

**American Heart Association
Awardees by Program Type
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Predoctoral Fellowship

Abou Merhi, Sara BS,MS

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

Abshire, Elizabeth BS

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

Acoba, Michelle Grace BS

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

Aguado, Lauren BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** VP55: A virus-derived utility for the study of cardiac microRNA biology **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Ahn, Sung Ji MS,BS

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

Alawieh, Ali BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Medical University of South Carolina **City/State:** Charleston, SC **Project Title:** Targeted Complement Modulation in Stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Alba, Billie BS,BA

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

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Albertolle, Matt BS

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

Aliotta, Eric BS,MS

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

Amgalan, Dulguun BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: Albert Einstein College of Medicine **City/State:** Bronx, NY **Project Title:** BAX as a small molecule therapeutic target for myocardial infarction **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017
Total Years: 2 **Total Award Amount:** \$46,000

Andraski, Allison BS

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

Annamdevula, Naga Srilakshmi BS,MS

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

Assari, Soroush BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Temple University **City/State:** Philadelphia, PA **Project Title:** Investigation of Blood-Brain Barrier Disruption Mechanisms due to Blast-Induced Traumatic Brain Injury **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Ata, Hirotaka BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Mayo Clinic, Rochester **City/State:** Rochester, MN **Project Title:** Heart-specific gene knock-out zebrafish generation as a platform for future large scale drug repositioning studies **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Aw, Wen Yih BSC,BSC

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate

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Institution: Princeton University **City/State:** Princeton, NJ **Project Title:** The role of directed mechanical forces in coordinating planar cell polarity. **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Ayasoufi, Katayoun BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** Mechanisms of T cell reconstitution following antibody-mediated lymphoablation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Ayoub, Salma BS,MSE

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
Institution: The University of Texas at Austin **City/State:** Austin, TX **Project Title:** The Effect of Mechanical Stimuli on Mitral Valve Interstitial Cell Phenotypic State in Myxomatous Valve Disease **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Balmuth-Loris, Zachary BS

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

Banla, Ismael BS

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

Bartman, Colleen BA

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

Basu, Urmimala MS

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

Bays, Jennifer BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Links between E-cadherin-mediated force transmission and metabolism **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

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Becker, Alyssa BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Developing an Improved Method to Quantitate Perfusion and Assess Therapy in a Mouse Model of Peripheral Arterial Disease
Award Start Date: 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Bethel, Neville BS

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

Bhattacharya, Asmita BSE

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: Cornell University, Ithaca **City/State:** Ithaca, NY **Project Title:** Sell1L-Hrd1 mediated ERAD regulates cholesterol homeostasis in liver via degradation of HMG-CR **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Binder-Markey, Benjamin BSE

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

Bogorad, Maxim BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Boire, Timothy BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Vanderbilt University **City/State:** Nashville, TN **Project Title:** A Shape Memory, Drug-Eluting External Support for Improving Heart Bypass Surgeries **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Bolus, William BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Vanderbilt University **City/State:** Nashville, TN **Project Title:** Contribution of eosinophils to adipose tissue angiogenesis during weight gain and weight loss. **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Bowman, Caitlyn BS

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Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:**
Regulation of cardiac energy metabolism by substrate availability **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Bukowy, John BS,MS

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

Bunsawat, Kanokwan BS,PhD

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** The Role of Obesity on
Neurovascular Responses to Exercise **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Burman, Ankita MSc

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Vanderbilt University **City/State:** Nashville, TN **Project Title:** Role of HIF signaling in Idiopathic
Pulmonary Fibrosis and Secondary Pulmonary Hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Cai, Na BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:**
Regulation of TRPM7 channel-kinase by 14-3-3 proteins **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Cai, Xiaoying BS

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

Canfield, John BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of South Florida, Tampa **City/State:** Tampa, FL **Project Title:** A microRNA Based
Strategy to Treat Pulmonary Hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Cao, Danting MBBS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** SouthWest Affiliate

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

Cerqueira, Bianca BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Texas Health Science Center at San Antonio **City/State:** San Antonio, TX **Project Title:** Effects of chronic intermittent hypoxia on transient cerebral ischemia in rodents **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Cervantes, Marlene BS

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

Chabowski, Dawid BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Chai, Sam BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: MetroHealth Medical Center **City/State:** Cleveland, OH **Project Title:** Studying incomplete penetrance in a LQT2 family using cardiomyocytes differentiated from patient-derived iPS cells **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Chapp, Andrew BS,BS

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

Chaudhary, Parul MBBS

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

Chelvanambi, Sarvesh BA,MS

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

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Chen, Minna BSE

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

Chen, Yang BS

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

Chinnasamy, Prameladevi MS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: Albert Einstein College of Medicine **City/State:** Bronx, NY **Project Title:** Allograft Inflammatory Factor-1 in Atherothrombotic Vascular Disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Cho, Kyuwon MS,BS

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

Choi, Minjung BS

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

Choi, Hee Sun BS,MS

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

Choudhury, Songita BS

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

Chu, Lan BS

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Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** Role of a caspase-1 inhibitory protein in cardiovascular disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Chung, Heaseung Sophia BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Role of transient receptor potential canonical channel 6 in Duchenne muscular dystrophy via protein S-nitrosylation
Award Start Date: 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Chung, Jae BS

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

Chung, Jae-hoon BA

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

Clark, Lindsay BS

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

Cleland, Brice BS,MS

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

Coates, Sydney BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Collins, Kerrie BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide

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

Colomer Winter, Cristina BS,MS

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

Comeau, Eric BSE,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: University of Rochester River Campus **City/State:** Rochester, NY **Project Title:** Ultrasound standing wave field technologies for cell patterning and microvessel network formation in vitro and in situ. **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Cooke, Allison BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Cincinnati **City/State:** Cincinnati, OH **Project Title:** Apolipoprotein A-I as a docking interface for high density lipoprotein modifying proteins **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Corbitt, Holly BS

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

Cosselman, Kristen BA,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Western States Affiliate
Institution: University of Washington, Seattle **City/State:** Seattle, WA **Project Title:** Mechanisms and markers of the cardiovascular response to diesel exhaust in humans **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Crislip, Gene BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Augusta University **City/State:** Augusta, GA **Project Title:** The Impact of Sex on Renal Medullary Pericytes in Ischemia Reperfusion Injury **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Cui, Xinyuan BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** MRI Assessment of Coronary Endothelial Function using Native T1 Mapping with Nitric Oxide Synthase (NOS)

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

Cunningham, Christine BS

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

Dale, Bethany BA,MS

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

Davis, Ryan BS,MSc

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

Davis-Knowlton, Jessica BS,MS

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

Day, Jacob BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
Institution: Washington State University, Pullman **City/State:** Pullman, WA **Project Title:** Novel Sulfur Dioxide Donors and Their Cardioprotective Effects **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Deason, Krystin BS,MS

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

Dee, Rachel BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** GRAF3, a novel counter-regulator of smooth muscle cell contractility **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

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DeMarco, Kevin BS,MS

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

DeVallance, Evan BA,MSc

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

Diaz-Otero, Janice BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
Institution: Michigan State University **City/State:** East Lansing, MI **Project Title:** The effects of endothelial mineralocorticoid receptors in cerebral artery remodeling and endothelial injury **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Dineen, Stacey BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Indiana University, Indianapolis **City/State:** Indianapolis, IN **Project Title:** Effect of SERCA dysfunction and ER/SR stress on coronary artery disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Diny, Nicola

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins University **City/State:** Baltimore, MD **Project Title:** Eosinophil-derived IL-4 as the driver of inflammatory dilated cardiomyopathy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Dou, Huijuan BS

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

Downs, Kevin BS,MS

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

Ducasa, Gloria BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate

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

El Hajj, Elia BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Louisiana State University, New Orleans **City/State:** New Orleans, LA **Project Title:** Cardioprotective Effects of Lysyl Oxidase Inhibition **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Ely, Brett MS,BS

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

Eshaq, Randa BS,MA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Louisiana State University Health Sciences Center Shreveport **City/State:** Shreveport, LA **Project Title:** Platelet Endothelial Cell Adhesion Molecule-1 (PECAM-1) loss in diabetic retinopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Estrada, Ana BS

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

Falcao Alencar, Gabriel BS,BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** KLF4 dependent maintenance of microvascular integrity **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Farber, Gregory BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Fenix, Aidan BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Vanderbilt University **City/State:** Nashville, TN **Project Title:** Investigating the mechanisms of beta cardiac myosin II stacking during sarcomere formation and function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

**American Heart Association
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Fernando, Charmain BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Finney, Alexandra BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Fong, Kim BA

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

Freeman, Julianne BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** Title: Premotor cortex: A new target for stroke motor rehabilitation using transcranial magnetic stimulation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Full, Kelsie BA,MPH

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

Fuller, Miles BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** Pregnancy-induced changes in the gut microbiome enhance beta cell function via FFAR2 signaling **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Gardner, George BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Cincinnati **City/State:** Cincinnati, OH **Project Title:** The Role of Hsp20 and Its PKA-Phosphorylation in the Heart **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

George, Matthew BS

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Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Novel lincRNA Roles in Cardiac Development **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Gerassimov, Nathalie BA

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

Gerlach, Brennan BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: Albany Medical College **City/State:** Albany, NY **Project Title:** The role of Glia Maturation Factor gamma in smooth muscle cell migration **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Gibb, Andrew BS,MS

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

GRAHAM, Sarah BS,MA

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

Grande Gutierrez, Noelia BS,MS

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

Green, Ryan BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of South Florida, Tampa **City/State:** Tampa, FL **Project Title:** Role of NPRA Signaling in the Recruitment of Mesenchymal Stem Cells to Sites of Cardiovascular Injury and Inflammation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Gross, Polina BSC

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate

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

Guenther, Caitlin BSE

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

Guthmiller, Jenna BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Oklahoma Health Sciences Center **City/State:** Oklahoma City, OK **Project Title:** Role of CD138hi B cells in immunosuppression during experimental Plasmodium infection **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Guzzetta, Alexander BS

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

Haddad, Christopher BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Chicago **City/State:** Chicago, IL **Project Title:** Quantitative Image Analysis of Pial Collaterals in Acute Ischemic Stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Hagan, Andrew BS

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

Hammerling, Babette BA

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

Harrington, Rachael BA,MA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate

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Institution: Georgetown University **City/State:** Washington, DC **Project Title:** Noninvasive Stimulation of Intact Premotor Cortex Enhances Reaching Ability in Severely Impaired Patients after Stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Hayward, Amanda BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Hess, Daniel BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Role of perivascular cell-derived Oct4 in vascular remodeling following hindlimb ischemia **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Holdbrooks, Andrew BS,AS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Holloway, Ben BS

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

Hossain, Mir BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** Activation of human gamma-globin gene expression using artificial zinc finger DNA-binding domains **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Howe, Matthew BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Hu, Zhongjun MS,BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Florida State University **City/State:** Tallahassee, FL **Project Title:** The Three Dimensional Structure Study of Z-Disc And Relaxed Thick Filament In Insect Flight Muscle **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

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Huereca, Daniel BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Wayne State University **City/State:** Detroit, MI **Project Title:** Activity Dependent Changes in Functional and Morphological Characteristics Among Presympathetic Neurons of the RVLM **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Hum, Yee Fang BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Duke University Medical Center **City/State:** Durham, NC **Project Title:** Investigating the origin of spontaneous mitotic homologous recombination in *Saccharomyces cerevisiae* **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

IWAMOTO, Daniel BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: Yale University **City/State:** New Haven, CT **Project Title:** Investigating the Mechanistic Role of Zasp in Integrin Activation and Cellular Adhesion **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Jacobsen, Nicole BS

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

JANG, HYE IN BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Kentucky College of Medicine **City/State:** Lexington, KY **Project Title:** Shoc2 mediates hematopoietic signals of the ERK1/2 pathway. **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Jaykumar, Ankita Bachhawat BS, MSc

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

Jeong, Yong BS, MS

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

Ji, Sung G BS, MS

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

Jiang, Qize BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** Direct reprogramming of astrocytes to enhance functional recovery after stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Jin, Xueyao BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Structure and Regulation of Human Pannexin 1 Membrane Channels **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Johnston, Jermaine BSA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Endothelin and Circadian Fluid Electrolyte Control **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Joshi, Smita BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** The Role of Vesicle-Associated Membrane Proteins (VAMPs) in Differential Platelet Exocytosis and Granule Biogenesis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Jung, Oisun MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Wisconsin, Madison **City/State:** Madison, WI **Project Title:** Investigating a synergistic role of VEGFR2 and $\alpha 4\beta 1$ integrin in the shed Sdc1 complex **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Juttukonda, Lillian BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Vanderbilt University **City/State:** Nashville, TN **Project Title:** Dietary manganese levels govern the severity of Staphylococcus aureus infection of the heart **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Kadlec, Andrew BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate

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

Kafkova, Lucie MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: Research Foundation of SUNY **City/State:** Amherst, NY **Project Title:** Protein Arginine Methyltransferase Heteromer in Trypanosomes **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017
Total Years: 2 **Total Award Amount:** \$46,000

Kalita, Cynthia BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Kam, Chen Yuan BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** The desmosomal protein Desmoplakin binds the RhoGEF Ect2 to regulate cardiac gap junctions **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Karasik, Agnes MSc

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

Keleher, Madeline BS,BA

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

Keller, Alexander BS

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

Keller, Thomas BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate

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

Kelly-Goss, Margaret BS,MS

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

Khosravi, Ramak BS

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

Khoury, Nathalie BS,MS

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

Kim, Sun Kyung BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Betaglycan-mediated potentiation of TGF-beta signaling: Structural analysis of TGF-beta/betaglycan complexes **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Kim, Hyun-jung MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** Role of GTPase MTG1 in Mitochondrial Translation and Heart Disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Kim, Soo Young BS

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

Kim, Andrew BS

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

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Klemens, Christine BSC

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Ankyrin G Regulation of the Epithelial Sodium Channel after Aldosterone Stimulation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Kober, Daniel BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
Institution: Washington University, School of Medicine **City/State:** Saint Louis, MO **Project Title:** Structural, biophysical, and functional investigation of TREM2 interaction with ligands **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

KOO, Suejie BS

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

Kreienkamp, Raymond BA,BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: St. Louis University **City/State:** Saint Louis, MO **Project Title:** Vitamin D Receptor Deficiency in the Cardiovascular Pathology of Hutchinson-Gilford Progeria Syndrome **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Krieger, Jack BS

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

Kristofik, Nina BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: Yale University **City/State:** New Haven, CT **Project Title:** Thromboresistant and angiogenic cell-derived vascular graft coatings **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Krolikoski, Mia BA

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

Kuai, Rui MS,BS

**American Heart Association
Awardees by Program Type
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Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Michigan **City/State:** Ann Arbor, MI **Project Title:** The use of synthetic high density lipoproteins as carriers to regulate PCSK9 for LDL management **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Kurokawa, Yosuke BS

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

Kutyavin, Vassily BS

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

Kuwabara, Jill BA

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

Lafavers, Kaice BS, MPH

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

Lahaye, Stephanie BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Nationwide Children's Hospital **City/State:** Columbus, OH **Project Title:** The Novel Role of Gata4 in Semilunar Valve Development and Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

LAM, NGOC BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Arkansas, Fayetteville **City/State:** Fayetteville, AR **Project Title:** The role of mechanical stretch on valve interstitial cell remodeling **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Lambers, Erin BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** The Role of Foxc1 During the Differentiation of Embryonic Stem Cells Into Functional Cardiomyocytes **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

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Lambert, Jonathan BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
Institution: Temple University **City/State:** Philadelphia, PA **Project Title:** Defining the molecular function of MCUb and contribution to cardiac physiology **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018
Total Years: 2 **Total Award Amount:** \$51,900

Lawson, Reed BS

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

Le, Victoria BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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, Kwangwoon BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: Graduate Center, CUNY **City/State:** New York, NY **Project Title:** Structural Studies of Calcium/Calmodulin Dependent Elongation Factor 2 Kinase Activation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Lee, Bo Hyun MS,BS

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

Lefferts, Wesley BS,MS

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

Lei, Yuk Man BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

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Lemke, Stefan BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Lertkiatmongkol, Panida MSc,BSC

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Blood Center of Wisconsin **City/State:** Milwaukee, WI **Project Title:** The role of N-glycans on the adhesive properties of the vascular cell adhesion and signaling receptor, PECAM-1 **Award Start Date:** 7/1/2016
Award End Date: 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Lever, Jeremie BS

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

Li, Melissa BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Washington University, School of Medicine **City/State:** Saint Louis, MO **Project Title:** rpL13a snoRNAs and doxorubicin-induced cardiotoxicity **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017
Total Years: 2 **Total Award Amount:** \$52,000

Li, Bian BS,MS

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

Li, Xueyi MS,BS

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

Liang, Raymond BS

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

Little, Hannah BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate

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Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Elucidation of the physiological role of the novel muscle-derived hormone, myonectin, in lipid metabolism **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Liu, Yujia BS

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

Lombardi, Alyssa BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Temple University **City/State:** Philadelphia, PA **Project Title:** Novel targets to inhibit programmed necrosis in ischemia-reperfusion injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Lou, Liping PhD,BSE

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

Louka, Panagiota BS,MSc

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

Lu, Xinran BS

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

Lu, Haocheng MD

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Lubbers, Ellen BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Defining the Role of alpha II Spectrin in Cardiac Function and Disease **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

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Luongo, Timothy

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Temple University **City/State:** Philadelphia, PA **Project Title:** The role of the mitochondrial calcium uniporter (MCU) in the development and progression of heart failure **Award Start Date:** 7/1/2015
Award End Date: 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Mahamud, Riya BS,MS

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

Makaju, Aman BSC

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

Maliken, Bryan BA

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

Mangum, Kevin BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Transcriptional regulation of the SMC-specific hypertension-associated gene GRAF3 **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Manheimer, Kathryn BA

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

Marcum, Ryan BS,MSc

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

Marinelarena, Alejandra BA

**American Heart Association
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Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
Institution: University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** A novel dendritic cell subset that selectively expands Tregs; Potential treatment for type 1 diabetes **Award Start Date:** 1/1/2017
Award End Date: 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Markovitz, Amanda BS,MPH

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

Matasic, Daniel BS,MBA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Matsuura, Timothy BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** The Consequence of Cardiac Arrest and Resuscitation on Mitochondrial Function and Structure **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

McCann, Maximilian BS

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

McCarthy, Megan BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Structural dynamics of calmodulin in regulation of cardiac calcium release **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Meyer, Dylan BS

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

Molaei, Maral BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide

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

Mondesir, Favel BS,MS

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

Montaniel, Kim Ramil BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Vanderbilt University **City/State:** Nashville, TN **Project Title:** Role of miR-762 in hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Montefiori, Lindsey BS

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

Monteiro, Cecilia MD

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

Moss, Mary BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
Institution: Tufts Medical Center **City/State:** Boston, MA **Project Title:** The Role of Endothelial Cell Mineralocorticoid Receptors in the Development of Vascular Inflammation and Atherosclerosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Moss-Taylor, Lindsay BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Genetic Analysis of TGF-Beta signaling in the control of growth during animal development **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Mouton, Alan BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Louisiana State University, New Orleans **City/State:** New Orleans, LA **Project Title:** Effects of Chronic Alcohol Abuse on Progression of Cardiac Remodeling **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

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Moyzis, Alexandra BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Regulation of Mitochondrial Dynamics and Turnover by MCL-1 **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018
Total Years: 2 **Total Award Amount:** \$51,900

Mui, Ryan BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Michigan State University **City/State:** East Lansing, MI **Project Title:** Inflammation-induced sympathetic neurotransmission dysfunction in salt-sensitive and obesity-associated hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Mukhitov, Nikita BS

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

Mulla, Wahid BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Johns Hopkins University **City/State:** Baltimore, MD **Project Title:** The pathogenesis of cardiovascular diseases in perspective of aneuploidy and epigenetic regulation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Nelson, Tyler BS,MS

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

Nelson, Sarah BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Structural effects of arrhythmia mutations on the calmodulin-RyR complex **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Nelson, James BS

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

Nguyen, Huynh Nga BS,BA

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

Nissanka, Nadee ME,BS

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

Ogunbona, Oluwaseun MBBS,BSC

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Novel mechanisms of regulation of mitochondrial cytochrome c oxidase by the ADP/ATP carrier **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Osinski, Victoria BS

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

Ostendorf, Danielle MS,BS

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

Padgett, Leah BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Indiana University, Indianapolis **City/State:** Indianapolis, IN **Project Title:** TgE1p3: a novel mitochondrial acetyltransferase and drug target in the heart pathogen *Toxoplasma gondii* **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Papp, Stephanie BA

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

Patel, Divya BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate

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

Pedde, Meredith BA,MPA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
Institution: University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Long-Term Coarse Particulate Matter Exposure as a Risk Factor for Cardiovascular Disease: Evidence from MESA **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Perry, Nicole BS,BA

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

Peterson, Jennifer BSN,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, Irvine **City/State:** Irvine, CA **Project Title:** Biobehavioral and Developmental Tactile Responses in Infants With Cardiac Defects **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Pham, Grace MS

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

Phan, Hoa BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Michigan State University **City/State:** East Lansing, MI **Project Title:** EFFECTS OF HUMAN RGS2 PROTEIN MUTATION IN CARDIOVASCULAR DISEASE **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Piehl, Dennis BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Illinois, Champaign-Urbana **City/State:** Urbana, IL **Project Title:** Structural Determinants of Cardiac Light Chain Amyloidosis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Piety, Nathaniel

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

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Pipathsouk, Anne BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Postema, Meagan BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Premer, Courtney BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** Endothelial Function in Heart Failure Patients receiving Mesenchymal Stem Cell Therapy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Price, Andrew BS

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

Puchades Garcia, Cristina MSc

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

Pulos, Mia BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, Berkeley **City/State:** Berkeley, CA **Project Title:** Alternative Translational Regulation of Ferritin Expression via eIF3 During Reperfusion **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Purkey, Alicia BA

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

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Qing, Hua MD,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Telomerase in atherosclerosis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Rahman, Shamma BSC,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Nebraska Medical Center, Omaha **City/State:** Omaha, NE **Project Title:** Regulation of urine volume and osmolality by EHD4 **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Ramadin, Jessica BA

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

Ramms, Bastian BSC,MSc

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

Ray, Mitali BS

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

Rayasam, Aditya BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Wisconsin, Madison **City/State:** Madison, WI **Project Title:** Molecular mechanisms for T cell damage following stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Rhoads, Megan BS

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

Richter, Jenna BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Western States Affiliate

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

Rickel, Robert BSE,MSE

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

Rinehold, Kaitlyn BS,MS

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

Robinson-Hamm, Jacqueline BS

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

Ross, Amanda BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Pennsylvania State University, Hershey **City/State:** Hershey, PA **Project Title:** Coronary Vascular Regulation in Peripheral Arterial Disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Roteta, Leslie BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Vanderbilt University **City/State:** Nashville, TN **Project Title:** Mechanisms of HDL-microRNA Intercellular Communication in Atherosclerosis associated with Type 2 Diabetes. **Award Start Date:** 7/1/2015
Award End Date: 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Ruegsegger, Gregory BS

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

Rysted, Jacob BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** The Role of Mitochondrial Ca²⁺ Uniporters MCU and MCUb in Neuronal Ca²⁺ Signaling and Stroke Associated Neurotoxicity **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

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Sandgren, Jeremy BS

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

Santos, Alicja

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Chicago **City/State:** Chicago, IL **Project Title:** Dissecting molecular mechanisms for myosin motor navigation. **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Sawicki, Elizabeth BS,MS

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

Schickling, Brandon BS

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

Schroer, Alison BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Vanderbilt University **City/State:** Nashville, TN **Project Title:** Investigating the role of cadherin-11 in myocardial remodeling after myocardial infarction **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Schultz, Aric BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Michigan Medical Center **City/State:** Ann Arbor, MI **Project Title:** Molecular Mechanisms of Egress in Toxoplasma gondii **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Schwan, Jonas MS

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

Schwartz-Duval, Aaron BS

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

SCOTT, Charles BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Chaperonin complex members and chromatin remodelers in cardiovascular disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Segar, Claire BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Georgia Tech Research Corporation **City/State:** Atlanta, GA **Project Title:** Engineered Hydrogels for Temporal Regulation of Monocyte Recruitment **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Seidman, Jason MA,BS

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

Shah, Millie BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Systems-biology approaches for studying chronic coxsackieviral heart disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Sharma, Aabha BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** The unique lipid composition of the trypanosome ciliary membrane and its role in signaling **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Shekar, Aparna BSE

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

Shepherd, Daniel BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate

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Institution: Loyola University Medical Center **City/State:** Maywood, IL **Project Title:** Effect of anti-Nogo-A immunotherapy on neurogenesis after stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Shepherd, Maxwell BS

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

Shin, Boyoung BS

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

Shosha, Esraa BSC

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Augusta University **City/State:** Augusta, GA **Project Title:** Mechanisms Of Vasoprotection In Retinal Ischemia Reperfusion Injury: Role Of Arginase **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Shrum, Stephen BA

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

Sifuentes, Mikaela BS

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

Simmons, Rachel BSE

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Georgia Tech Research Corporation **City/State:** Atlanta, GA **Project Title:** Role of Endothelial miR-663 in Atherosclerosis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Snider, Chloe BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide

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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

Solanki, Sumeet BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Toledo Health Science Campus **City/State:** Toledo, OH **Project Title:** Role of TRPC3 channels in polarized M1 macrophage apoptosis and its impact in advanced atherosclerotic lesions.
Award Start Date: 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Song, Jianrui MA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Regulation of myeloid cell phenotypes by the mineralocorticoid receptor during stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Song, Shufei BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Pennsylvania **City/State:** Philadelphia, PA **Project Title:** Elucidating Chromatin Based Mechanisms of Cell Senescence **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Soroush, Fariborz BS,MS

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

Stafford, Joshua BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Stewart, Rachel BS

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

Stiers, Kyle BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

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Su, Pan BS

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

Sun, Jenny BS,BA

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

Sure, Venkata MS

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

Surya, Vinay BS

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

Taylor, Matthew BS

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

Teoh, Jian Peng BS

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

Thirugnanasambandam, Mirunalini BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Texas San Antonio **City/State:** San Antonio, TX **Project Title:** Clinical Management
of Abdominal Aortic Aneurysms using Patient-Specific Tissue Mechanics **Award Start Date:** 7/1/2015 **Award
End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Tian, Fangyun BS,MPH

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Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Corticocardiac Coupling in Ischemic Stroke-Induced Sudden Death **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Tilwawala, Gopesh BSE,ME

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

Tobin, Matthew BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** Mesenchymal stem cell promoted neuroregeneration following ischemic stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Toomer, Katelynn BS

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

Trac, David BS,BA

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

Trembley, Michael BS,MS

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

Trincot, Claire BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Cardioprotective effects of adrenomedullin in a model of myocardial infarction **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Tsai, Chang-Ru BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** South West Affiliate

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

Tsui, Tsz Kin Martin BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Florida State University **City/State:** Tallahassee, FL **Project Title:** Molecular Mechanism and Target Specificity of CRISPR type II-Cas9 **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Tsui, Jonathan BS,ME

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

Tuladhar, Shraddha BS

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

Turner, Emily BS

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

Tutwiler, Valerie BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Pennsylvania **City/State:** Philadelphia, PA **Project Title:** Blood clot contraction: relation to cell stiffness and fibrinolysis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Uchida, Keita BA

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

Upadhye, Aditi BS

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

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Urak, Kevin BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Valkov, Nedyalka MS,BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: Brown University **City/State:** Providence, RI **Project Title:** A novel inhibitory role of microRNA-1 in cardiac fibroblast activation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Vandergriff, Adam BSE,MS

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

Vetter, Anthony BS

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

Vidmar, David MS

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

Von Holle, Ann MA,MS

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

von Roemeling, Christina BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

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Vu, Simon BS

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

Wagner, Andrew BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Western States Affiliate
Institution: University of Oregon, Eugene **City/State:** Eugene, OR **Project Title:** WISH/DIP1/SPIN90 Proteins Seed Assembly of Branched Actin Networks **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Wales, Jessica BS

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

Wan, Jun BS,MS

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

Wang, Brian BSC

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of North Texas Health Science Center, Fort Worth **City/State:** Fort Worth, TX **Project Title:** AMPK Signaling Regulates Neurogenesis in the Ischemic Aged Brain **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Wang, Xinrui BA

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

WANG, HUI BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Wescott, Andrew BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate

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

West, Toni BS,BS

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

Woehl, Jordan BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Kansas State University, Manhattan **City/State:** Manhattan, KS **Project Title:** Inhibition of the Classical and Lectin Pathways of Complement by *S. aureus* Eap **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Wolff, Ian BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
Institution: Northwestern University, Evanston **City/State:** Evanston, IL **Project Title:** Characterization of Kinesin-12/KLP-18 activity essential for centrosomal 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

Wu, Fuqing BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Western States Affiliate
Institution: Arizona State University, Tempe **City/State:** Tempe, AZ **Project Title:** Engineering a multistable MINPA gene network to regulate cell fate determination **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Wu, Kuanlin BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Wylie, Lyndsay BS

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

Xing, Zheng BS

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

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Yang, Tingli BA

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

Yang, Chieh-ling BS,MS

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

Yeh, Yang BA,BA

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

Yeung, David

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

Yokom, Adam BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Structural Characterization of Neuronal Nitric Oxide Synthase by Electron Microscopy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Yonezawa, Aline BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** Engineering an aortic heart valve with cellular and mechanical functionality **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Yu, Albert BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

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Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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, Yujia BSC

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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

Zasadzinska, Ewelina MSE,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Epigenetic inheritance during DNA replication **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$50,000

Zeng, Rui BS

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

Zhang, Shuang BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate
Institution: Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** CARDIOMYOCYTE EFFEROCYTOSIS IN MYOCARDIAL INFARCTION AND INFLAMMATION RESOLUTION **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Zhang, Xun MD

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of South Florida, Tampa **City/State:** Tampa, FL **Project Title:** Signaling Mechanisms Controlling Sphingosine-1-Phosphate-Induced Microvascular Barrier Enhancement **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Zhang, Jie BA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of South Florida, Tampa **City/State:** Tampa, FL **Project Title:** NOS1 beta in the macula densa protects females in Ang II-induced hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Zhang, Hanming BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate

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

Zhang, Hanyu MS,BS

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

Zhang, James BSE

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

Zhang, Yue MS

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

Zhang, Jimmy BA,MS

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

Zhou, Liye BS,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: SUNY Downstate Medical Center **City/State:** Brooklyn, NY **Project Title:** Identification of human microRNAs modulating ApoB and ApoAI secretion **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Zhou, Yi BS,BS

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

zhu, wandi BSE

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Midwest Affiliate

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Institution: Washington University **City/State:** Saint Louis, MO **Project Title:** Molecular Pathologies of Atrial Fibrillation-linked Nav. B-subunit mutations **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

Zhu, Ruijun MA,BS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate
Institution: Columbia University, New York **City/State:** New York, NY **Project Title:** Mechanisms of nuclear positioning during muscle differentiation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

Zhu, Qiang MD,MS

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Impact of FAK-dependent suppression of autophagic flux on cardiac homeostasis and pathobiology **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

Zhu, Changyu BS,MA

Program Type: Predoctoral Fellowship/Portfolio **Funding Source:** Association Wide
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