

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

Grant-in-Aid

Abid, Ruhul PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Rhode Island Hospital **City/State:** Providence, RI **Project Title:** Mechanism for differential Effects of Short-term and Long-term Increase in ROS on Endothelium **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Abrahams, Vikki BSC,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Yale University **City/State:** New Haven, CT **Project Title:** Role of TAM receptors in modulation of trophoblast function and vascular remodeling in obstetric APS **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$197,799

Adar, Sara ScD,MHSc

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Neighborhood Noise as a Modifiable Risk Factor for Incident Hypertension: Evidence from Two Cohort Studies **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$148,434

Adebiyi, Adebowale PhD

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

Adefeso, Omolola PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Deformable hydrogel particles for delivery of targeted nanoparticles to vascular wall in CAD **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Agopian, A PhD

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

Ahmad, Ferhaan MD,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** A Genetic Analysis of the Role of SGLT1 in Cardiac Ischemia-Reperfusion Injury **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

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Alevriadou, Barbara Rita BS,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Redox Regulation of Autophagy in Postischemic Vascular Endothelial Cells **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Alkayed, Nabil MD,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: Oregon Health & Science University, Portland **City/State:** Portland, OR **Project Title:** Role of Pericytes in Control of Capillary Perfusion in Brain **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Anderson, Gregory PhD,BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Indiana University, Indianapolis **City/State:** Indianapolis, IN **Project Title:** Magnesium Regulation of Chronic Pseudomonas aeruginosa Biofilm Infection **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Angel, Peggi PhD

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

Angelos, Mark

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Preconditioning of human induced pluripotent stem cell derived cardiomyocytes **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Araujo, Jesus PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Air Pollution, Myeloid HO-1 Expression and Cardiovascular Toxicity **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Armoundas, Antonis PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Massachusetts General Hospital **City/State:** Boston, MA **Project Title:** Novel Pacing Methods for the Prevention of Ventricular Arrhythmias **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Askwith, Candice PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate

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Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Delta Opioid Receptor Regulation of Acidotoxicity Following Ischemia **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018
Total Years: 2 **Total Award Amount:** \$154,000

Atabai, Kamran MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Role of Mfge8 in promoting obesity through fat absorption **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017
Total Years: 2 **Total Award Amount:** \$140,000

Babu, Gopal PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Reduction in sarcolipin expression ameliorates cardiomyopathy in mdx mice **Award Start Date:** 7/1/2016
Award End Date: 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Bachschnid, Markus PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Boston University Medical Campus **City/State:** Boston, MA **Project Title:** Impaired cysteine-thiol redox signaling in metabolic cardiovascular disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018
Total Years: 3 **Total Award Amount:** \$198,000

Back, Stephen MD PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Oregon Health & Science University, Portland **City/State:** Portland, OR **Project Title:** Role of Extracellular Matrix in Perinatal Hypoxia-Ischemia **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018
Total Years: 2 **Total Award Amount:** \$154,000

Bailey, E Fiona PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of Arizona, Tucson **City/State:** Tucson, AZ **Project Title:** Respiratory strength training mitigates hypertension and sleep fragmentation in obstructive sleep apnea **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Baker, Anthony PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Novel Therapy for Right Ventricular Failure **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Barbieri, Riccardo PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Massachusetts General Hospital **City/State:** Boston, MA **Project Title:** EFFECTS OF TRANSCUTANEOUS VAGAL NERVE STIMULATION ON HYPERTENSION **Award Start Date:** 1/1/2016
Award End Date: 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

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Barone Gibbs, Bethany PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Sedentary Behavior across Pregnancy and Cardiovascular Health **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Barsegov, Valeri PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: University of Massachusetts, Lowell **City/State:** Lowell, MA **Project Title:** Exploring molecular structural origins of fibrin mechanobiology **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Bauer, Katherine PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Michigan **City/State:** Ann Arbor, MI **Project Title:** Restrictive Feeding, Eating Behavior, and Obesity Among Children **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Bayless, Kayla PhD

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

Bellan, Leon PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Vanderbilt University **City/State:** Nashville, TN **Project Title:** Host tissue integration with multiscale, immediately endothelialized artificial vascular networks in hydrogel scaffolds **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

Bennett, Anton PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Yale University **City/State:** New Haven, CT **Project Title:** Congenital Heart Disease Mechanisms by PTPN11/SHP2 **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Berkowitz, David BS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Nebraska, Lincoln **City/State:** Lincoln, NE **Project Title:** Modulating H2S- and D-Serine-Signaling in the Brain: A New Approach to Combatting Ischemic Neuronal Cell Damage **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Bhaumik, Sukesh PhD

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Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Southern Illinois University, Carbondale **City/State:** Carbondale, IL **Project Title:** Towards deciphering new regulatory mechanisms of gene expression associated with cardiovascular diseases **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Biddinger, Sudha MD PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Boston Children's Hospital **City/State:** Boston, MA **Project Title:** Mechanisms by which FMO3 promotes cardiovascular disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

BILLINGER, Sandra PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Kansas Medical Center **City/State:** Kansas City, KS **Project Title:** Understanding Cardiovascular Risk and Cerebrovascular Regulation in Older Adults **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Bisello, Alessandro PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Role of EBP50 in neointimal hyperplasia **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Black, Lauren PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Tufts University, Medford **City/State:** Medford, MA **Project Title:** A 3-D model of the infarct microenvironment for the evaluation of delivery strategies for cell-based therapies following **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Blank, Robert BA,BA

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Medical College of Wisconsin **City/State:** Milwaukee, WI **Project Title:** Role of Ece1 in Maternal Vascular Remodeling During Pregnancy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Blaustein, Mordecai

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of Maryland, Baltimore **City/State:** Baltimore, MD **Project Title:** Arterial Na/Ca exchanger, sympathetic nerve activity and hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Boisvert, William BS,MS

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

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Institution: University of Hawaii **City/State:** Honolulu, HI **Project Title:** Role of CD98 in smooth muscle cell proliferation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Boudina, sihem PhD

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

Boyer, Laurie PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Massachusetts Institute of Technology **City/State:** Cambridge, MA **Project Title:** Interpreting non-coding genetic variants associated with cardiac traits using epigenomic signals **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Burleigh, Barbara PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Harvard School of Public Health **City/State:** Boston, MA **Project Title:** Identification of functional pathways in human cardiomyocytes required for Trypanosoma cruzi infection. **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

CAI, Chenleng PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** Is11 Transcriptional Program in SHF Cardiac Progenitor Cell Development **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Calvert, John PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** Hydrogen Sulfide therapy ameliorates diabetic cardiomyopathy via inhibition of PTP1B **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Campbell, Kenneth PhD,BA

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Transmural variation in cellular level contraction **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Campbell, Stuart BS, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Yale University **City/State:** New Haven, CT **Project Title:** The role of mechanical loading in the pathogenesis of arrhythmogenic cardiomyopathy **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

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Candelario-Jalil, Eduardo PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** Prostacyclin Receptor Activation and Neurovascular Protection in Ischemic Stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Chan, Stephen PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Interrogating an Argonaute 2 Switch to Regulate Circulating miR-210 and to Coordinate Remote Ischemic Protection **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Chang, Todd MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: Children's Hospital Los Angeles **City/State:** Los Angeles, CA **Project Title:** Using leaderboards to improve CPR simulation practice among healthcare professionals **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Chang, Benny PhD

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

Chen, Yingjie MD PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Effect of eIF4E3 on congestive heart failure development **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Chen, Qun MD,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Virginia Commonwealth University, Richmond **City/State:** Richmond, VA **Project Title:** Inhibition of pyruvate dehydrogenase in heart during ischemia-reperfusion: role of mitochondrial calpain 1 activation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Chen, Min PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** AUTOPHAGY IN THE PERSISTENCE OF AUTOREACTIVE MEMORY B CELLS AND AUTOANTIBODY PRODUCTION **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

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Chen, Jau-Nian PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Molecular Mechanisms of Cardiac Differentiation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Chen, Weiqin MS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Augusta University **City/State:** Augusta, GA **Project Title:** Novel role of BSCL2 in brown adipose tissue development and function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Chen, Miaohsueh PhD

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

Chen, Xiaoli PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Protective role of Pentraxin 3 in adipose tissue inflammation and metabolic stress **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,917

Cheng, Jizhong MD,BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** Epigenetic alterations of GSTA4 regulate CKD-induced vascular remodeling **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Cheung, Joseph MD,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Temple University **City/State:** Philadelphia, PA **Project Title:** TRPM2 and Oxidative Cardiac Injury **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Chin, Michael PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of Washington, Seattle **City/State:** Seattle, WA **Project Title:** Analysis of molecular pathways induced by in utero diesel exposure that mediate adult susceptibility to heart failure **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Chishti, Athar MS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate

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Institution: Tufts University, Boston **City/State:** Boston, MA **Project Title:** Regulation of calcium homeostasis in platelets **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Cho, Jaehyung PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** Platelet ERO1alpha-PDI signaling in regulating platelet-neutrophil interaction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Clancy, Colleen PhD,BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, Davis **City/State:** Davis, CA **Project Title:** Computational Cardiac Pharmacology **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Clements, Richard PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Rhode Island Hospital **City/State:** Providence, RI **Project Title:** BKCa activation for enhanced coronary and myocardial protection during cardiac surgery in large animals **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Clyne, Alisa PhD,BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Drexel University **City/State:** Philadelphia, PA **Project Title:** Impaired endothelial cell mechanosensing and metabolism in pulmonary arterial hypertension **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Cohen, Ethan PhD,BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** Fzd2 acts via beta-catenin to maintain cardiac progenitor cells and promote cardiomyocyte differentiation **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Cooke, Daniel MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Bevacizumab therapy for brain arteriovenous malformations. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Coombes, Stephen PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** Structure and Function of Premotor Cortex in Chronic Stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

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Cornea, Razvan PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** High-Throughput Screens to Discover Small-Molecule RyR2 Modulators for Heart Failure Therapy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Cui, Jian PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Pennsylvania State University, Hershey **City/State:** Hershey, PA **Project Title:** Beneficial effects of moderate heating on cardiovascular control in heart failure **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Cunha, Shane PhD

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

Czirok, Andras PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Kansas Medical Center **City/State:** Kansas City, KS **Project Title:** Interplay between cardiomyocyte maturation and ECM micromechanics. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Dando, Robin BSC,MSc

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Cornell University, Ithaca **City/State:** Ithaca, NY **Project Title:** Obesity Induces Apoptosis of Taste Cells, Compromising Our Ability to Taste **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Davies, Ryan MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Nemours Alfred I. DuPont Hospital for Children **City/State:** Wilmington, DE **Project Title:** Predictors of Individual Variation in Neurodevelopmental Outcomes Among Children Undergoing Cardiac Surgery **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Davis, Ian PhD,DVM

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Modulation of influenza pathogenesis by alterations in anion channel function **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

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Day, Sharlene MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Michigan Medical Center **City/State:** Ann Arbor, MI **Project Title:** Disruption of Proteostasis in Hypertrophic Cardiomyopathy Caused by Truncating Mutations in Myosin Binding Protein C
Award Start Date: 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

de Caestecker, Mark PhD, MBBS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Vanderbilt University Medical Center **City/State:** Nashville, TN **Project Title:** BMPR2-dependent metabolic reprogramming in pulmonary arterial hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

debold, edward PhD, MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: University of Massachusetts, Amherst **City/State:** Amherst, MA **Project Title:** The Molecular Basis of Contractile Failure in Muscle Fatigue **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Decampli, William MD, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Central Florida Research Foundation, Inc. **City/State:** Orlando, FL **Project Title:** Hemodynamics of Novel Hybrid Approach to Comprehensive Stage II Operation for Single Ventricle **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Dedkova, Elena PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of California, Davis **City/State:** Davis, CA **Project Title:** Beta-hydroxybutyrate and its polymers in diabetic hearts: implications for physiology and cardioprotection **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Delisle, Brian BS, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** The Cardiomyocyte Molecular Clock Regulates the Functional Expression of Scn5a **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Despa, Florin MSc, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Amylin vasculopathy, a therapeutic target to reduce stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Dikalova, Anna PhD

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

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Institution: Vanderbilt University Medical Center **City/State:** Nashville, TN **Project Title:** Sirtuin 3 Inactivation and SOD2 Hyperacetylation in Vascular Oxidative Stress and Hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Ding, Shinghua PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Missouri, Columbia **City/State:** Columbia, MO **Project Title:** The role of reactive astrocytes-derived GDNF in neural regeneration after focal ischemic stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Donahue, J Kevin BA,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: University of Massachusetts Medical School **City/State:** Worcester, MA **Project Title:** AAV gene therapy-mediated prevention of atrial fibrillation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Dong, Wenji MS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Washington State University, Pullman **City/State:** Pullman, WA **Project Title:** Mechanistic roles of troponin, titin and MyBPC in sarcomere length-dependent function of cardiac myofilament **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Donnino, Michael BA,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Beth Israel Deaconess Medical Center **City/State:** Boston, MA **Project Title:** Neuromuscular Blockade for Management of Post-Cardiac Arrest Patients **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Dore, Sylvain PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** To Investigate the Unique Role and Putative Mechanism of CD163-Mediated Protection Against ICH **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Du, Yong PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Practical Dynamic Cardiac Imaging Using Dual-Head SPECT Camera **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Durante, William PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Missouri, Columbia **City/State:** Columbia, MO **Project Title:** Glutaminase and endothelial cell function **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

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Eghbali, Mansoureh PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Sex differences in myocardial ischemia/reperfusion injury **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Eguchi, Satoru PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Temple University **City/State:** Philadelphia, PA **Project Title:** Hypertensive vascular remodeling via a caveolae-localized ADAM17 kinase, BMX **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Eichenbaum, Zehava BS,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Georgia State University **City/State:** Atlanta, GA **Project Title:** Mechanisms for heme uptake and degradation in rheumatic streptococci: new antibacterial venues **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

England, Pamela PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Developing Synthetic Ligands for Nuclear Receptor LXR-1 **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Fairweather, DeLisa PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Mayo Clinic, Jacksonville **City/State:** Jacksonville, FL **Project Title:** Sex differences in VitD during myocarditis/DCM **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Fan, Qing PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Columbia University, New York **City/State:** New York, NY **Project Title:** Molecular mechanisms of human extracellular calcium-sensing receptor function **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Fan, Fan MD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Mississippi Medical Center **City/State:** Jackson, MS **Project Title:** Role of 20-HETE on aging and hypertension related cerebral vascular disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Fan, Hua-Ying PhD

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Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Pennsylvania **City/State:** Philadelphia, PA **Project Title:** Epigenetic Regulation of Notch Signaling **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Faustino, E. Vincent BS,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Yale University **City/State:** New Haven, CT **Project Title:** Prevention of central venous catheter-associated thrombosis in critically ill children **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Fedorov, Vadim PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Structural and Molecular Atrial Substrates of the Human Atrial Fibrillation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Feliers, Denis PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Texas Health Science Center at San Antonio **City/State:** San Antonio, TX **Project Title:** Aminopeptidase-N: a novel target in diabetic nephropathy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

feng, jun MD,MSc

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Rhode Island Hospital **City/State:** Providence, RI **Project Title:** Metabolic Regulation of Endothelial SKCa/IKCa Channels and Coronary Endothelial Function **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Feoktistov, Igor PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Vanderbilt University **City/State:** Nashville, TN **Project Title:** Role of A2B adenosine receptors in differentiation of infiltrating mononuclear leukocytes during myocardial infarction **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

Ferrari, Giovanni PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Pennsylvania **City/State:** Philadelphia, PA **Project Title:** Oxidative DNA damage and MicroRNA regulation in subclinical aortic valve disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Ferreri, Nicholas PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate

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Institution: New York Medical College **City/State:** Valhalla, NY **Project Title:** Targeting of renal TNF as a determinant of blood pressure regulation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Fishbein, Ilia PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: The Children's Hospital of Philadelphia **City/State:** Philadelphia, PA **Project Title:** Induction of prohealing macrophage phenotype with stent-eluted gene vectors for the prevention of restenosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Fong, Guo-Hua BSC,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: University of Connecticut, Farmington **City/State:** Farmington, CT **Project Title:** Negative feedback regulation of vascular development by blood vessel-derived signals **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Ford, David PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: St. Louis University **City/State:** Saint Louis, MO **Project Title:** Dietary and Myeloperoxidase-Derived Chlorinated Lipids in Atherosclerosis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Fraidenraich, Diego PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Mechanisms of endomyocardial fibrosis caused by loss of extracardiac Id **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Francis, Joseph PhD,DVM

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Louisiana State University, Baton Rouge **City/State:** Baton Rouge, LA **Project Title:** Role of High Mobility Box-1 in Hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Friebs, Ingeborg MD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Boston Children's Hospital **City/State:** Boston, MA **Project Title:** Mitochondrial Transplantation to Prevent Heart Failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Fu, Qi MD,PhD

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

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Fu, Mao MD PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Maryland, Baltimore **City/State:** Baltimore, MD **Project Title:** Functional genetic variants for lipoprotein(a) levels **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2
Total Award Amount: \$154,000

Fuentes, Ernesto MS, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Biological function and inhibition of Tiam1/syndecan-1 interactions **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Gabrielson, Kathleen PhD, DVM

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** A feedback loop between ErbB2 and beta 2-adrenergic receptor in cardioprotection **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Galkin, Vitold PhD

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

Garat-Carter, Chrystelle PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Colorado, Aurora **City/State:** Aurora, CO **Project Title:** Role of the transcription factor CREB in the development of pulmonary hypertension. **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Gardner, Jason PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Louisiana State University, New Orleans **City/State:** New Orleans, LA **Project Title:** Excess cardiac lysyl oxidase activity promotes systolic dysfunction. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Garrity, Deborah PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Colorado State University, Fort Collins **City/State:** Fort Collins, CO **Project Title:** Properties of the developing heart that mediate its biomechanical environment **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Gaudet, Rachelle PhD

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Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Harvard University, Cambridge **City/State:** Cambridge, MA **Project Title:** Direct Identification of Druggable Sites in TRPA1 **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

George, James MS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Mononuclear Phagocytes in Acute Kidney Injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

George, Eric PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Mississippi Medical Center **City/State:** Jackson, MS **Project Title:** A novel therapy for preeclampsia **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Gebre, Yohannes PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** The PPAR α /miR-146a Axis Protects against Endothelial Dysfunction and Prevents Atherosclerosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Ghosh, Asish PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** Acetyltransferase p300 in myofibroblast differentiation and cardiac fibrosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Gingras, Alexandre BSC,MSc

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Regulation of endothelial cell junctions: Structural biology of Rasip1 **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$140,000

Gohil, Vishal PhD

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

Goldfinger, Lawrence PhD,BSC

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate

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Institution: Temple University **City/State:** Philadelphia, PA **Project Title:** Regulation of platelet function by the TC21-RhoGnexus **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Gomes, Aldrin PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, Davis **City/State:** Davis, CA **Project Title:** Role of reactive oxygen species in NSAID induced cardiotoxicity **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Gonzalez Bosc, Laura BA, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of New Mexico - Health Sciences Center **City/State:** Albuquerque, NM **Project Title:** Adaptive Immunity in Pulmonary Hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Gooch, Keith PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Matrix stiffness and cardiac fibroblast phenotype **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Goodman, Joel PhD, BA

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

Goukassian, David MD PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Temple University **City/State:** Philadelphia, PA **Project Title:** TNF-TNFR1 signaling inhibition for stem cell-based myocardial repair and regeneration **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Graham, Linda MD, OTR

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** HDL Blocks TRPC5 Activation and Preserves Endothelial Cell Migration **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Greif, Daniel MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Yale University **City/State:** New Haven, CT **Project Title:** Aortic wall morphogenesis and disease: clonal architecture and beta integrins **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

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Griffin, Courtney PhD,BA

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: Oklahoma Medical Research Foundation **City/State:** Oklahoma City, OK **Project Title:** Novel Triggers of Endothelial Cell Necroptosis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Grossfeld, Paul MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, San Diego **City/State:** La Jolla, CA **Project Title:** the role of ETS-1 in the neural crest in cardiac development and disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Grotta, James MD

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

GUAN, Zhengrong MD,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Sphingosine-1-phosphate in ischemia-reperfusion induced renal microvascular injury **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

Guan, Jianjun PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Oxygen releasing stemcell delivery systems to enhance ischemic limb repair **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Gumz, Michelle PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** Blood pressure regulation by Per1 and the kidney clock **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Gundry, Rebekah PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Medical College of Wisconsin **City/State:** Milwaukee, WI **Project Title:** LSMEM2 in Human Cardiomyocytes **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

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Guo, Austin PhD,BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: New York Medical College **City/State:** Valhalla, NY **Project Title:** 20-HETE in Regulation of Ischemia-induced Neovascularization **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Gupta, Rana PhD

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

Heathcock, Jill MPT,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Informing developmental screening and evaluation procedures for young infants with complex congenital heart defects **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$148,319

Heistad, Donald MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Iowa, Iowa City **City/State:** Iowa City, IA **Project Title:** Mechanisms of Aortic Valve Stenosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Hillgartner, Frank BS,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: West Virginia University, Morgantown **City/State:** Morgantown, WV **Project Title:** Novel Mechanisms Controlling the Expression of FGF21, a Hepatokine That Reverses Metabolic Syndrome **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Hinman, Jason MD PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, Los Angeles **City/State:** Los Angeles, CA **Project Title:** The role of IL-17B/CXCL5 in metabolic syndrome-induced white matter stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Hockerman, Gregory PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Purdue University, West Lafayette **City/State:** West Lafayette, IN **Project Title:** Differentiation of Cav1.2 and 1.3 Pharmacology **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Hoffman, Robert BS,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate

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Institution: Nationwide Children's Hospital **City/State:** Columbus, OH **Project Title:** Complement and Cardiometabolic Risk in Adolescents **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

HOFFMAN, Brenton PhD,BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Duke University Durham **City/State:** Durham, NC **Project Title:** Visualizing and Elucidating Mechanisms of Mechanotransduction in Vascular Smooth Muscle Cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Hoffman, Maureane BS,MD PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Duke University Medical Center **City/State:** Durham, NC **Project Title:** Understanding the loss of perivascular tissue factor during wound healing **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Hong, Mee Young PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: San Diego State University Research Foundation **City/State:** San Diego, CA **Project Title:** Effects of Mixed Nut Consumption on Satiety and Weight Management **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Hoshijima, Masahiko PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Junctophilin and couplon regeneration in heart failure **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Hsieh, Jenny PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** South West Affiliate
Institution: University of Texas Southwestern Medical Center **City/State:** Dallas, TX **Project Title:** Deciphering the role of aberrant new neurons in post-stroke epilepsy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Huang, Yufeng PhD,MD

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

Huang, Suming PhD,BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** The role of lincRNA in heart development **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

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Huo, Yuqing MD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Augusta University **City/State:** Augusta, GA **Project Title:** Myeloid PFKFB3 in atherosclerosis
Award Start Date: 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Hutson, Mary PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Duke University Durham **City/State:** Durham, NC **Project Title:** Activation of thermosensitive TRPV channels in neural crest cells induces maternal fever-associated heart defects **Award Start Date:** 7/1/2016
Award End Date: 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$148,687

Ichiki, Tomoko MD,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Mayo Clinic, Rochester **City/State:** Rochester, MN **Project Title:** Co-therapy of CD-NP with LVAD Support on Renovascular Protection for End-stage HF Patients **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Ikuta, Tohru MD PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Augusta University **City/State:** Augusta, GA **Project Title:** Glycosylation inhibitors as novel vascular therapeutics for sickle cell disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

Islam, Mohammad PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Columbia University, New York **City/State:** New York, NY **Project Title:** Mitochondrial mechanisms regulating acute lung injury **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Izard, Tina PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: The Scripps Research Institute - Scripps Florida **City/State:** Jupiter, FL **Project Title:** Structure and function of cardiomyopathy-associated metavinculin mutants **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

Jakubowski, Hieronim PhD, DSc

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Homocysteine-thiolactone in Prognostication of Cardiovascular Disease Outcomes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Jerome, W Gray PhD

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

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Institution: Vanderbilt University **City/State:** Nashville, TN **Project Title:** Lipophagy and lysosome function in early- and late-stage macrophage foam cells **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017
Total Years: 2 **Total Award Amount:** \$165,000

Ji, Hong-Long MD,DSc

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

Jiao, Kai MD,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Epigenetic regulation of heart development **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2
Total Award Amount: \$154,000

Jimenez, Veronica MS,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: California State University, Fullerton **City/State:** Fullerton, CA **Project Title:** Mechanisms of mechanosensation in the human parasite *Trypanosoma cruzi* **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,993

Johnson, Rajasingh PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Kansas Medical Center **City/State:** Kansas City, KS **Project Title:** Molecular Recapitulation of Noonan Syndrome in iPSC-derived Cardiomyocytes **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Jourdan Le Saux, Claude PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Texas Health Science Center at San Antonio **City/State:** San Antonio, TX **Project Title:** Cellular senescence due to invasive pneumococcal disease leads to cardiac interstitial fibrosis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

JOURDHEUIL, David PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Albany Medical Center **City/State:** Albany, NY **Project Title:** Functions of Cytoglobin during Programed Cell Death and Vascular Remodeling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018
Total Years: 2 **Total Award Amount:** \$154,000

Kahn, Andrew PhD,MD

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

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Institution: University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Risk of Intraventricular Thrombus Formation Based on Blood Stasis Quantification **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Kalifa, Jerome BS,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Michigan Medical Center **City/State:** Ann Arbor, MI **Project Title:** Cardiac Nerve-specific Photodynamic Mapping and Ablation for Cardiac Arrhythmias **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Kanaporis, Giedrius BS,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Rush University Medical Center **City/State:** Chicago, IL **Project Title:** Alternans in Atria: The Role of Action Potential Morphology **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

KASAHARA, Hideko PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** A novel role of myosin light chain kinase: associating with alpha-actinin at Z-disc **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Kasumov, Takhar PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Northeast Ohio Medical University **City/State:** Rootstown, OH **Project Title:** Lipoproteome dynamics as a novel approach for the assessment of HDL functionality in patients with nonalcoholic fatty liver disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Kelley, Vickie PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** IL-34: A Therapeutic Target for Kidney Disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Kelm, Jr., Robert PhD

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

Kenagy, Richard PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Washington, Seattle **City/State:** Seattle, WA **Project Title:** Human Venous Progenitor Cells in Vein Graft Failure **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

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Kershaw, Kiarri BS,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** Lifecourse social adversity, DNA methylation, and cardiovascular disease risk **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Kheir, John BS,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Boston Children's Hospital **City/State:** Boston, MA **Project Title:** Hydrogen Gas as a Neuroprotective Agent during Circulatory Arrest for Congenital Heart Surgery **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Kheradvar, Arash MD,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, Irvine **City/State:** Irvine, CA **Project Title:** Assessing the Risk of Transcatheter Heart Valve Calcification and Biomechanical Failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Khundmiri, Syed BS,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Howard University, Washington, DC **City/State:** Washington, DC **Project Title:** Role of Age and Angiotensin II in ouabain-induced blood pressure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

KIANI, Mohammad PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Temple University **City/State:** Philadelphia, PA **Project Title:** A biomimetic assay for rapid screening of novel anti-inflammatory therapeutics **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Kim, Kyekyoon PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Illinois, Champaign-Urbana **City/State:** Urbana, IL **Project Title:** Neuroprotective Capacity of Intranasally Delivered Estrogen via Gelatin Nanoparticles **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$151,124

Kim, Jonghan PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Northeastern University, Boston **City/State:** Boston, MA **Project Title:** Multifunctional Nanochelators to Correct Cardiac Hypertrophy and Hyperlipidemia in Iron Overload Disorders **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Kirkpatrick, Angelia MD,MPH

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Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Oklahoma Health Sciences Center **City/State:** Oklahoma City, OK **Project Title:** Thrombotic and inflammatory mechanisms of carotid stenosis progression **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Kleber, Andre MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Beth Israel Deaconess Medical Center **City/State:** Boston, MA **Project Title:** Defective Cx43 Trafficking in Arrhythmogenic Cardiomyopathy: Implications for Arrhythmogenesis and Therapy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Kohr, Mark BA, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins Bloomberg School of Public Health/Johnson & Johnson Community **City/State:** Baltimore, MD **Project Title:** Role of S-nitrosoglutathione reductase in cardioprotection **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Konhilas, John PhD, MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of Arizona, Tucson **City/State:** Tucson, AZ **Project Title:** Angiotensin II-mediated hypertension in mice with ovarian failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,982

Kontos, Christopher MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Duke University Durham **City/State:** Durham, NC **Project Title:** A Novel Molecular Regulator of Vascular Homeostasis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Kontogianni-Konstantopoulos, Aikaterini PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of Maryland, Baltimore **City/State:** Baltimore, MD **Project Title:** Obscurins: new players in the development of hypertrophic cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Koska, Juraj MD, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: Carl T. Hayden Medical Research Foundation **City/State:** Phoenix, AZ **Project Title:** Post-translational apolipoprotein C-III modifications and cardiovascular risk in type 2 diabetes **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Krishnamurthy, Prasanna PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate

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Institution: University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Sirtuins in hyperglycemia-induced EPC senescence **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Krogsgaard, Michelle PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: NYU Medical Center **City/State:** New York, NY **Project Title:** The role of T-cell maturation related signaling pathways in antigen sensitivity of T-cells **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Kulmacz, Richard PhD

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

kwon, chulan PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Cell-autonomous control of heart progenitors in niche **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

LaDisa, John BS,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Marquette University **City/State:** Milwaukee, WI **Project Title:** Mechanistic analysis of mechanical alterations to improve therapeutic interventions for aortic coarctation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$142,816

Larsson, H. Peter PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** Novel anti-arrhythmic compounds for Long QT Syndrome **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Lawton, Jennifer MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Johns Hopkins University **City/State:** Baltimore, MD **Project Title:** Identification and Targeted Manipulation of the Cardioprotective KATP Channel to Reduce Myocardial Injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Lee, Craig PharmD, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Novel Biomarkers of Eicosanoid Metabolism in Coronary Artery Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

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Lee, Samuel PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: Biomedical Research Institute of New Mexico **City/State:** Albuquerque, NM **Project Title:** Intracellular pH homeostasis in *Candida albicans* filamentation and virulence **Award Start Date:** 7/1/2016
Award End Date: 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$152,460

Lee, Jean PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** Broadly neutralizing human monoclonal antibodies against *S. aureus* leukocidins **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018
Total Years: 2 **Total Award Amount:** \$154,000

Lee, Chih-hao PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Harvard School of Public Health **City/State:** Boston, MA **Project Title:** Mitochondrial dynamics and metabolic flexibility **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Lee-Summers, Jennifer MD,BA

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Neuroprotection from neonatal hypoxia-ischemia by activation of the antioxidant transcription factor Nrf2 **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Lemanski, Larry PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: Texas A&M University, Commerce **City/State:** Commerce, TX **Project Title:** An RNA from Human Heart Promotes Cardiac Myogenesis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Levi, Roberto MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Weill Medical College of Cornell University **City/State:** New York, NY **Project Title:** Renin release from heart mast cells in ischemia/reperfusion: modulation by a membrane ectonucleotidase **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Li, Faqian PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Brg1-mediated repair of oxidative DNA double strand breaks in cardiomyocytes **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

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Li, Yulong PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Nebraska Medical Center, Omaha **City/State:** Omaha, NE **Project Title:** Role of ventricular vagal dysfunction in ventricular arrhythmogenesis in heart failure **Award Start Date:** 7/1/2015
Award End Date: 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Li, Qingjie PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: The University of Texas Medical Branch **City/State:** Galveston, TX **Project Title:** Epigenetic regulation of myosin light chain by colitis in myocardium **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Lichtman, Judith PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Yale University **City/State:** New Haven, CT **Project Title:** Post-Acute Care Services and Outcomes Among Elderly Stroke Patients **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Lim, Steve PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of South Alabama, Mobile **City/State:** Mobile, AL **Project Title:** FAK REGULATION OF SMOOTH MUSCLE CELL PLASTICITY VIA EPIGENETIC CONTROL **Award Start Date:** 7/1/2016
Award End Date: 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Lindsey, Sarah PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Tulane University, New Orleans **City/State:** New Orleans, LA **Project Title:** Environmental Estrogens in Female Cardiovascular Health **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

Liu, Zheng PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Wadsworth Center, Albany **City/State:** Albany, NY **Project Title:** Localization and Interaction of Domain Atomic Structures in Cardiac Ryanodine Receptor **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Liu, Meilian PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of New Mexico - Health Sciences Center **City/State:** Albuquerque, NM **Project Title:** The role of mTORC1 and Autophagy in the Recruitment and Activation of Beige Adipocytes **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Liu, Zhonglin MD

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

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Institution: University of Arizona, Tucson **City/State:** Tucson, AZ **Project Title:** Targeting phosphatidylethanolamine in atherosclerosis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Liu, Jiandong PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** cardiac morphogenesis in zebrafish **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

liu, zhongwu PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Henry Ford Health System **City/State:** Detroit, MI **Project Title:** Subacute neurorestorative intranasal tPA treatment for stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Liu, Yu MD, PhD

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

LIU, Zhiping PhD

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

Liu, Bo PhD

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

Liu, Peiyang PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** A one-stop-shop scheme for hemodynamic imaging in cerebrovascular diseases **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Lopes, Coeli PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Rochester Medical Center **City/State:** Rochester, NY **Project Title:** Statin therapy in inherited and drug-induced Long QT syndrome **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

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Lou, Hua PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Case Western Reserve University **City/State:** Cleveland, OH **Project Title:** Calcium-mediated epigenetic regulation of alternative splicing in cardiomyocytes **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Lovering, Andrew PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Oregon, Eugene **City/State:** Eugene, OR **Project Title:** Does patent foramen ovale closure improve exercise capacity & prevent blood flow through intrapulmonary shunt? **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Lucas, Alexandra MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Arizona State University, Tempe **City/State:** Tempe, AZ **Project Title:** Regulating Glycosaminoglycans in Transplant Vascular Disease and Chronic Rejection **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Lukac, David BS, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Role of a regulator of cardiovascular proteinopathies in Kaposi's Sarcoma-associated herpesvirus (KSHV) infection **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Luther, James MS, MD

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

Lutz, Carol BS, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** miRNA regulation of gene expression in the arachidonic acid metabolic pathway **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Ma, Rong PhD

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

Ma, Ke PhD, MD

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

Maitre, Nathalie MA, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Nationwide Children's Hospital **City/State:** Columbus, OH **Project Title:** Randomized controlled trial to Improve Oral Feeding Outcomes in Infants with Complex Congenital heart disease using Pacifier **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,799

Mallipattu, Sandeep BS, MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: SUNY, Stony Brook **City/State:** Stony Brook, NY **Project Title:** Krüppel-Like Factor 15 is critical to the identification of novel therapeutics in chronic kidney disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Maloyan, Alina PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: Oregon Health & Science University, Portland **City/State:** Portland, OR **Project Title:** Mechanisms linking maternal obesity to dysregulation of autophagy and metabolism in placenta **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Mani, Venkatesh PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** Cardiovascular Safety of E-Cigarettes assessed by PET/MRI **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Mano, Itzhak BA, MA

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: City University of New York, City College **City/State:** New York, NY **Project Title:** Transcriptional Signaling Cascades of Neuroprotection in Nematode Excitotoxicity **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Markwald, Roger

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

Maron, Bradley BA, MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate

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Institution: Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** Network Analysis: NEDD9 regulates maladaptive vascular fibrosis to promote pulmonary arterial hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$197,997

Martin, Emil PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: The University of Texas Health Science Center at Houston **City/State:** Houston, TX **Project Title:** Modulation of soluble guanylyl cyclase function by GPSM proteins **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

May, Linda PhD, MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: East Carolina University **City/State:** Greenville, NC **Project Title:** ENHANCED by Mom (Enhanced Neonatal Health And Neonatal Cardiovascular Efficiency Developmentally by Mom) **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Mayeux, Philip PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Arkansas for Medical Sciences, Little Rock **City/State:** Little Rock, AR **Project Title:** Preclinical studies in a rat pup model of infant sepsis-induced cardiorenal syndrome **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

McIver, Kevin PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of Maryland, College Park **City/State:** College Park, MD **Project Title:** The Role of Cps Y During Disseminated Group A Streptococcal Bloodstream Infection **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

McLaughlin, Tracey MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** Adaptive Immune Response in Visceral and Subcutaneous Fat: Role in Human Insulin Resistance **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MEARS, Jason PhD, BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Case Western Reserve University **City/State:** Cleveland, OH **Project Title:** The Molecular Mechanism of Mitochondrial Fission **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Meszaros, J Gary PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Northeast Ohio Medical University **City/State:** Rootstown, OH **Project Title:** Mechanisms of cardioprotection by type VI collagen ablation **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

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Meyer, Andrew BS,MS

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

Miller, Edmund PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: The Feinstein Institute for Medical Research **City/State:** Manhasset, NY **Project Title:** Targeting the Immunoproteasome: a new paradigm for the treatment of Heart Failure. **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Minson, Christopher MS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of Oregon, Eugene **City/State:** Eugene, OR **Project Title:** Heat Therapy to Improve Cardiovascular Health in Spinal Cord Injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Mofrad, Mohammad PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, Berkeley **City/State:** Berkeley, CA **Project Title:** Computer Models of Calcific Aortic Stenosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$139,320

Morrow, John BS,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Columbia University, New York **City/State:** New York, NY **Project Title:** Mechanisms of arrhythmia induced by high-fat diet **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Morton, Richard PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** Modification of CETP function as a novel therapeutic paradigm **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Mueller, Patrick BA,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Wayne State University **City/State:** Detroit, MI **Project Title:** Physical Inactivity and Enhanced Sympathoexcitation: Role of Structural and Functional Neuroplasticity in the RVLM **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Muise Helmericks, Robin PhD

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Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Medical University of South Carolina **City/State:** Charleston, SC **Project Title:** Akt3 controls genomic stability in primary endothelial cells. **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Murphy, Anne MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Novel proteomics approaches to discover the tyrosine phosphoproteome of the sarcomere **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Murray, Katherine MD

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

Neumar, Robert MD, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Michigan Medical Center **City/State:** Ann Arbor, MI **Project Title:** Optimizing Extracorporeal Cardiopulmonary Resuscitation (ECPR) for Refractory Cardiac Arrest **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$139,472

Newcomer, Marcia PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Louisiana State University, Baton Rouge **City/State:** Baton Rouge, LA **Project Title:** Cellular mechanism of a lipoxigenase implicated in foam cell development **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

nicoli, stefania PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Yale University **City/State:** New Haven, CT **Project Title:** Hemodynamics Control of Artery Muscularization and Innervation **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$153,467

Nicosia, Roberto MD, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Seattle Institute for Biomedical and Clinical Research **City/State:** Seattle, WA **Project Title:** Effect of Moderate Hyperoxia on Neovessel Stability in Human Atherosclerosis-induced Angiogenesis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Nieman, Marvin PhD, BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate

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Institution: Case Western Reserve University **City/State:** Cleveland, OH **Project Title:** Biophysical Analysis of Protease Activated Receptors in Native Platelet Membranes **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Norris, Russell PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Medical University of South Carolina **City/State:** Charleston, SC **Project Title:** Etiology and Treatment for Mitral Valve Prolapse **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

North, Kari BA,MA

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Genetic and Environmental Determinants of Obesity and CVD Risk across the Lifecourse: The Santiago Longitudinal Study **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

O'Connell, Timothy PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Free fatty acid receptor 4 is required for prevention of cardiac fibrosis by eicosapentaenoic acid **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Offner, Halina MSc,DMSc

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Oregon Health & Science University, Portland **City/State:** Portland, OR **Project Title:** Effect of anti-PDL1/PDL2 antibodies in experimental stroke **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Ogle, Brenda PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Metabolic regulation of differentiation via modulation of REST **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Oka, Shinichi PhD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Sirt1 in myocardial metabolic remodeling **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Okumura, Cheryl BA,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Occidental College, Los Angeles **City/State:** Los Angeles, CA **Project Title:** Persistence of Group A Streptococcus in macrophage phagosomes: new targets for therapy **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$147,917

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Olzmann, James BS, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, Berkeley **City/State:** Berkeley, CA **Project Title:** The cell biology of lipid droplets: Regulation of lipid and energy homeostasis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018
Total Years: 2 **Total Award Amount:** \$154,000

Orihuela, Carlos PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Caspase-associated necroptosis of cardiomyocytes **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Ortiz, Pablo PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Henry Ford Health System **City/State:** Detroit, MI **Project Title:** Regulation of NKCC2 by a novel kinase: TNIK **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Oury, Tim PhD, MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** The role of the receptor for advanced glycation endproducts in asthma **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Overholser, Brian PharmD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Purdue University, West Lafayette **City/State:** West Lafayette, IN **Project Title:** microRNA dysregulation of cardiac repolarization during heart failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

OZAKI, C Keith MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** Protective Mechanisms by Protein Restriction in Intimal Hyperplasia **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Padanilam, Babu PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Nebraska Medical Center, Omaha **City/State:** Omaha, NE **Project Title:** p53-mediated tubular necrosis in ischemic renal injury **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017
Total Years: 2 **Total Award Amount:** \$143,000

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PADMANABHAN, ANAND PhD, MBBS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Blood Center of Wisconsin **City/State:** Milwaukee, WI **Project Title:** Role of Endogenous Platelet Glycosaminoglycans in the Pathophysiology of Heparin Induced Thrombocytopenia **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Page, Stephen PhD, OTR

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Practicing Repetitively Integrating Stimulation in Moderately impaired Stroke (PRISMS) **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$150,396

Pan, Xiaoyue PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Winthrop University Hospital **City/State:** Mineola, NY **Project Title:** Role of Macrophage Bmal1 in Cholesterol efflux and Atherosclerosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Panepinto, John PhD, BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Research Foundation of SUNY **City/State:** Amherst, NY **Project Title:** Control of Host-Induced C. neoformans Morphogenesis by Protein Arginine Methylation **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Parra, Karlett PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of New Mexico - Health Sciences Center **City/State:** Albuquerque, NM **Project Title:** V-ATPase-dependent TORC1 Regulation in Yeast: The role of PI3,5P2 **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Paruchuri, Sailaja PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Akron **City/State:** Akron, OH **Project Title:** Investigation of CysLT2R as a therapeutic target for pathological angiogenesis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Patel, Snehal BS, MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Albert Einstein College of Medicine **City/State:** Bronx, NY **Project Title:** Mucosal Vascular Alterations during Heart Failure and Continuous Flow LVAD Support **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$151,860

Pavlov, Evgeny PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate

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Institution: New York University **City/State:** New York, NY **Project Title:** Molecular composition of the mitochondrial permeability transition pore **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

PEARCE, David MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** SGK1 cross talk with Akt in the regulation of blood pressure and glucose metabolism **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

PEREZ, Dianne PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** Metabolic Regulation of Cardiac Ischemic Protection by Alpha1A-Adrenergic Receptors **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Pfister, Sandra PhD

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

Plow, Ela PhD,PT

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Cleveland Clinic Foundation **City/State:** Cleveland, OH **Project Title:** Novel brain stimulation therapies in Stroke guided by expressions of plasticity **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Pogwizd, Steven MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Circadian rhythm in the canine heart **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

Pojoga, Luminita MS, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** New insights for the key role of LSD1 in mineralocorticoid associated cardiovascular effects **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Pollock, Norman BS, BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Augusta University **City/State:** Augusta, GA **Project Title:** Vitamin K to Slow Progression of Dyslipidemia and Diabetes Risk **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

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Post, Steven BS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Arkansas for Medical Sciences, Little Rock **City/State:** Little Rock, AR **Project Title:** Platelet-leukocyte regulation of inflammatory responses **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Prabhakaran, Vivek PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Wisconsin, Madison **City/State:** Madison, WI **Project Title:** Efficacy of a novel stroke rehabilitation device **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Preston, Ioana MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Tufts Medical Center **City/State:** Boston, MA **Project Title:** The Role of Mineralocorticoid Receptor (MR) in pulmonary hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Rachek, Lyudmila PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of South Alabama, Mobile **City/State:** Mobile, AL **Project Title:** Defining role of mitochondrial DNA damage and repair in the obesity and insulin resistance **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Radice, Glenn PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Thomas Jefferson University **City/State:** Philadelphia, PA **Project Title:** Alpha-Catenins in Mechanochemical Signaling **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Raffai, Robert PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, San Francisco **City/State:** San Francisco, CA **Project Title:** Hyperglycemia Dysregulation of MicroRNA in Myeloid cells: Impact on Atherosclerosis Regression **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Ragolia, Louis PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Winthrop University Hospital **City/State:** Mineola, NY **Project Title:** The Effects of Sleeve Gastrectomy on Cardiovascular Disease associated with Diabetes and Obesity **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Rajaram, Murugesan PhD

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Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Role of miR155 and HSF-1 in cardiac inflammation and dysfunction in sepsis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018
Total Years: 2 **Total Award Amount:** \$154,000

Raman, Priya PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Northeast Ohio Medical University **City/State:** Rootstown, OH **Project Title:** Targeting OGT in diabetic vascular disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Ramaswamy, Sharan PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Florida International University, Miami **City/State:** Miami, FL **Project Title:** Bioscaffold mitral valve replacement permitting somatic growth and remodeling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Rao, Reena PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Kansas Medical Center **City/State:** Kansas City, KS **Project Title:** GSK3 - A Potential Drug Target To Prevent Renal Fibrosis Following Acute Kidney Injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Rauova, Lubica MD, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: The Children's Hospital of Philadelphia **City/State:** Philadelphia, PA **Project Title:** Effect of synthetic cationic inhibitors on pathogenesis of HIT **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Raval, Ami PhD, MPH

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Miami, Miami **City/State:** Coral Gables, FL **Project Title:** Nicotine alters brain oxidative metabolism and exacerbates ischemic brain damage **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Rea, Thomas MD, MPH

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

Reddy, Sushma MBBS

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

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Institution: Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** MicroRNA-21 is a Biomarker for Right Ventricular Fibrosis and the Progression to Systolic Heart Failure in Right Ventric **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Reiss, Allison MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Winthrop University Hospital **City/State:** Mineola, NY **Project Title:** Methotrexate and cholesterol transport regulation: Impact of treatment regimen in diabetes and metabolic syndrome **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Ripplinger, Crystal PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, Davis **City/State:** Davis, CA **Project Title:** Role of interleukin-1b in arrhythmogenesis following myocardial infarction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Rittenberger, Jon MD,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Amantadine to Speed Awakening after Cardiac Arrest **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Rizzo, Victor PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Temple University **City/State:** Philadelphia, PA **Project Title:** The role of endothelial caveolae in abdominal aortic aneurysm formation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Romero, Maritza MD,DSc

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Augusta University **City/State:** Augusta, GA **Project Title:** Role of Growth Hormone Releasing Hormone (GHRH) receptor in diabetes-associated dyslipidemia **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

RONGISH, Brenda PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Kansas Medical Center **City/State:** Kansas City, KS **Project Title:** Vascular Endothelial Growth Factor regulation of early cardiovascular structure and function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Rothberg, Brad BS,MA

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate

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Institution: Temple University **City/State:** Philadelphia, PA **Project Title:** Structural basis of BK channel activation **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Routh, Vanessa PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Role for glucose-inhibited orexin neurons in the tendency for weight regain following dieting **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Rubinow, Katya BA, MD

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

Rubinstein, Jack MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Cincinnati **City/State:** Cincinnati, OH **Project Title:** TRPV2 agonism for improved cardiac function in patients with single ventricle physiology **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

SAHOO, Susmita PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** m6A Methylation of mRNA as a Novel Mechanism of Cardiac Repair by Human Stem Cell-Derived Exosomes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Sainburg, Robert OTR, MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Pennsylvania State University, University Park **City/State:** University Park, PA **Project Title:** Remediation of the Non-Paretic Arm to Improve Functional Independence in Chronic Stroke survivors **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$148,319

Satin, Jonathan PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Mechanism of a Novel Stable Compensatory Cardiac Hypertrophy Model **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Sato, Daisuke PhD, BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, Davis **City/State:** Davis, CA **Project Title:** Multiscale Modeling of Cardiac Dynamics; How mechano-electric coupling promotes or suppresses cardiac arrhythmias **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

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sayeski, Peter PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** Targeting Jak2 Kinase for the treatment of hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2
Total Award Amount: \$165,000

Schlegel, Amnon MD PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of Utah **City/State:** Salt Lake City, UT **Project Title:** Intestinal Lxr Activation to Blunt Atherogenesis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Schnitzler, Gavin BA, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Tufts Medical Center **City/State:** Boston, MA **Project Title:** Vascular pro-inflammatory effects of unliganded estrogen receptor **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2
Total Award Amount: \$154,000

Schreihof, Ann PhD

Program Type: Grant-in-Aid/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 for respiratory-related regulation of blood pressure in health and hypertension
Award Start Date: 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Schulman, Ira PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Ligand-Specific Regulation of Gene Expression by Liver X Receptors **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Scott, Daryl MD PhD

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

Searson, Peter PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins University **City/State:** Baltimore, MD **Project Title:** Quantitative assessment of endothelium barrier properties in response to vasomodulators in an artificial microvessel **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

SELAMETTIERNEY, Elif Seda MD

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Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: Stanford University School of Medicine, Palo Alto **City/State:** Palo Alto, CA **Project Title:** On-line intervention to lower cardiovascular risk in pediatric heart transplant patients **Award Start Date:** 7/1/2015
Award End Date: 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Serysheva, Irina PhD,MS

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

Sesaki, Hiromi BS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Mitochondrial Dynamics in the Heart **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Sethna, Christine BA,MEd

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: The Feinstein Institute for Medical Research **City/State:** Manhasset, NY **Project Title:** Cardiovascular Disease Risk Factors in Children with Nephrotic Syndrome **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Shapiro, Mark PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Texas Health Science Center at San Antonio **City/State:** San Antonio, TX **Project Title:** Dual targeting of neurons and astrocytes as a therapeutic strategy for cerebral ischemic stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$138,599

Sharma, Ashish MBBS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Virginia, Charlottesville **City/State:** Charlottesville, VA **Project Title:** Protective role of stemcell-derived microvesicles and microRNAs in aortic aneurysms **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Shenoy, Sudha PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Duke University Durham **City/State:** Durham, NC **Project Title:** De-ubiquitination of beta-adrenergic receptors and left ventricular hypertrophy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Shetty, Sreerama PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate

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Institution: The University of Texas Health Science Center at Tyler **City/State:** Tyler, TX **Project Title:** Control of Pulmonary Fibrosis by p53-uPA cross-talk. **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Shi, Hang PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Georgia State University **City/State:** Atlanta, GA **Project Title:** Epigenetics, Macrophage Inflammation and Atherosclerosis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2
Total Award Amount: \$165,000

Shi, Haifei MD, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Miami University, Oxford **City/State:** Oxford, OH **Project Title:** Neural Mechanisms for Metabolic Regulation by Brain-Derived Neurotrophic Factor **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Shiva, Sruti PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Mechanisms of hemolysis induced mitochondrial regulation and platelet activation **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Sieburth, Derek PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of Southern California **City/State:** Los Angeles, CA **Project Title:** Neuronal control of the Oxidative Stress Response: Genetic Analysis of SKN-1/Nrf2 Activation by Neuroendocrine Signaling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Silva, Jonathan MS, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Washington University **City/State:** Saint Louis, MO **Project Title:** Molecular Pathology of Brugada Syndrome Mutations **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2
Total Award Amount: \$154,000

Singh, Harpreet BSc, MSc

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Drexel University **City/State:** Philadelphia, PA **Project Title:** Role and Mechanism of Mitochondrial Chloride Intracellular Channel 5 in Cardioprotection **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Sobie, Eric PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate

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Institution: Icahn School of Medicine at Mount Sinai **City/State:** New York, NY **Project Title:** Intracellular and Intercellular variability in cardiac calcium release **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Staiano, Amanda PhD,OTR

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Pennington Biomedical Research Center, Baton Rouge **City/State:** Baton Rouge, LA **Project Title:** GATEWAY: Gaming Technology to Encourage Healthy Weight and Activity in Youth **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

Stan, Radu MD,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Dartmouth College **City/State:** Hanover, NH **Project Title:** Biogenesis and regulation of endothelial fenestræ **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Stanford, Stephanie PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of California, San Diego **City/State:** La Jolla, CA **Project Title:** Validation of LMPTP as a therapeutic target for heart failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Stein, James BS,MD

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

Stempien-Otero, April MD

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

STOCKAND, James BS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Texas Health Science Center at San Antonio **City/State:** San Antonio, TX **Project Title:** Purinergic regulation of ENaC **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Stokes, Karen PhD,BA

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Louisiana State University Health Sciences Center Shreveport **City/State:** Shreveport, LA **Project Title:** Cytomegalovirus Exacerbates Microvascular Responses to Hypercholesterolemia via Activation of

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Neutrophils & Monocytes **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

Strickland, Dudley PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of Maryland, Baltimore **City/State:** Baltimore, MD **Project Title:** Transglutaminase Signaling in Neointima **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$153,974

Stubbs, Jason BS,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Kansas Medical Center **City/State:** Kansas City, KS **Project Title:** Intestinal Microbiota and Atherosclerosis Risk in Chronic Kidney Disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Suarez, Yajaira BS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Yale University **City/State:** New Haven, CT **Project Title:** Exosomal transfer of regulatory RNAs by Macrophages. Role in Cell-to-Cell communication in obese adipose tissue. **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Sucosky, Philippe BS,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Wright State University, Dayton **City/State:** Dayton, OH **Project Title:** IDENTIFICATION AND ASSESSMENT OF HEMODYNAMIC PREDICTORS OF BICUSPID AORTIC VALVE AORTOPATHY **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$153,997

Sugi, Yukiko PhD,DVM

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Medical University of South Carolina **City/State:** Charleston, SC **Project Title:** Cell autonomous regulation by BMP2 in endocardial lineage for formation of valve and membranous septal progenitor cells **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Sumanas, Saulius BS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Cincinnati Children's Hospital Medical Center **City/State:** Cincinnati, OH **Project Title:** Role of Collagen XXII in vascular stability **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Sumby, Paul PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of Nevada, Reno **City/State:** Reno, NV **Project Title:** A molecular basis for rheumatogenic group A Streptococcus isolates **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

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Sun, Yvonne BS,PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate

Institution: University of Dayton **City/State:** Dayton, OH **Project Title:** Protective effects of short chain fatty acids against infective endocarditis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Sun, Zheng PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate

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

Sung, Hak Joon PhD

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

Institution: Vanderbilt University **City/State:** Nashville, TN **Project Title:** Spatiotemporal Control of In Vitro Cardiac Morphogenesis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

Swiatecka-Urban, Agnieszka MD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate

Institution: University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Lemur tyrosine kinase and TGF beta signaling **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Symons, J David PhD

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

Institution: University of Utah **City/State:** Salt Lake City, UT **Project Title:** Aging limits vascular autophagic flux and impairs endothelial cell nitric oxide generation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Sztul, Elizabeth PhD

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

Institution: University of Alabama at Birmingham **City/State:** Birmingham, AL **Project Title:** Regulation of ABCA1 transporter cycling **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

Tang, Xiangyang PhD

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

Institution: Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** X-ray phase contrast CT based analysis of atherosclerotic plaques **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Tang, Yaoliang PhD,MD

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Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Augusta University **City/State:** Augusta, GA **Project Title:** Identifying superior cardiac progenitor cells for treating ischemic cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Tang, Wei-jen PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Chicago **City/State:** Chicago, IL **Project Title:** Structure and functions of chemokine CCL5-CXCL4 hetero-oligomer **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Taylor, Joan PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Molecular regulation of cardiopetide secretion **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Taylor-Clark, Thomas PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of South Florida, Tampa **City/State:** Tampa, FL **Project Title:** Cardiovascular disease-associated neuronal plasticity transforms pulmonary-cardiac reflexes to sympathoexcitation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Terada, Naohiro MD, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Florida, Gainesville **City/State:** Gainesville, FL **Project Title:** A Stem Cell Tactic to Promote Personalized Medicine in Hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Terentyev, Dmitry PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Rhode Island Hospital **City/State:** Providence, RI **Project Title:** Regulation of excitation and calcium homeostasis by SK channels in cardiac hypertrophy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Tisdale, James BSC, PharmD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Purdue University, West Lafayette **City/State:** West Lafayette, IN **Project Title:** Influence of Testosterone Administration on Drug-Induced QT Interval Prolongation and Torsades de Pointes **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Titus, Margaret BA, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate

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Institution: University of Minnesota, Minneapolis **City/State:** Minneapolis, MN **Project Title:** Mechanism of myosin motor-dependent filopod extension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Toney, Glenn PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Texas Health Science Center at San Antonio **City/State:** San Antonio, TX **Project Title:** PSD95: A novel contributor to the hypertension of sleep apnea **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$139,868

Tristani-Firouzi, Martin MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate
Institution: University of Utah **City/State:** Salt Lake City, UT **Project Title:** Molecular and electrophysiological characterization of a novel atrial fibrillation susceptibility gene **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Tseng, Gea-ny MPH, PhD

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

Tsui, Benjamin PhD, BS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** Novel Image Reconstruction and Analysis Methods for 4D Clinical Gated Cardiac PET **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,999

Ushio-Fukai, Masuko PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** Protein Disulfide Isomerase as a Novel Redox Sensor in VEGF Signaling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Van Leyen, Klaus PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Massachusetts General Hospital **City/State:** Boston, MA **Project Title:** Investigating Novel Mechanisms for Increased Hemorrhage Following Ischemia **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Vary, Calvin PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate

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Institution: Maine Medical Center **City/State:** Portland, ME **Project Title:** Endoglin is a novel Notch target gene -- Implications for vascular signaling **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Vlahakes, Gus MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Massachusetts General Hospital **City/State:** Boston, MA **Project Title:** Molecular reduction of ischemic ventricular remodeling following ring annuloplasty **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

VON RECUM, Horst BA, ME

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Case Western Reserve University **City/State:** Cleveland, OH **Project Title:** Preventing Infection in Arteriovenous Grafts Through Drug Reloading **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Vranceanu, Ana-maria PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Massachusetts General Hospital **City/State:** Boston, MA **Project Title:** Preventing chronic depression and post traumatic stress disorder in stroke patients and their family caregivers **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,646

Wall, Susan MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** Mechanism of CIC-5 regulation by aldosterone **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

Wan, Mei PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine **City/State:** Baltimore, MD **Project Title:** MSCs in Arterial Reendothelialization **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Wang, Bin PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: Widener University **City/State:** Chester, PA **Project Title:** Enhancing Stem Cell Therapy by Targeted Delivery of VEGF and IGF-1 to MI Tissue **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$132,000

Wang, Jun MD, PhD

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

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Wang, Dachun MD

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

Wang, Qingjun PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Novel roles of platelet autophagy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Wary, Kishore PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Illinois at Chicago **City/State:** Chicago, IL **Project Title:** KrüppelLike Factor-4 in COPD and Treatment with MSCs **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2
Total Award Amount: \$143,000

Webb, R Clinton PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Augusta University **City/State:** Augusta, GA **Project Title:** Toll-like receptor 9 activation causes vascular injury in hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2
Total Award Amount: \$165,000

Wedegaertner, Philip PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Thomas Jefferson University **City/State:** Philadelphia, PA **Project Title:** Mechanisms of localization and trafficking of GRK5 and GRK6 **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018
Total Years: 2 **Total Award Amount:** \$154,000

Wei, Yanan BS,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Role of E. coli ETT2 in endothelial disruption and sepsis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2
Total Award Amount: \$154,000

Weinberg, Jason MD,BA

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of Michigan Medical Center **City/State:** Ann Arbor, MI **Project Title:** Immunoproteasome Contributions to Adenovirus Pathogenesis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Weiss, John PhD,MD

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Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of California, Irvine **City/State:** Irvine, CA **Project Title:** Intramitochondrial Zn²⁺ accumulation and the induction of ischemic neurodegeneration **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Weissgerber, Tracey BSc,MSc

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Mayo Clinic, Rochester **City/State:** Rochester, MN **Project Title:** The Vascular Glycocalyx in Normal Pregnancy and Preeclampsia **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Whiteheart, Sidney PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Platelet Endocytosis in Hemostasis and Innate Immunity **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Whitton, Sarah PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Cincinnati **City/State:** Cincinnati, OH **Project Title:** Augmenting Smoking Cessation Treatment with Relationship Education **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$153,979

Wright, Davene BS,PhD

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

Wu, Huaizhu MD,MS

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

Wythe, Joshua PhD,BA

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

Xie, Bin PhD

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

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Institution: Claremont Graduate University **City/State:** Claremont, CA **Project Title:** Childhood Family Stress Exposure and Markers of Cardiovascular Health in Adolescence **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Xie, Zhonglin PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Georgia State University **City/State:** Atlanta, GA **Project Title:** Autophagy suppression and mitochondrial fission in endothelial cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Xie, Lai-hua PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Rutgers, The State University of New Jersey, RBHS **City/State:** New Brunswick, NJ **Project Title:** Mitochondrial regulation of intracellular Ca²⁺ handling and arrhythmogenesis in the heart **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

XU, Chunhui PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Emory University, Atlanta **City/State:** Atlanta, GA **Project Title:** MATURATION OF HUMAN PURIPOTENT STEM CELL-DERIVED CARDIOMYOCYTES **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

XU, YONG PhD,MSc

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: Baylor College of Medicine, Houston **City/State:** Houston, TX **Project Title:** Estrogen receptor-alpha neurons in the medial amygdala and blood pressure **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Yang, Wei BS,MS

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Duke University Durham **City/State:** Durham, NC **Project Title:** ER stress response in recovery of brain function after cardiac arrest **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Yang, Jenny PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Georgia State University **City/State:** Atlanta, GA **Project Title:** Integration of calcium signaling by calcium-sensing receptor **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,612

Yang, Lei PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Association Wide
Institution: University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** MicroRNA-126 Regulates Human Heart Development **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

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Yazdanbakhsh, Karina PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: New York Blood Center **City/State:** New York, NY **Project Title:** Immunological Characterization of Transfusion-dependent Patients with Sickle Cell Disease **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Yeager, Michael PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Colorado Denver **City/State:** Denver, CO **Project Title:** Right Ventricular Lymphatic Dysfunction Causes Failure in Pulmonary Hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Yin, Wei PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: SUNY, Stony Brook **City/State:** Stony Brook, NY **Project Title:** Altered flow changes thrombin generation rate **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Yoon, Yisang PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Augusta University **City/State:** Augusta, GA **Project Title:** Mitochondrial dynamics in diabetic cardiomyopathy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Yu, Jun MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Temple University **City/State:** Philadelphia, PA **Project Title:** Role of RTN-4B in macrophage biology and atherosclerosis **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$198,000

Yu, Guoqiang PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Kentucky, Lexington **City/State:** Lexington, KY **Project Title:** Spatially Resolved Diffuse Correlation Spectroscopy for Cerebral Blood Flow Monitoring in Mouse Stroke Model **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Yue, Junming MS, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: University of Tennessee Health Science Center Memphis **City/State:** Memphis, TN **Project Title:** Role of miR27b in vascular wall remodeling **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

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Yue, Lixia PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: University of Connecticut, Farmington **City/State:** Farmington, CT **Project Title:** Elucidating Ca²⁺ signaling mechanisms in vascular pathogenesis of Marfan syndrome using patient-derived iPSCs **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Zhan, Jixun BS,MS

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

Zhang, Quanguang PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Greater Southeast Affiliate
Institution: Augusta University **City/State:** Augusta, GA **Project Title:** Ischemic Postconditioning Protection of Hippocampal CA1 Neurons **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$165,000

Zhang, Ke PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: University of North Dakota **City/State:** Grand Forks, ND **Project Title:** Understanding the gene networks involved in the onset of atrial septal defects using both animal and human studies **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$143,000

Zhang, Xin PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate
Institution: University of Oklahoma Health Sciences Center **City/State:** Oklahoma City, OK **Project Title:** How CD82 Restrains Neovascularization Potential **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

Zhang, Lisheng MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate
Institution: Duke University Durham **City/State:** Durham, NC **Project Title:** Molecular Mechanisms by which Chronic Kidney Disease Potentiates Vein Graft Disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Zhang, Jian MS,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Regulation of Autoimmune Myocarditis by Protein Ubiquitination **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

Zhang, Qi PhD

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

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Institution: University of North Carolina, Chapel Hill **City/State:** Chapel Hill, NC **Project Title:** Structural and Molecular Basis for the Regulation of Cardiovascular Essential microRNA-1 Biogenesis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Zhao, Li-ru PhD, MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: SUNY Upstate Medical University **City/State:** Syracuse, NY **Project Title:** Mechanistic determination of the therapeutic role of hematopoietic growth factors in CADASIL **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Zhao, Xue Qiao MD

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

Zhao, Yutong MD, PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate
Institution: University of Pittsburgh **City/State:** Pittsburgh, PA **Project Title:** Protein stability regulates epigenetic modification in acute lung injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Zhao, Ming PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate
Institution: Northwestern University, Chicago **City/State:** Chicago, IL **Project Title:** The size of myocardial injury as a new criterion for assessing the pathological state of the heart **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Zhou, Jiangbing PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate
Institution: Yale University **City/State:** New Haven, CT **Project Title:** Glyburide-loaded nanoparticles for stroke treatment **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

Zhou, Ping PhD

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

Zhou, Rui PhD

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

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Institution: Sanford BurnhamPrebys Medical Discovery Institute, La Jolla **City/State:** La Jolla, CA **Project Title:** Splicing Factor;microRNA Control of Cardiac Development and Function in Drosophila **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Zhou, Jing MD PhD,MD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate

Institution: Brigham & Women's Hospital **City/State:** Boston, MA **Project Title:** Regulation of primary cilium formation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Zhu, Haidong PhD,MD

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

Institution: Augusta University **City/State:** Augusta, GA **Project Title:** Dietary sodium reduction, inflammation and oxidative stress in hypertensives: a randomized controlled trial **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

Ziolo, Mark PhD

Program Type: Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate

Institution: The Ohio State University **City/State:** Columbus, OH **Project Title:** Correcting nitroso-redox imbalance via EMEPO as a therapeutic for heart disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$154,000