Ion Channels by PDZ Scaffold NHERF Proteins **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Louka, Panagiota BS, MSc

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Georgia, Athens **City/State:** Athens, GA **Project Title:** Identification and Characterization of Ciliary Tip Proteins **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Lu, Shan BS, MSc

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City/State:** Davis, CA **Project Title:** The Role of MCU/MCUB in Cardiac Mitochondrial Ca²⁺ regulation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Lu, Haocheng MD

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Michigan Medical Center **City/State:** Ann Arbor, MI **Project Title:** The protective role of Transcription Factor EB in atherosclerosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Lu, Xinran BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** A microfluidic platform to quantify the combined effects of rheology and endothelial adhesion in sickle cell disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Ly, Thu AS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** Washington State University, Pullman **City/State:** Pullman, WA **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

Mahamud, Riaj BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Oklahoma Health Sciences Center **City/State:** Oklahoma City, OK **Project Title:** Role of Gata2 in Lymphatic Vascular Development **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Makaju, Aman BSC

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

Maliken, Bryan BA

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Cincinnati Children's Hospital Medical Center **City/State:** Cincinnati, OH **Project Title:** Cardiovascular Impact of Gata4 Loss in the c-Kit Lineage **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Manheimer, Kathryn BA

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** Uncovering the genetic architecture of congenital heart disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Marcum, Ryan BS, MSc

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Northwestern University, Evanston **City/State:** Evanston, IL **Project Title:** Structural Studies of Histone Deacetylase Recruitment to the Sin3L/Rpd3L Corepressor Complex **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Markovitz, Amanda BS, MPH

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Harvard School of Public Health **City/State:** Boston, MA **Project Title:** Preterm Delivery and Maternal Cardiovascular Disease Risk in the HUNT Study **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Marziano, Corina BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City/State:** Charlottesville, VA **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

Matasic, Daniel BS, MBA

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Post-Translational Modification Crosstalk in Cardiac Sodium Channels and Arrhythmogenesis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Mauro, Adolfo MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Virginia Commonwealth University, Richmond **City/State:** Richmond, VA **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

Mccann, Maximilian BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** Emc10, a novel circulating factor, regulates beta-cell mass and adipocyte metabolism **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

McMahon, Sarah BA

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** Gladstone Institute, San Francisco **City/State:** San Francisco, CA **Project Title:** Transcription Factor Acetylation Regulates BRD4 Dynamics During Innate Immune Activation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Medley, Shayna BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Oklahoma Health Sciences Center **City/State:** Oklahoma City, OK **Project Title:** Stat1-mediated fibroprotection downstream of PDGF signaling **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Meyer, Dylan BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** Texas Tech University Health Sciences Center, Lubbock **City/State:** Lubbock, TX **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

Molaei, Maral BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** Texas AgriLife Research **City/State:** College State, TX **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

Mondesir, Favel BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Exploring the relationship of pharmacy access and pharmacy density with cardiovascular medication adherence **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Montefiori, Lindsey BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Chicago **City/State:** Chicago, IL **Project Title:** Elucidation of long-range gene regulation during cardiomyocyte development **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Monteiro, Cecilia MD

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** Scripps Research Institute **City/State:** La Jolla, CA **Project Title:** Understanding Transthyretin Amyloidogenesis in Humans **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Mukhitov, Nikita BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Florida State University **City/State:** Tallahassee, FL **Project Title:** Role of Pancreatic Hormone Pulsatility on the Hepatic Cellular State: Implications on Glucose and Lipoprotein Regulation **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Nelson, Tyler BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Georgia Tech Research Corporation **City/State:** Atlanta, GA **Project Title:** The effects of diet induced obesity on lymphatic function and therapeutic intervention in lymphedema progression **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Nelson, Sarah BA

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Structural effects of arrhythmia

mutations on the calmodulin-RyR complex **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017
Total Years: 2 **Total Award Amount:** \$52,000

Nelson, James BS

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

Nemani, Neeharika BSE, MS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** Molecular Determinant of Ca²⁺-induced Mitochondrial Phenotypic Changes **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Neuber, Johanna BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Old Dominion University **City/State:** Norfolk, VA **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

Nguyen, Huynh Nga BS, BA

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

Nissanka, Nadee ME, BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** Imaging mitochondrial signaling in real-time with fluorescent biosensors **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Ong, Chin Siang MBBS, MBBS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Novel Stem Cell Therapy for Heart Failure Using 3D Printed Cardiac Tissue **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Osinski, Victoria BS

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

Ostendorf, Danielle MS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City/State:** Denver, CO **Project Title:** Objective Validation of Amount of Physical Activity Required For Long-term Weight Loss **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Panic, Vanja BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Utah **City/State:** Salt Lake City, UT **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

Papp, Stephanie BA

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** Scripps Research Institute **City/State:** La Jolla, CA **Project Title:** Mechanisms of Circadian Protection Against Heart Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Patel, Divya BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Maryland, College Park **City/State:** College Park, MD **Project Title:** Engineering Extracellular Vesicles for Therapeutic Vascularization **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Patel, Chandni BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Wayne State University **City/State:** Detroit, MI **Project Title:** Targeting Aspartate Transcarbamoylase in *P. aeruginosa* and *S. aureus*: A Novel Therapeutic Approach for Sepsis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Pedde, Meredith BA, MPA

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Long-Term Coarse Particulate Matter Exposure as a Risk

Factor for Cardiovascular Disease: Evidence from MESA **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Pedersen, Drake BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Micro-Architecture Manipulation in the Development of Microfibrillar Heart Valve Scaffolds **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Pellowe, Amanda MS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Elucidating the Role of Microvascular Inflammation in Integrin Mediated Pericyte to Myofibroblast Transition. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Perry, Nicole BS, BA

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

Perschbacher, Katherine BA

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Molecular Mechanisms of RGS2 in Preeclampsia **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Pham, Grace MS

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

Piety, Nathaniel

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

Pipathsouk, Anne BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Investigating a template for actin organization in leukocytes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Poganik, Jesse BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Cornell University, Ithaca **City/State:** Ithaca, NY **Project Title:** Posttranscriptional Redox Regulation in Cardiovascular Disease at the Whole-Transcriptome Scale **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Postema, Meagan BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University **City/State:** Nashville, TN **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

Price, Andrew BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University, Stanford **City/State:** Stanford, CA **Project Title:** Role of desmoplakin in maintaining mechanical integrity at cell-cell adhesions **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Proudfoot, Sarah BS

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

Puchades Garcia, Cristina MSc

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** Scripps Research Institute **City/State:** La Jolla, CA **Project Title:** Elucidating the structural mechanisms that govern activity and stability of mitochondrial ATPase YME1L **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Pulos, Mia BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Berkeley **City/State:** Berkeley, CA **Project Title:** Alternative Translational Regulation of

Ferritin Expression via eIF3 During Reperfusion **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Purkey, Alicia BA

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Colorado Denver **City/State:** Denver, CO **Project Title:** Regulation of N-cadherin postsynaptic localization by AKAP79/150 **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Ramadhin, Jessica BA

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Georgia Research Foundation, Inc. **City/State:** Athens, GA **Project Title:** Natural Human Milk Sugar, LNFPIII, as a Therapeutic for Obesity & Metabolic Syndrome **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Ramms, Bastian BSc, MSc

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Impact of apolipoproteinC-III on lipoprotein-receptor interaction and atherosclerosis regression **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Ray, Mitali BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** Pro-angiogenic, anti-atherosclerotic effects of Interleukin-19 **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Rhoads, Megan BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Sympathetic Nerve Activity and T-Lymphocytes in Spontaneously Hypertensive Caribbean Vervets **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Richter, Jenna BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Understanding the role of specific Wnt pathway components in hematopoietic stem cell development **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Rickel, Robert BSE, MSE

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

Rinehold, Kaitlyn BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** NYU Medical Center **City/State:** New York, NY **Project Title:** Long non-coding RNA regulation of inflammation **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Robinson-Hamm, Jacqueline BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City/State:** Durham, NC **Project Title:** Genome engineering for Duchenne muscular dystrophy **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Ruan, Linhao BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Understanding the mechanisms of Mitochondria as Guardian in Cytosol **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Ruegsegger, Gregory BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Missouri, Columbia **City/State:** Columbia, MO **Project Title:** Epigenetic mechanisms determining the motivation to be physically active **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Sandgren, Jeremy BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Vascular mechanisms of vasopressin action in a novel mouse model of preeclampsia **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Sawicki, Elizabeth BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Illinois, Champaign-Urbana **City/State:** Urbana, IL **Project Title:** Mechanisms of Enhanced Neuroprotection in Ischemic Stroke by Intranasal Gelatin Nanoparticles **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Sayed Razavi Rizi, Mohammad MS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Georgia Tech Research Corporation **City/State:** Atlanta, GA **Project Title:** Quantifying the role of mechanical-overloads in maladaptive growth and remodeling of collecting lymphatic vessels. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Schickling, Brandon BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** MicroRNA Regulation of Smooth Muscle Nox4 in Vascular Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Schwan, Jonas MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Using Engineered Heart Tissues to investigate the role of truncated cMyBP-C Mutations in Hypertrophic Cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Schwartz-Duval, Aaron BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Illinois, Champaign-Urbana **City/State:** Urbana, IL **Project Title:** Hyperbranched gold nano-polyvilli for early detection and post-op analysis of atherosclerotic plaques **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Scott, Larry BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **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

Seidman, Jason MA, BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Coronin 2A as a Transcriptional Regulator in Macrophages **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Seimetz, Joe BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Illinois,

Champaign-Urbana **City/State:** Urbana, IL **Project Title:** Investigating the unexpected role of nuclear poly(A) binding protein (PABPN1) in cardiac growth and hypertrophy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Selvaraj, Uma Maheswari MS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Texas Southwestern Medical Center **City/State:** Dallas, TX **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

Senders, Max BS, MSc

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** Integration of classical and contemporary views on atherosclerosis using highly innovative PET/MR plaque phenotyping. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Shekar, Aparna BSE

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University **City/State:** Nashville, TN **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

Shepherd, Maxwell BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Northwestern University, Evanston **City/State:** Evanston, IL **Project Title:** Robotic knee extension assistance to improve sit-to-stand performance in stroke patients **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Shin, Boyoung BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Regulation of Th17 cell pathogenicity during atherosclerosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Shires, Sarah BS, BA

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** A Novel Role for Parkin in the Heart **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Shrum, Stephen BA

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Arkansas for Medical Sciences, Little Rock **City/State:** Little Rock, AR **Project Title:** Role of mitoBK channels in renal cold preservation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Sifuentes, Mikaela BS

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

Snider, Chloe BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Vanderbilt University **City/State:** Nashville, TN **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

Song, Yuntao BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Cincinnati Children's Hospital Medical Center **City/State:** Cincinnati, OH **Project Title:** Epigenetic repression of retinoic acid responsive genes for cardiac outflow tract formation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Soroush, Fariborz BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** PKC delta inhibition as a novel therapeutic target in neutrophil-mediated vascular and tissue injury during inflammation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Soysa, Dilini Radika BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Washington, Seattle **City/State:** Seattle, WA **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

Stafford, Joshua BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Medical College of

Wisconsin **City/State:** Milwaukee, WI **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

Stephens, Olivia BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** Investigating dysfunction of the beta-adrenergic receptor in pulmonary arterial hypertension **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Stewart, Rachel BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Examining the Role of the LINC Complex in Modulating Adhesion and Cytoskeletal Tension in the Myocardium **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Stiers, Kyle BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Missouri, Columbia **City/State:** Columbia, MO **Project Title:** Determining molecular mechanisms of dysfunction and biochemical phenotypes in phosphoglucosylase 1 deficiency **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$51,900

Stivers, Katlin BA, MS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Louisville **City/State:** Louisville, KY **Project Title:** Regulation of Adipose Tissue Inflammation by Resident Myeloid Derived Suppressor Cells **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Su, Pan BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Fingerprinting Arterial Spin Labeling MRI: technical development and application in cerebrovascular diseases **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Sun, Sabrina BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Berkeley **City/State:** Berkeley, CA **Project Title:** Directed evolution of highly optimized adeno-associated viral (AAV) vectors for cardiac gene therapy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Sun, Jenny BS, BA

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

Sure, Venkata MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Tulane University, New Orleans **City/State:** New Orleans, LA **Project Title:** Role of Neuronal Nitric Oxide Synthase in Brain Microvascular Endothelial Cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Surya, Vinay BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** Stanford University, Stanford **City/State:** Stanford, CA **Project Title:** Investigation of the molecular and biophysical mechanisms underlying the formation of lymphatic valves **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Taylor, Matthew BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** The use of DREADD Technology to define the role of Gq signaling in adrenal aldosterone production **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Teoh, Jian Peng BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** Beta-adrenergic receptor/beta-arrestin-mediated microRNA regulatory network: A new player in cardioprotective signaling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Thawani, Akanksha BS, MA

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Princeton University **City/State:** Princeton, NJ **Project Title:** Mechanism of mitotic spindle formation: How are microtubules generated to find kinetochores during cell division? **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Tian, Fangyun BS, MPH

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Michigan

City/State: Ann Arbor, MI **Project Title:** Corticocardiac Coupling in Ischemic Stroke-Induced Sudden Death **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Tilvawala, Gopesh BSE, ME

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Nintendo for Neurointerventionists: Technology for Remote Catheter Navigation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Toomer, Katelynn BS

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

Trac, David BS, BA

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** Improving the therapeutic functionality of child cardiac progenitor cells by spherical aggregation **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Trembley, Michael BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** A Novel MRTF Signaling Center at Cardiac Intercalated Discs **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Trusty, Phillip BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Georgia Tech Research Corporation **City/State:** Atlanta, GA **Project Title:** Improved Management of Fontan Associated Liver Disease: A hemodynamic approach **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Tsai, Chang-Ru BS, MS

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

Tsui, Jonathan BS, ME

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

Tuladhar, Shraddha BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City/State:** Tucson, AZ **Project Title:** Determining how systemic and tissue immune responses are driven by strain-specific Toxoplasma effector proteins **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Turner, Emily BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of South Alabama, Mobile **City/State:** Mobile, AL **Project Title:** Keratose as a Novel Drug Carrier for Drug Coated Balloons **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Uchida, Keita BA

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Michigan **City/State:** Ann Arbor, MI **Project Title:** T-tubule remodeling by acute cell volume changes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Upadhye, Aditi BS

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

Urak, Kevin BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Targeting Extracellular Histones with RNA Aptamers for the Treatment of Sepsis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Vaka, Venkata Ramana BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Mississippi Medical Center **City/State:** Jackson, MS **Project Title:** The role of NK cells as mediators of mitochondrial oxidative stress in response to placental ischemia **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Van Der Heijden, Meike BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **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

Vandergriff, Adam BSE, MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** North Carolina State University **City/State:** Raleigh, NC **Project Title:** Targeted Delivery of Stem Cell Exosomes for Cardiac Regeneration **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Vetter, Anthony BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Novel live cell myofilament biosensor for tracking heart performance in disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Vidmar, David MS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Using Computational Analysis and Modeling to Identify Mechanisms of Spontaneous Termination of Human Atrial Fibrillation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Von Holle, Ann MA, MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Infant growth trajectories and dyslipidemia in adolescence **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Von Roemeling, Christina BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Mayo Clinic, Jacksonville **City/State:** Jacksonville, FL **Project Title:** Targeted nanoparticle delivery of gamma-secretase inhibitor alternatively activates microglia cells **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Vozenilek, Aimee BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Louisiana State

University Health Sciences Center Shreveport **City/State:** Shreveport, LA **Project Title:** Contribution of myeloid-associated lipin-1 to macrophage pro-inflammatory responses **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Vu, Simon BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City/State:** Davis, CA **Project Title:** Inhibition of TRPV1 by Native Centipede Toxin **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Wales, Jessica BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Arizona, Tucson **City/State:** Tucson, AZ **Project Title:** Soluble Guanylate Cyclase: A Therapeutic Target for Cardiovascular Pathology **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Wan, Jun BS, MS

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

Wang, He BA, BA

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Exploring novel epigenetic regulatory mechanisms by long non-coding RNAs and PRC2 complex in cardiac diseases **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Wang, Hui BS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **Institution:** Baylor College of Medicine, Houston **City/State:** Houston, TX **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

Wang, Xinrui BA

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

Ward, Rebecca BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** NLRP3 Inflammasomes, Neurovascular Degeneration and Cognitive Impairment in Diabetic Stroke **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Waters, Christopher BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Virginia, Charlottesville **City/State:** Charlottesville, VA **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

Weaver, Chelsea BS, AS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** The African Green Monkey: A Novel Model of Spontaneous Hypertensive Pregnancy Disorders **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Wescott, Andrew BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Maryland, Baltimore **City/State:** Baltimore, MD **Project Title:** Mitochondrial Calcium Signaling in Healthy and Failing Heart **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

West, Toni BS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of California, Davis **City/State:** Davis, CA **Project Title:** Characterization of PDE5/Beta2AR Interaction in Diabetic Cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Wolff, Ian BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Northwestern University, Evanston **City/State:** Evanston, IL **Project Title:** Characterization of Kinesin-12/KLP-18 activity essential for acentrosomal meiotic spindle assembly in *C. elegans* **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Wren, Lisa BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** Understanding Calmodulinopathies in an

Animal Model Award Start Date: 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Wu, Kuanlin BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University
City/State: New Haven, CT **Project Title:** PDGF regulates integrin activation through Arg **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Wu, Yueh-Fu BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Notre Dame
City/State: Notre Dame, IN **Project Title:** Characterizing interactions between the microtubule binding protein CLIP-170 and actin **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Wylie, Lyndsay BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of North Carolina, Chapel Hill
City/State: Chapel Hill, NC **Project Title:** SMAD6 Function in Endothelial Cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Xing, Zheng BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Purdue University, West Lafayette
City/State: West Lafayette, IN **Project Title:** Biochemical and Biological Conservation of DDX5 in Mammals and Yeast: New Paradigms for Metabolic Gene Regulation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Yadav, Sunil BSC

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami
City/State: Coral Gables, FL **Project Title:** The effect of pseudo-phosphorylation of myosin RLC on improvement of cardiac function in hypertrophic cardiomyopathy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Yang, Yuanzhang BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Arizona, Tucson
City/State: Tucson, AZ **Project Title:** Regulation of cardiac myosin binding protein-C (cMyBP-C) by calmodulin. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Yang, Chieh-Ling BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Maryland, Baltimore **City/State:** Baltimore, MD **Project Title:** Cortical enhancement of posture, movement planning, and execution during standing voluntary reach following stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Yang, Tingli BA

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

Yap, Jonathan BA, MS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Hawaii **City/State:** Honolulu, HI **Project Title:** Over-expression of Chitotriosidase Modulates Macrophage Function and Progression of Atherosclerosis in Hyperlipidemic, L **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Yeh, Yang BA, BA

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Novel stroke therapy through a Kv2.1-modulating peptide **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Yeung, David

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** The Ohio State University **City/State:** Columbus, OH **Project Title:** Discoidin Domain Receptors as Novel Biomarkers for Abdominal Aortic Aneurysm **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Yu, Albert BA

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** University of Connecticut, Farmington **City/State:** Farmington, CT **Project Title:** Monocyte/Macrophage TRPM2-mediated Inflammation in Ischemia-Reperfusion Injury **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Yu, Deyang BS

Program Type: Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Wisconsin, Madison **City/State:** Madison, WI **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

Yue, Jingwen BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Georgia, Athens **City/State:** Athens, GA **Project Title:** The role of heparan sulfate in fibrinolysis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Yue, Yujia BSC

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** Inflammation and Endothelial Progenitor Cell-Exosomes mediate ischemic heart repair **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Zeng, Rui BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** The Assembly Pathway of the Mitochondrial Large Subunit **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Zhang, Hanyu MS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Optical Mapping of Cardiac Electromechanics **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Zhang, Yue MS

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Structural Elements Underlying the Neuroplastic Change Induced by Constraint-Induced Movement Therapy in Chronic Stroke **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Zhang, James BSE

Program Type: Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** Novel Optogenetics Approach for Enhancing Functional Integration of Transplanted Stem Cells after Brain Injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Zhang, Kehan BS, BSE

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Boston University, Boston **City/State:** Boston, MA **Project Title:** Intercellular Junctions in Cardiomyocyte Mechanotransduction **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Zhang, Jimmy BA, MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** The Development of Novel Acute Myocardial Infarction Therapeutics Using Metabolomics and High-Throughput Screening **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Zhang, Mengxue MBBS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** The Ohio State University **City/State:** Columbus, OH **Project Title:** The EZH Family as an Epigenetic Target for Inhibiting Vascular Smooth Muscle Cell Phenotypic Switching and Restenosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Zhang, Hanming BS

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

Zhou, Wenping BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Dissect the role of spatial and temporal Akt activation in endothelial cell functions using optogenetics **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

Zhou, Yi BS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Effects of ischemic injury on adult hippocampal neurogenesis and neuronal migration **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Zhu, Qiang MD, MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Impact of FAK-dependent suppression

of autophagic flux on cardiac homeostasis and pathobiology **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Zhu, Changyu BS, MA

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Columbia University, New York **City/State:** New York, NY **Project Title:** Investigate the Jagged1-Notch-Osteopontin axis in Non-Alcoholic Steatohepatitis and fibrosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900