

# American Heart Association Awardees by Program Type

Last Update: August 2018

## Predoctoral Fellowship

### **Abdel Majeed, Yazan BSC**

**Program Type:** Predoctoral Fellowship **Institution:** University of Illinois at Chicago **City/State:** Chicago, IL  
**Project Title:** Effect of altering movement metrics identified by predictive models on stroke recovery outcomes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

### **Ahern, Katelyn BS**

**Program Type:** Predoctoral Fellowship **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

### **Al-Sammarraie, Nadia MB ChB, MS**

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

### **Al-Shaar, Laila BSC, MSc**

**Program Type:** Predoctoral Fellowship **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 **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

### **Atawia, Reem BS, MS**

**Program Type:** Predoctoral Fellowship **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

**Balapattabi, Kirthikaa BSE, MSE**

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

**Balasubbramanian, Dakshnapriya BS, MS**

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

**Balzer, Connor BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Oregon, Eugene **City/State:** Eugene, OR **Project Title:** Understanding how the actin filament nucleator, Arp2/3 complex, is regulated to create exclusively branched filaments **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Bansal, Ruchi MS**

**Program Type:** Predoctoral Fellowship **Institution:** Indiana University, Indianapolis **City/State:** Indianapolis, IN **Project Title:** Mchr1 Cilia Mediated Signaling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Barger, Sarah BA**

**Program Type:** Predoctoral Fellowship **Institution:** SUNY Upstate Medical University **City/State:** Syracuse, NY **Project Title:** The role of class I myosins in macrophage phagocytosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Bartko, Jonathan BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** BDNF-TrkB Regulation of ER-Dependent Death in the Peri-Ischemic Cortex **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Bechay, Kirollos BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Clarifying the Circuit for Stroke Recovery **Award Start Date:** 7/1/2018 **Award End Date:** 12/31/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Berry, Brandon BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** Optogenetic control of mitochondrial function to protect against ischemia reperfusion injury **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Bethel, Neville BS**

**Program Type:** Predoctoral Fellowship **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

**Bhattacharyya, Samadrita MSc**

**Program Type:** Predoctoral Fellowship **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

**Birker, Katja BS**

**Program Type:** Predoctoral Fellowship **Institution:** Sanford Burnham Prebys Medical Discovery Institute, La Jolla **City/State:** La Jolla, CA **Project Title:** Probing Hypoplastic Left Heart Syndrome candidate genes in the Drosophila heart **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Bogorad, Maxim BS**

**Program Type:** Predoctoral Fellowship **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

**Booe, Jason BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Oklahoma Health Sciences Center **City/State:** Oklahoma City, OK **Project Title:** Modulation of vasodilator peptide binding to the calcitonin receptor-like receptor by RAMP accessory proteins **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Bortot, Maria BSE, MSE**

**Program Type:** Predoctoral Fellowship **Institution:** University of Colorado Denver **City/State:** Denver, CO **Project Title:** Role of hydrodynamic forces on hemostasis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Brindise, Melissa BS**

**Program Type:** Predoctoral Fellowship **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

**Brizendine, Richard BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Nevada, Reno **City/State:** Reno, NV **Project Title:** Mechanochemistry of myosin II filaments in vitro **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Brown, Eran BS**

**Program Type:** Predoctoral Fellowship **Institution:** Oregon Health & Science University, Portland **City/State:** Portland, OR **Project Title:** Endothelial Pro-inflammatory Responses after Myocardial Infarction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Buglo, Elena BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** Dissecting the molecular underpinning of complex multi-system disorders in gene editing studies **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Cai, Wenxuan BS**

**Program Type:** Predoctoral Fellowship **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

**Calhoun, Patrick BS**

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

**Campbell, Hannah BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Force-induced apoptosis and the mechanoprotective role of PAK2 **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Chabowski, Dawid BA**

**Program Type:** Predoctoral Fellowship **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 **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:** 12/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

**Chaudhary, Ninad MBBS, MPH**

**Program Type:** Predoctoral Fellowship **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** How inflammation and High Density Lipoproteins affect the relationship between APOL1 and outcomes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Chen, Ann BS**

**Program Type:** Predoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Oral delivery of glyburide-loaded nanoparticles for ischemic stroke treatment **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Chen, Anzhi BS**

**Program Type:** Predoctoral Fellowship **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, Hung-Hsin MS**

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

**Chen, Jie BA**

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

**Chen, Si MS, BS**

**Program Type:** Predoctoral Fellowship **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

**Cheng, Karen BA**

**Program Type:** Predoctoral Fellowship **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

**Christensen, Tova BS**

**Program Type:** Predoctoral Fellowship **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:** 12/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

**Coates, Sydney BS**

**Program Type:** Predoctoral Fellowship **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 **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 **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

**Combs, Matthew BS, AS**

**Program Type:** Predoctoral Fellowship **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** A role for GRAF1 in mitochondrial clearance and perinatal metabolic reprogramming **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Corbett, Karen BS**

**Program Type:** Predoctoral Fellowship **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

**Cortes Selva, Diana MS, BS**

**Program Type:** Predoctoral Fellowship **Institution:** Purdue University, West Lafayette **City/State:** West Lafayette, IN **Project Title:** Delineating the role of hepatic macrophages in Schistosoma mansoni induced protection from atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Cuentas Condori, Andrea BS**

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

**Cunningham, Christine BS**

**Program Type:** Predoctoral Fellowship **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

**Cushen, Spencer BS**

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

**Dale, Bethany BA, MS**

**Program Type:** Predoctoral Fellowship **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

**Davila, Alec BS**

**Program Type:** Predoctoral Fellowship **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** Impaired conducted vasodilation in HFpEF **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Davis, Gwendolyn BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Mississippi Medical Center **City/State:** Jackson, MS **Project Title:** Increased Blood Pressure in the Aging IUGR Female Rat **Award Start Date:** 7/1/2018 **Award End Date:** 8/31/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Deal, Joshua BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** University of South Alabama, Mobile **City/State:** Mobile, AL **Project Title:** Hyperspectral Imaging as a Novel Method to Classify Atherosclerotic Plaque **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Detter, Matthew BS**

**Program Type:** Predoctoral Fellowship **Institution:** Duke University Medical Center **City/State:** Durham, NC **Project Title:** Investigating the molecular pathways of cerebral cavernous malformation (CCM) maturation through therapeutic studies **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Devarakonda, Kavya BS**

**Program Type:** Predoctoral Fellowship **Institution:** Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** Role of Amygdala Glucose-Sensing Neurons in Feeding and Obesity **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Devarakonda, Siva Teja BS**

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

**Disharoon, Dante BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** Colorado School Of Mines **City/State:** Golden, CO **Project Title:** Magnetically Controlled Drug Delivery Colloids for Rapid Fibrinolysis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Dong, Olivia MPH, BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Pharmacogenomic Testing with DNA2Rx in Cardiac Catheterization Laboratory Patients **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Dreifus, Julia BS**

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

**Drizyte, Kristina BS**

**Program Type:** Predoctoral Fellowship **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



**Duarte-Sanmiguel, Silvia BSC**

**Program Type:** Predoctoral Fellowship **Institution:** The Ohio State University **City/State:** Columbus, OH  
**Project Title:** Nanoscale approaches to reprogramming diabetic macrophages **Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Easley, Thomas BS, MS**

**Program Type:** Predoctoral Fellowship **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

**Ernst, Patrick BA**

**Program Type:** Predoctoral Fellowship **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL  
**Project Title:** Cell Death Mechanisms in Induced Pluripotent Stem Cell-Derived Cardiomyocytes Using Mitochondrial Optogenetics **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020  
**Total Years:** 2 **Total Award Amount:** \$53,688

**Essandoh, Kobina MSc, BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Cincinnati **City/State:** Cincinnati, OH  
**Project Title:** Role of Tsg101 in endosomal translocation of Glut-4 in ischemic hearts **Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Farber, Gregory BS**

**Program Type:** Predoctoral Fellowship **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

**Fehrenbach, Daniel BS**

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

**Fernandez Esmerats, Joan BS, MS**

**Program Type:** Predoctoral Fellowship **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 **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 **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 **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 **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

**Fox, Carson MS, BS**

**Program Type:** Predoctoral Fellowship **Institution:** Drexel University **City/State:** Philadelphia, PA **Project Title:** Continuous Flow Pediatric Artificial Heart **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Frank, Sarah BS, MS**

**Program Type:** Predoctoral Fellowship **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

**Gajeton, Jasmine BS**

**Program Type:** Predoctoral Fellowship **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

**Gajwani, Priyanka BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** Phosphorylation of PFKFB3, a regulator of glycolysis, as an adaptive mechanism in Acute Lung Injury **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Gan, Peiheng BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Southern California **City/State:** Los Angeles, CA **Project Title:** The roles of Tnni3k in mammalian heart regeneration and cardiac conduction system diseases **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Gandhi, Shashank BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** California Institute of Technology, Pasadena **City/State:** Pasadena, CA **Project Title:** Identification of molecular mechanisms governing cardiac neural crest specification **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Garber, Michael MPH, BA**

**Program Type:** Predoctoral Fellowship **Institution:** Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** Evaluating the effect of bike infrastructure on population-level cycling in Atlanta using smartphone-generated data **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Garge, Riddhiman BSE**

**Program Type:** Predoctoral Fellowship **Institution:** The University of Texas at Austin **City/State:** Austin, TX **Project Title:** Humanized yeast as a tool to understand allelic variation and epistatic regulation affecting cholesterol biosynthesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Gates, Kathleen BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** Lung-brain coupling regulates neurovascular unit responses to stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Ge, Mengyuan MB, MS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** The Role of APOL1 and Cholesterol Dependent Podocyte Injury in Focal Segmental Glomerulosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Gildart, Moriah BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Connecticut, Farmington **City/State:** Farmington, CT **Project Title:** Regulation of Ryanodine Receptor Released Perinuclear Calcium by the mAKAP complex **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Goebel, Erich BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Cincinnati **City/State:** Cincinnati, OH  
**Project Title:** Characterization of the Growth and Differentiation Factor 11 Ternary Receptor Assembly  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Gokhale, Nandan BS**

**Program Type:** Predoctoral Fellowship **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

**Gomel, Madeleine BS**

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

**Gong, Jingqi BS**

**Program Type:** Predoctoral Fellowship **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

**Gorick, Catherine BS**

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

**Grayczyk, James BS**

**Program Type:** Predoctoral Fellowship **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

**Greiner, Alexander BA**

**Program Type:** Predoctoral Fellowship **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA  
**Project Title:** Assessing the Role of MSX1 in Cardiac Fibrosis and Sudden Cardiac Death **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Gross, Stephen MS, BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Denver **City/State:** Denver, CO **Project Title:** Vascular Regulation of Collagen IV Polarized Secretion by Rab10 GTPase **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Guessoum, Omar BSC**

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

**Gumpper, Kristyn MSc, BS**

**Program Type:** Predoctoral Fellowship **Institution:** The Ohio State University **City/State:** Columbus, OH **Project Title:** Protection of Cardiomyocyte Mitochondria from Ischemic Injury **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Guo, Lilong MBBS, MS**

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

**Gupta, Kartik BSE, MS**

**Program Type:** Predoctoral Fellowship **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

**Hagan, Andrew BS**

**Program Type:** Predoctoral Fellowship **Institution:** Washington University, School of Medicine **City/State:** Saint Louis, MO **Project Title:** FGF18 signaling in lung alveologenesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Han, Xu MS, BS**

**Program Type:** Predoctoral Fellowship **Institution:** Case Western Reserve University **City/State:** Cleveland, OH **Project Title:** Analysis of a Naturally Occurring PAR4 Variants by Hydrogen/Deuterium Exchange Mass Spectrometry **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Harding, Ian BS**

**Program Type:** Predoctoral Fellowship **Institution:** Northeastern University, Boston **City/State:** Boston, MA **Project Title:** The Endothelial Glycocalyx and Blood-Brain Barrier Integrity **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Hathaway, Quincy BS**

**Program Type:** Predoctoral Fellowship **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 **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 **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

**Hill, Anita Nayo BS, PT**

**Program Type:** Predoctoral Fellowship **Institution:** Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** Quantification of Upper Extremity Motor Impairments in Pediatric Hemiplegia **Award Start Date:** 7/1/2018 **Award End Date:** 8/31/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Hilt, Zachary BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** Platelet Derived Beta-2 Microglobulin Regulates Monocyte Responses to Myocardial Infarction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Himelman, Eric BS, MS**

**Program Type:** Predoctoral Fellowship **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

**Hoachlandr-Hobby, Alexander BS**

**Program Type:** Predoctoral Fellowship **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** Cortical-bone Stem Cells mediate cardiac repair and function after myocardial infarction by altering the immune response **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Hoffman, Matthew BA**

**Program Type:** Predoctoral Fellowship **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** KLF5-miR30e Axis in the Regulation of Cardiac Metabolism in Myocardial Ischemia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Holdbrooks, Andrew BS, AS**

**Program Type:** Predoctoral Fellowship **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

**Howe, Matthew BS**

**Program Type:** Predoctoral Fellowship **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

**Idiga, Sharon BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Novel Endocrine Circuit Regulating Sugar Satiety **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Jacobs, Holly BA**

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

**Janczura, Karolina BS, MS**

**Program Type:** Predoctoral Fellowship **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 **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

**Javdan, Bahar BA**

**Program Type:** Predoctoral Fellowship **Institution:** Princeton University **City/State:** Princeton, NJ **Project Title:** Investigating the impact of the human gut microbiome on the metabolism of oral cardiovascular agents **Award Start Date:** 7/1/2018 **Award End Date:** 12/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Jiang, Xiaqing MPH, MB**

**Program Type:** Predoctoral Fellowship **Institution:** University of Michigan **City/State:** Ann Arbor, MI  
**Project Title:** Multiple Chronic Conditions (MCC) and Post-Stroke Functional Outcome in a Bi-Ethnic Population **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Johnson, Camryn BS**

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

**Josefs, Tatjana BSc, MSc**

**Program Type:** Predoctoral Fellowship **Institution:** NYU Medical Center **City/State:** New York, NY **Project Title:** Effects of triglycerides & diabetes on HDL function in atherosclerosis regression **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Joslin, Amelia BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Chicago **City/State:** Chicago, IL **Project Title:** Dissecting the genetics of cardiovascular-related phenotypes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Kalita, Cynthia BS**

**Program Type:** Predoctoral Fellowship **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

**Kalluri, Aditya BS**

**Program Type:** Predoctoral Fellowship **Institution:** Harvard University, Cambridge **City/State:** Cambridge, MA **Project Title:** High-dimensional characterization of endothelial cell transcriptional response to environmental drivers of shock subtype **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Kang, Augustine BSc, MSc**

**Program Type:** Predoctoral Fellowship **Institution:** Brown University **City/State:** Providence, RI **Project Title:** Poor Sleep Quality Among Hispanic Children: Formative Research with Working Hispanic Parents to Develop an Intervention **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688



**Kauss, Mara BA**

**Program Type:** Predoctoral Fellowship **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

**Keschrumrus, Vic BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Arizona, Tucson **City/State:** Tucson, AZ **Project Title:** Titin-based Dilated Cardiomyopathy Modeled in Engineered Heart Tissues **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Keshavarzian, Mazyar BS, MS**

**Program Type:** Predoctoral Fellowship **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 **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

**Kiefer, Lea BA**

**Program Type:** Predoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Elucidating the mechanism of JQ1 in heart failure by temporal RNA sequencing **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Kim, Johoon BS, MSE**

**Program Type:** Predoctoral Fellowship **Institution:** University of Pennsylvania **City/State:** Philadelphia, PA **Project Title:** Spectral photon-counting CT specific contrast agent development for improved diagnosis of cardiovascular diseases **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Kim, Keehun BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** A study of the structural basis and context dependence of cardiac GPCR pharmaceuticals **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Kimball, Ian BS**

**Program Type:** Predoctoral Fellowship **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

**Ko, Junsuk BSC**

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

**Korishettar, Ankush PhD**

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

**Kumar, Mohit MS**

**Program Type:** Predoctoral Fellowship **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

**Kutyavin, Vassily BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Deciphering the transcriptional regulation of brown adipose tissue dormancy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Kyle, Jackson BA**

**Program Type:** Predoctoral Fellowship **Institution:** SUNY, Stony Brook **City/State:** Stony Brook, NY  
**Project Title:** Pharmacological Ablation of Microglia Modulates Adult Neurogenesis After Ischemic Stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Lacroix, Arianna BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** Arizona State University, Tempe **City/State:** Tempe, AZ **Project Title:** The role of prosody in speech comprehension post-stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Lai, Yun-Ju BS, MS**

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

**Lambert, Jonathan BS**

**Program Type:** Predoctoral Fellowship **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

**Lange, Phil BS**

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

**Lau, Stephanie BA**

**Program Type:** Predoctoral Fellowship **Institution:** NYU Medical Center **City/State:** New York, NY  
**Project Title:** Molecular control of chemokine-guided cell migration **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Le, Victoria BS, MS**

**Program Type:** Predoctoral Fellowship **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, Wei Ting Chelsea BS**

**Program Type:** Predoctoral Fellowship **Institution:** NYU Medical Center **City/State:** New York, NY  
**Project Title:** Direct visualization of G4 DNA metabolism at replication forks via Super-Resolution Microscopy  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Lee, Woojong BS**

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

**Lei, Yuk Man BA**

**Program Type:** Predoctoral Fellowship **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 **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 **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

**Li, Hailun BA**

**Program Type:** Predoctoral Fellowship **Institution:** Washington University, School of Medicine **City/State:** Saint Louis, MO **Project Title:** Manipulating Potassium Buffering by Glia for Neuroprotection from Ischemic Stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Li, Xiuqi BS**

**Program Type:** Predoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Dissecting the Mechanism of FGF23 Elevation and Its Cardiac Consequences in Iron Deficiency Anemia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Li, Yan BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** University of California, Irvine **City/State:** Irvine, CA **Project Title:** Development of high speed OCT/US/NIRF tri-modality intravascular imaging for Characterization of Atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Li, Yutian BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Cincinnati **City/State:** Cincinnati, OH **Project Title:** Role of Sctm1a in Diabetes-Induced Cardiac Dysfunction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Liang, Wenying BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Michigan Medical Center **City/State:** Ann Arbor, MI **Project Title:** Role of Kruppel-like Factor 11 in Diabetic Thrombosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Lin, Huiping BS**

**Program Type:** Predoctoral Fellowship **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** Macropinocytosis: The Macrophage Drinking Problem Behind Atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Liu, Ting MD**

**Program Type:** Predoctoral Fellowship **Institution:** Augusta University **City/State:** Augusta, GA **Project Title:** Role of Class III Phosphatidylinositol-3 Kinase in Compensatory Nephron Hypertrophy **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Liu, Yujia BS**

**Program Type:** Predoctoral Fellowship **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

**Lou, Liping PhD, BSE**

**Program Type:** Predoctoral Fellowship **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

**Lu, Haocheng MD**

**Program Type:** Predoctoral Fellowship **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, Shan BS, MSc**

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

**Luo, Lingfeng BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** The Role of PDE10A in Vascular Smooth Muscle Cells and Intimal Hyperplasia **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Ly, Han BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Role of diabetes-associated amylin dyshomeostasis in stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Ly, Thu AS, BS**

**Program Type:** Predoctoral Fellowship **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

**Lynch, Sabrina BSE, MS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Michigan **City/State:** Ann Arbor, MI  
**Project Title:** Early Initiation of Venous Thrombosis Examined Through a Photoacoustic Imaging Driven Computational Model **Award Start Date:** 7/1/2018 **Award End Date:** 8/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Lyu, Wanqing BS**

**Program Type:** Predoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Regulation Mechanism of Microtubules by Abl2 **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Madungwe, Ngonidzashe BS**

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

**Marziano, Corina BS**

**Program Type:** Predoctoral Fellowship **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 **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 **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

**Mccoy, Jason BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Cincinnati **City/State:** Cincinnati, OH **Project Title:** Growth Differentiation Factor 8 (GDF8) Antagonism by Growth Associated Serum Protein (GASP) **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Mcfarlane, Jeff BS, MA**

**Program Type:** Predoctoral Fellowship **Institution:** University of Kansas, Lawrence **City/State:** Lawrence, KS **Project Title:** Staphylopine Biosynthesis as an Antimicrobial Target in Staphylococcus aureus Infective Endocarditis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**McMahon, Sarah BA**

**Program Type:** Predoctoral Fellowship **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 **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 **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

**Mihalko, Emily BS**

**Program Type:** Predoctoral Fellowship **Institution:** North Carolina State University **City/State:** Raleigh, NC **Project Title:** Dual-delivery nanogels for targeted treatment of myocardial infarction **Award Start Date:** 7/1/2018 **Award End Date:** 12/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Mohindra, Priya BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Microstructural cues for mechanosensitive regulation of fibrosis and enhanced vascularization of post-infarct myocardium **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Molaei, Maral BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** Texas AgriLife Research **City/State:** College Station, 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

**Monroe, Madeline BS**

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

**Narasimhan, Shwetha BS**

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

**Nasamu, Armiyaw BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** Washington University, School of Medicine **City/State:** Saint Louis, MO **Project Title:** Investigating the composition and role of the exoneme organelle in malaria parasite egress **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Nasci, Victoria BA**

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

**Neuber, Johanna BS, MS**

**Program Type:** Predoctoral Fellowship **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, Ngoc BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Protective effects of neonatal plasma in ischemic heart disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Nguyen, Quynh BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Characterizing CD4+ tissue-resident memory T cells in non-lymphoid tissues **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Noreng, Sigrid BS**

**Program Type:** Predoctoral Fellowship **Institution:** Oregon Health & Science University, Portland **City/State:** Portland, OR **Project Title:** Structure/Function Studies on the Gating Mechanism of ENaC **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688



**O'Dwyer, Samantha BA**

**Program Type:** Predoctoral Fellowship **Institution:** University of California, Davis **City/State:** Davis, CA  
**Project Title:** The function of BIN1 in vascular smooth muscle **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Olonisakin, Tolani BA**

**Program Type:** Predoctoral Fellowship **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA  
**Project Title:** Role of thrombospondin-1 in platelet-mediated protection during Pseudomonas aeruginosa-induced injury **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Ong, Chin Siang MBBS, MBBS**

**Program Type:** Predoctoral Fellowship **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

**Osei-Owusu, James BSC, MSc**

**Program Type:** Predoctoral Fellowship **Institution:** Johns Hopkins University School of Medicine  
**City/State:** Baltimore, MD **Project Title:** Role of Volume-Regulated Anion Channel in Glutamate Release and Ischemic Stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Ostadossein, Fatemeh BSC, MSc**

**Program Type:** Predoctoral Fellowship **Institution:** University of Illinois, Champaign-Urbana **City/State:** Urbana, IL **Project Title:** antimicrobial caged hafnium oxide nanoparticles for detection and therapeutic intervention of endocarditis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Paik, Wonbeom MS, BS**

**Program Type:** Predoctoral Fellowship **Institution:** Loyola University Medical Center **City/State:** Maywood, IL **Project Title:** Protection from lethal Staphylococcus aureus sepsis by probiotic exopolysaccharide **Award Start Date:** 7/1/2018 **Award End Date:** 7/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Panic, Vanja BS**

**Program Type:** Predoctoral Fellowship **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

**Patel, Chandni BS**

**Program Type:** Predoctoral Fellowship **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

**Patel, Pravin BA**

**Program Type:** Predoctoral Fellowship **Institution:** Thomas Jefferson University **City/State:** Philadelphia, PA

**Project Title:** ASK1 is a novel regulator of heparin-induced thrombocytopenia and thrombosis **Award**

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

**Pedde, Meredith BA, MPA**

**Program Type:** Predoctoral Fellowship **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:** 4/30/2019 **Total Years:** 2 **Total**

**Award Amount:** \$51,900

**Pedersen, Drake BS**

**Program Type:** Predoctoral Fellowship **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

**Perfitt, Tyler BA**

**Program Type:** Predoctoral Fellowship **Institution:** Vanderbilt University **City/State:** Nashville, TN

**Project Title:** Interaction between neuronal CaMKII and Shank3 regulate anti-ischemic CREB signaling

**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Perreault, Luke BS, ME**

**Program Type:** Predoctoral Fellowship **Institution:** Tufts University, Medford **City/State:** Medford, MA

**Project Title:** Organ engineering in the context of developmental biology: ECM developmental age

effects on organ recellularization **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:**

2 **Total Award Amount:** \$53,688

**Perry, Nicole BS, BA**

**Program Type:** Predoctoral Fellowship **Institution:** Vanderbilt University **City/State:** Nashville, TN

**Project Title:** Arrestin-3 interaction with the ASK1-MKK4/7-JNK3 cascade **Award Start Date:** 7/1/2018

**Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Perschbacher, Katherine BA**

**Program Type:** Predoctoral Fellowship **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, Thanh BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Pericytes in stroke repair and recovery. **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Pipathsouk, Anne BS**

**Program Type:** Predoctoral Fellowship **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 **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

**Polino, Alexander BA**

**Program Type:** Predoctoral Fellowship **Institution:** Washington University, School of Medicine **City/State:** Saint Louis, MO **Project Title:** Elucidating the role of Plasmodium N-terminal acetyltransferases in export of effectors into the host erythrocyte **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Porter, Gwendolyn BS, MSc**

**Program Type:** Predoctoral Fellowship **Institution:** University of Nebraska Medical Center, Omaha **City/State:** Omaha, NE **Project Title:** Identifying, adapting, and testing weight loss programs in rural primary care **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Postema, Meagan BS**

**Program Type:** Predoctoral Fellowship **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

**Przanowska, Roza MSc**

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

**Puchades Garcia, Cristina MSc**

**Program Type:** Predoctoral Fellowship **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

**Ramadhin, Jessica BA**

**Program Type:** Predoctoral Fellowship **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

**Ramkumar, Niveditta BA, MPH**

**Program Type:** Predoctoral Fellowship **Institution:** Dartmouth College **City/State:** Hanover, NH **Project Title:** Sex Differences in Presentation, Treatment and Outcomes of Vascular Procedures **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Ramms, Bastian BSC, MSc**

**Program Type:** Predoctoral Fellowship **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

**Rego, Bruno BS, MSE**

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

**Ren, Lu MS, MD**

**Program Type:** Predoctoral Fellowship **Institution:** University of California, Davis **City/State:** Davis, CA **Project Title:** Regulation of pacemaker cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Rhodes, Katherine BS, BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Chicago **City/State:** Chicago, IL **Project Title:** Mapping Functional Variation in Gene Regulatory Dynamics in Human Cardiomyocytes **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Riad, Sandra BSC, MSc**

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

**Riching, Andrew BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Colorado Denver **City/State:** Denver, CO  
**Project Title:** Regulation of Cardiomyogenesis by TGF-beta signaling **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Ripley, Brittany BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA  
**Project Title:** Rad18: the master regulator of Translesion Synthesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Rodriguez Sanchez, Irene BS, MBA**

**Program Type:** Predoctoral Fellowship **Institution:** University of Rochester Medical Center **City/State:** Rochester, NY  
**Project Title:** Cytomegalovirus Mediated Metabolic Reprogramming **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Ruan, Linhao BS, MS**

**Program Type:** Predoctoral Fellowship **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

**Samuel, T. Jake BS, MS**

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

**Sapouckey, Sarah BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA  
**Project Title:** Mechanisms of the Arcuate Nucleus Leptin-Angiotensin Interaction in the Control of Metabolism  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Sayed Razavi Rizi, Mohammad MS, BS**

**Program Type:** Predoctoral Fellowship **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

**Scacalossi, Kaitlyn BS, MS**

**Program Type:** Predoctoral Fellowship **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

**Schuler, Max-Hinderk BS, MS**

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

**Scott, Larry BS**

**Program Type:** Predoctoral Fellowship **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

**Seimetz, Joe BS**

**Program Type:** Predoctoral Fellowship **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:** 12/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

**Seitz, Bridget BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** Michigan State University **City/State:** East Lansing, MI **Project Title:** The Cardiovascular Pharmacology of Serotonin 7 Receptor **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Selvaraj, Uma Maheswari MS**

**Program Type:** Predoctoral Fellowship **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 **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 **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

**Shen, Jia BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** SUNY, Stony Brook **City/State:** Stony Brook, NY  
**Project Title:** The study of functional hyperemia in adult hippocampal neurogenesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Shen, Qian BSE, MSc**

**Program Type:** Predoctoral Fellowship **Institution:** The Ohio State University **City/State:** Columbus, OH  
**Project Title:** The Role of Peroxisomes in Histoplasma Pathogenesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Shi, Luyao MS, BS**

**Program Type:** Predoctoral Fellowship **Institution:** Yale University **City/State:** New Haven, CT **Project Title:** Direct Parametric Image Reconstruction for Dynamic Cardiac SPECT with Event-by-Event Simultaneous Motion Correction **Award Start Date:** 7/1/2018 **Award End Date:** 8/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Shires, Sarah BS, BA**

**Program Type:** Predoctoral Fellowship **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

**Sieng, Monita BS**

**Program Type:** Predoctoral Fellowship **Institution:** Purdue University, West Lafayette **City/State:** West Lafayette, IN **Project Title:** Molecular mechanism of Rap1A-dependent activation of PLCepsilon in cardiovascular disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Sivaramakrishnan, Anjali BS, MPT**

**Program Type:** Predoctoral Fellowship **Institution:** University of Illinois at Chicago **City/State:** Chicago, IL  
**Project Title:** Understanding the neural effects of non-invasive brain stimulation enhanced aerobic exercise in stroke survivors **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Sleiman, Mohamad Mahdi BS**

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

**Snider, Chloe BS**

**Program Type:** Predoctoral Fellowship **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

**Snider, John BS**

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

**Soboleva, Tatiana BS**

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

**Song, Yuntao BS, MS**

**Program Type:** Predoctoral Fellowship **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

**Soysa, Dilini Radika BS, MS**

**Program Type:** Predoctoral Fellowship **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

**Spang, Martin MS, BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Intracoronary delivery of a soluble extracellular matrix therapy post-myocardial infarction **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688



**Spires, Denisha BS**

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

**Stafford, Joshua BS**

**Program Type:** Predoctoral Fellowship **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

**Stapleton, Lyndsay BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** Stanford University, Stanford **City/State:** Stanford, CA **Project Title:** Supramolecular Biomaterials for Prevention of Post-Operative Thoracic Adhesions **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Stein, Kathryn BA**

**Program Type:** Predoctoral Fellowship **Institution:** Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** Deciphering the role of a novel cytomegalovirus entry factor in physiological relevant cell types **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Stephens, Olivia BS**

**Program Type:** Predoctoral Fellowship **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

**Stiers, Kyle BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Missouri, Columbia **City/State:** Columbia, MO **Project Title:** Determining molecular mechanisms of dysfunction and biochemical phenotypes in phosphoglucomutase 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 **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

**Sun, Sabrina BS**

**Program Type:** Predoctoral Fellowship **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

**Sunderland, Kevin BS**

**Program Type:** Predoctoral Fellowship **Institution:** Michigan Technological University, Houghton **City/State:** Houghton, MI **Project Title:** Quantitative Flow Analysis of Intracranial Aneurysms: A Metric for Predicting Rupture Risk **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Sylvers, Kelli BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Lipase inhibition by ANGPTL3 and ANGPTL8 **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Taneja, Nilay BS, MS**

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

**Tapa, Srinivas BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of California, Davis **City/State:** Davis, CA **Project Title:** Sympathetic Modulation and Arrhythmia in Intact Hearts **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Tembo, Maiwase BA**

**Program Type:** Predoctoral Fellowship **Institution:** University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Characterizing PIP2's regulation of TMEM16a **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Thawani, Akanksha BS, MA**

**Program Type:** Predoctoral Fellowship **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

**Thiemicke, Alexander BS, MSc**

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

**Trac, David BS, BA**

**Program Type:** Predoctoral Fellowship **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

**Trusty, Phillip BS, MS**

**Program Type:** Predoctoral Fellowship **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

**Urak, Kevin BS, MS**

**Program Type:** Predoctoral Fellowship **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 **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 **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

**Vaseghi, Haley BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** The Role of Mitochondria in Direct Cardiac Reprogramming **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Verkerke, Anthony BS**

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

**Vickerman, Brianna BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Use of Vitamin B12 to Release Multiple Angiogenic Factors with Long Wavelength Light to Achieve Therapeutic Angiogenesis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Vitrinel, Burcu BSc, MSc**

**Program Type:** Predoctoral Fellowship **Institution:** New York University **City/State:** New York, NY **Project Title:** Regulation of cardiopharyngeal development - moving beyond transcription **Award Start Date:** 7/1/2018 **Award End Date:** 8/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Von Roemeling, Christina BS**

**Program Type:** Predoctoral Fellowship **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 **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

**Vrakas, Christine BS**

**Program Type:** Predoctoral Fellowship **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** IL-19 a novel anti-inflammatory, angiogenic adipokine **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Wang, Bingyan BS, MSc**

**Program Type:** Predoctoral Fellowship **Institution:** San Diego State University Research Foundation **City/State:** San Diego, CA **Project Title:** Lineage Contribution of Adult c-Kit+ Cardiac Progenitor Cells in Embryonic and Neonatal Development **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Wang, He BA, BA**

**Program Type:** Predoctoral Fellowship **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 **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, Xiaobo BSA, MSA**

**Program Type:** Predoctoral Fellowship **Institution:** University of Montana, Missoula **City/State:** Missoula, MT **Project Title:** The role of mRNA deadenylation in translational repression during development **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Waters, Christopher BS**

**Program Type:** Predoctoral Fellowship **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 **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

**Wen, Yi BA**

**Program Type:** Predoctoral Fellowship **Institution:** Duke University Medical Center **City/State:** Durham, NC **Project Title:** Tissue-specific generation of tumor necrosis factor- $\alpha$  contributes to the pathogenesis of hypertension **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Wilkins, Kevin BS**

**Program Type:** Predoctoral Fellowship **Institution:** Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** Static and dynamic cortical activity underlying the negative impact of lifting on hand opening post-stroke **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2019 **Total Years:** 1 **Total Award Amount:** \$26,844

**Wolf, Victoria BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Mississippi Medical Center **City/State:** Jackson, MS **Project Title:** Impact of immunosuppression on estrogens, hypertension, and the kidney during autoimmune disease **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Wolff, Ian BS**

**Program Type:** Predoctoral Fellowship **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 **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, Hui BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Lipid Trafficking in HCMV infected cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Wu, Kuanlin BS**

**Program Type:** Predoctoral Fellowship **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 **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

**Xue, Jianxiang BS, MS**

**Program Type:** Predoctoral Fellowship **Institution:** University of South Florida, Tampa **City/State:** Tampa, FL **Project Title:** Role of thick ascending limb NHE3 for salt homeostasis and blood pressure **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Yadav, Sunil BSC**

**Program Type:** Predoctoral Fellowship **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, Yijun BS**

**Program Type:** Predoctoral Fellowship **Institution:** Temple University **City/State:** Philadelphia, PA **Project Title:** The characteristics and reparative potentials of human cortical bone stem cells **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Yarboro, Michael BS**

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

**Younes, Subhi BS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Mississippi Medical Center **City/State:** Jackson, MS  
**Project Title:** The role of anti-angiogenic factors in cerebrovascular dysfunction of preeclampsia  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Young, Kathleen BS**

**Program Type:** Predoctoral Fellowship **Institution:** Case Western Reserve University **City/State:** Cleveland, OH  
**Project Title:** Drug-Refillable Stent Coatings for Use in Preventing Restenosis  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Yousefi, Keyvan PharmD**

**Program Type:** Predoctoral Fellowship **Institution:** University of Miami, Miami **City/State:** Coral Gables, FL  
**Project Title:** The Role of Osteopontin in Heart Failure with Preserved Ejection Fraction (HFpEF)  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Yu, Albert BA**

**Program Type:** Predoctoral Fellowship **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 **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 **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 **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

**Zaidan, Nur Zafirah BS, MS**

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

**Zasadny, Frederick BSE, MS**

**Program Type:** Predoctoral Fellowship **Institution:** George Washington University **City/State:** Washington, DC **Project Title:** Rapid spectral mapping of ventricular absorbance to quantify homeostatic energetics in failing hearts **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Zhang, Dingguo MBBS**

**Program Type:** Predoctoral Fellowship **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Collecting duct Bmal1 and circadian control of sodium excretion **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Zhang, Eric BA**

**Program Type:** Predoctoral Fellowship **Institution:** University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Role of SDF-1/CXCR4 signaling in recruitment of ckit+ bone marrow progenitor cells to the ischemic myocardium **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688

**Zhang, Hongxia MS, BS**

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

**Zhang, Kehan BS, BSE**

**Program Type:** Predoctoral Fellowship **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, Mengxue MBBS, MS**

**Program Type:** Predoctoral Fellowship **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, Yue MS**

**Program Type:** Predoctoral Fellowship **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

**Zhou, Wenping BS**

**Program Type:** Predoctoral Fellowship **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

**Zhu, Changyu BS, MA**

**Program Type:** Predoctoral Fellowship **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

**Zigmond, Zachary BSA**

**Program Type:** Predoctoral Fellowship **Institution:** University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** c-Kit Expression and Activation Protects the Vascular SMC Contractile Phenotype and Reduces Atherosclerosis **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** \$53,688