

**American Heart Association  
Awardees in Alpha Order by State  
Last Update: February 2017**

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*\*no current awardees*

NEW MEXICO

***Gonzalez Bosc, Laura BA, PhD***

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** University of New Mexico - Health Sciences Center **City:** Albuquerque **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

NEW MEXICO

***Lee, Samuel PhD, MD***

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** Biomedical Research Institute of New Mexico **City:** Albuquerque **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

NEW MEXICO

***Liu, Meilian PhD***

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** University of New Mexico - Health Sciences Center **City:** Albuquerque **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

NEW MEXICO

***Neumann, Aaron PhD***

**Program Type:** Beginning Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** University of New Mexico - Health Sciences Center **City:** Albuquerque **Project Title:** Antimicrobial countermeasures against fungal biofilms: preventing catheter-associated cardiovascular infection **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

NEW MEXICO

***Parra, Karlett PhD***

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** University of New Mexico - Health Sciences Center **City:** Albuquerque **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

NEW YORK

***Abedini, Andisheh PhD***

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** NYU Medical Center **City:** New York **Project Title:** RAGE-mediated cellular pathways that exacerbate islet

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amyloidosis-induced beta-cell toxicity and diabetic complications **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK

*Abou Merhi, Sara BS,MS*

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

NEW YORK

*Adam, Alejandro PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Albany Medical Center **City:** Albany **Project Title:** Synergy between Src Family Kinases and TNF-alpha signaling in the regulation of transendothelial migration **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK

*Aggarwal, Brooke EdD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Columbia University, New York **City:** New York **Project Title:** Sleep and cardiometabolic risk in different life stages in a diverse population of women **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$1,153,156

NEW YORK

*Aguado, Lauren BS,MS*

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

NEW YORK

*Agullo, Esperanza BS,MSc*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** New York University **City:** New York **Project Title:** Molecular map of the cardiac intercalated disc: implications to arrhythmogenic cardiomyopathy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$102,200

NEW YORK

*Ahn, Sung Ji MS,BS*

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

NEW YORK

*Airola, Michael BA,MS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** SUNY, Stony Brook **City:** Stony Brook **Project Title:** Structure and function of Lipins: key enzymes in triglyceride synthesis and metabolism **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK

*Amengual Terrasa, Jaime PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** New York University **City:** New York **Project Title:** Regulation of atherosclerosis progression by beta-carotene **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK

*Amgalan, Dulguun BS,MS*

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

NEW YORK

*Aromolaran, Ademuyiwa BSc,MSc*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Columbia University, New York **City:** New York **Project Title:** HERG1/IKr Channel Trafficking and Functional Regulation in Heart. **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK

*Belkaya, Serkan BSc,MSc*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** The Rockefeller University **City:** New York **Project Title:** Deciphering the molecular and cellular mechanisms underlying acute viral myocarditis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$94,600

NEW YORK

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*Berger, Jeffrey MS,MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** NYU Medical Center **City:** New York **Project Title:** Comprehensive assessment of platelet activity in women with myocardial infarction **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$1,011,092

NEW YORK

*Bhattacharya, Asmita BSE*

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

NEW YORK

*Blaho, Victoria PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Founders Affiliate **Institution:** Weill Medical College of Cornell University **City:** New York **Project Title:** Role of endothelial cell S1P receptor 1 over-expression in deterioration of the bone marrow stem cell niche **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK

*Borazjani, Iman PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Research Foundation of SUNY **City:** Amherst **Project Title:** Hemodynamics & Optimum Placement of Mechanical versus Bio-prosthetic Heart Valves **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK

*Bu, Lei PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** New York University **City:** New York **Project Title:** Modified mRNA-mediated genetic correction of Duchenne Muscular Dystrophy **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK

*Buitrago, Claudia BS, PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** The Rockefeller University **City:** New York **Project Title:** Genome editing: Novel methodologies to study structure-function relationships of human integrin beta3 **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$94,600

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NEW YORK

*CAI, Chenleng PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Isl1 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

NEW YORK

*Cai, Bishuang PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** Columbia University, New York **City:** New York **Project Title:** The role of MerTK cleavage in advanced atherosclerosis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$91,100

NEW YORK

*Calcagno, Claudia MD, PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Founders Affiliate **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Quantitative permeability imaging of the mouse atherosclerotic vessel wall by self-gated DCE-MRI with compressed sensing **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK

*Ceholski, Delaine PhD, BSC*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Elucidating the disease-causing mechanisms of inherited phospholamban mutations in human iPSC-derived cardiomyocytes **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$94,600

NEW YORK

*Cerrone, Marina MD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** New York University **City:** New York **Project Title:** Functional characterization of plakophilin-2 mutations in Arrhythmogenic Cardiomyopathy **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK

*CHEN, Lei MD, PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Smad1 inhibition attenuates cerebral ischemia-reperfusion damage and promotes brain repair from neural stem cells **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

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NEW YORK

*Chen, Weiqiang BS,MS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Founders Affiliate **Institution:** New York University **City:** New York **Project Title:** Nanotopography-dependent neural induction of human induced pluripotent stem cells for post stroke neural rehabilitation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK

*Chen, Yun PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Albert Einstein College of Medicine **City:** Bronx **Project Title:** Regulation of mitochondrial function by chaperone mediated autophagy as a new mechanism in heart failure **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK

*Chinnasamy, Prameladevi MS,MS*

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

NEW YORK

*Cho, Hana PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** University of Rochester Medical Center **City:** Rochester **Project Title:** Functional Roles of Alu Element-Containing Long Non-coding RNAs in Human Coronary Artery Smooth Muscle Cell Phenotype **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$98,300

NEW YORK

*Cohen, Ethan PhD,BS*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** University of Rochester Medical Center **City:** Rochester **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

NEW YORK

*Comeau, Eric BSE,MS*

**Program Type:** Predoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** University of Rochester River Campus **City:** Rochester **Project Title:** Ultrasound standing wave field technologies for cell

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patterning and microvessel network formation in vitro and in situ. **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$46,000

NEW YORK

*Dando, Robin BSC,MSc*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Cornell University, Ithaca **City:** Ithaca **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

NEW YORK

*Dantas, Tiago BSC,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** Columbia University, New York **City:** New York **Project Title:** A Role for Centrosome Positioning in Controlling Neural Progenitor Division **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$98,300

NEW YORK

*Dodson, John MD,MPH*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Association Wide **Institution:** NYU Medical Center **City:** New York **Project Title:** Novel insights into treatment-related harms and functional decline among older adults with acute myocardial infarction. **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$153,420

NEW YORK

*Fan, Qing PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Columbia University, New York **City:** New York **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

NEW YORK

*Faraco, Giuseppe MD,PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Founders Affiliate **Institution:** Weill Medical College of Cornell University **City:** New York **Project Title:** Role of Innate Immune Cells in Angiotensin II-induced Neurovascular Dysfunction **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK

*Farber, Gregory BS*

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

NEW YORK  
*Fayad, Zahi PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Two Intensive Life Style Intervention Programs in Related Caregivers of Preschool Children **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$1,365,910

NEW YORK  
*Ferret, Bart MD, MSc*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Founders Affiliate **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Surgical management of chronic mitral regurgitation: a decision-analytic approach **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,998

NEW YORK  
*Ferreri, Nicholas PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** New York Medical College **City:** Valhalla **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

NEW YORK  
*Fuster, Valentin PhD, MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Icahn School of Medicine at Mount Sinai Strategically Focused Prevention Research Center **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$580,800

NEW YORK  
*Fuster, Valentin PhD, MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Children Heart Research Study Program **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$719,690

NEW YORK  
*Garcia-Bonilla, Lidia PhD, BCH*

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**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Founders Affiliate **Institution:** Weill Medical College of Cornell University **City:** New York **Project Title:** Role of brain endothelial CD36 in neutrophil-induced post-ischemic inflammatory injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK

*Gavathiotis, Evripidis PhD*

**Program Type:** Collaborative Sciences Award **Funding Source:** Association Wide **Institution:** Albert Einstein College of Medicine **City:** Bronx **Project Title:** BAX as a small molecule therapeutic target for myocardial infarction **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$275,208

NEW YORK

*Gerlach, Brennan BS*

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

NEW YORK

*Ginsberg, Henry MD*

**Program Type:** Mentor/ AHA Mentee Award **Funding Source:** Association Wide **Institution:** Columbia University, New York **City:** New York **Project Title:** **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$45,000

NEW YORK

*GOO, Younghwa PhD,MS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Albany Medical Center **City:** Albany **Project Title:** Investigation of foam cell formation and atherosclerosis development in LDAH deficient mice **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK

*Guo, Austin PhD,BS*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** New York Medical College **City:** Valhalla **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

NEW YORK

*Hanna, David PhD,MHSc*

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**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Association Wide  
**Institution:** Albert Einstein College of Medicine **City:** Bronx **Project Title:** Prediction of heart failure risk among HIV-infected individuals **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2  
**Total Award Amount:** \$153,144

NEW YORK  
*He, Yan BS,MS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** Syracuse University **City:** Syracuse **Project Title:** Understanding the role of systemxc- in ischemic injury and recovery.  
**Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

NEW YORK  
*Hochman, Judith MA,MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** NYU Medical Center **City:** New York **Project Title:** NYU Women's Heart Attack Research Program **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$580,800

NEW YORK  
*Hook, Jaime BS,MD*

**Program Type:** Fellow-to-Faculty Transition Award **Funding Source:** Association Wide **Institution:** Columbia University, New York **City:** New York **Project Title:** Pulmonary Microvascular Responses to Methicillin-Resistant Staphylococcus aureus Lung Infection **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2021  
**Total Years:** 5 **Total Award Amount:** \$593,000

NEW YORK  
*Hwang, Jee-Yeon BS,MS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Founders Affiliate **Institution:** Albert Einstein College of Medicine **City:** Bronx **Project Title:** The role of miR-132 and miR-34 in global ischemia  
**Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK  
*Ishikawa, Kiyotake MD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Mechanistic and Therapeutic Roles of miRNAs in Left Ventricular Remodeling and Heart Failure **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK  
*Islam, Mohammad PhD*

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**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Columbia University, New York **City:** New York **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

NEW YORK

*Jelic, Sanja MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Columbia University, New York **City:** New York **Project Title:** The Effects of Sleep Restriction on Endothelial Activation in Pre- and Post-Menopausal Women **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$896,117

NEW YORK

*JOURDHEUIL, David PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Albany Medical Center **City:** Albany **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

NEW YORK

*Kafkova, Lucie MS*

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

NEW YORK

*Kitsis, Richard MD*

**Program Type:** Collaborative Sciences Award **Funding Source:** Association Wide **Institution:** Albert Einstein College of Medicine **City:** Bronx **Project Title:** BAX as a small molecule therapeutic target for myocardial infarction **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$474,792

NEW YORK

*Kobayashi, Satoru BS, PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** New York Institute of Technology, Old Westbury **City:** Old Westbury **Project Title:** Lysosomal Dysfunction in the Diabetic Heart **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK

*Krogsgaard, Michelle PhD*

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**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** NYU Medical Center  
**City:** New York **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

NEW YORK  
*Lee, Kwangwoon BS*

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

NEW YORK  
*Lefferts, Wesley BS,MS*

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

NEW YORK  
*Levi, Roberto MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Weill Medical College of Cornell University **City:** New York **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

NEW YORK  
*Liang, Raymond BS*

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

NEW YORK  
*Liang, Yaxuan PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** AAV-Exosomes as a Novel Vector for Myocardial Gene Delivery **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

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NEW YORK

*Lighthouse, Janet BS,MS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** University of Rochester Medical Center **City:** Rochester **Project Title:** The protective effect of metallothioneins on cardiac remodeling and fibrosis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$102,200

NEW YORK

*Liu, Zheng PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Wadsworth Center, Albany **City:** Albany **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

NEW YORK

*Lopes, Coeli PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** University of Rochester Medical Center **City:** Rochester **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

NEW YORK

*Lu, Pengfei PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Albert Einstein College of Medicine **City:** Bronx **Project Title:** Regulation of heart valve development by endocardial Nfatc1-Sox17 interaction **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

NEW YORK

*Mallipattu, Sandeep BS,MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** SUNY, Stony Brook **City:** Stony Brook **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

NEW YORK

*Manheimer, Kathryn BA*

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

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NEW YORK

*Mani, Venkatesh PhD*

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

NEW YORK

*Mano, Itzhak BA,MA*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** City University of New York, City College **City:** New York **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

NEW YORK

*Menon, Madhav MBBS,MD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Role of Shroom3 in native and allograft kidney fibrosis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK

*Miller, Edmund PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** The Feinstein Institute for Medical Research **City:** Manhasset **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

NEW YORK

*Monaghan, Morgan BS,MS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Rochester Medical Center **City:** Rochester **Project Title:** Mechanisms for the Induction of Fatty Acid Biosynthesis by the Human Cytomegalovirus **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

NEW YORK

*Morrell, Craig DVM,PhD*

**Program Type:** Established Investigator Award **Funding Source:** Association Wide **Institution:** University of Rochester Medical Center **City:** Rochester **Project Title:** Platelets are Central Regulators of T helper Cell Immune Responses **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$400,000

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NEW YORK

*Morrow, John BS,MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Columbia University, New York **City:** New York **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

NEW YORK

*Mosca, Lori PhD,MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Columbia University, New York **City:** New York **Project Title:** Sleep and Cardiovascular Risk Across Women's Life Stages **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$580,800

NEW YORK

*Musselman, Laura BS,PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** SUNY, Binghamton **City:** Binghamton **Project Title:** Identification of Lipotoxins Affecting Cardiac Physiology in the Face of Caloric Overload **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$218,486

NEW YORK

*Neelamegham, Sriram PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Association Wide **Institution:** Research Foundation of SUNY **City:** Amherst **Project Title:** Targeting cellular therapeutics in a pre-clinical model of myocardial infarction **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

NEW YORK

*Newman, Jonathan MD,MPH*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Association Wide **Institution:** New York University **City:** New York **Project Title:** Vascular Health and Environmental Exposures in Type 2 Diabetes **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

NEW YORK

*Nishimura, Nozomi BA,PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Cornell University, Ithaca **City:** Ithaca **Project Title:** Mechanisms for lesion expansion after microinfarction: in vivo

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multiphoton microscopy of beating heart **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK  
*OConnor, Christine PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Research Foundation of SUNY **City:** Amherst **Project Title:** The Role of Human Cytomegalovirus US28 in the Acceleration of Atherosclerosis **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK  
*Oh, Jae Gyun PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Role of microRNA-146a as a SUMO1 regulator **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

NEW YORK  
*Ouimet, Mireille BSC, PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** New York University **City:** New York **Project Title:** miR-33 control of the immune response **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$98,300

NEW YORK  
*Pan, Xiaoyue PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Winthrop University Hospital **City:** Mineola **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

NEW YORK  
*Panepinto, John PhD, BS*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Research Foundation of SUNY **City:** Amherst **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

NEW YORK  
*Park, David MD PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** NYU Medical Center **City:** New York **Project Title:** ETV1-Dependent Regulation of the Fast Cardiac Conduction

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Phenotype **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK  
*Patel, Snehal BS,MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Albert Einstein College of Medicine **City:** Bronx **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

NEW YORK  
*Pavlov, Evgeny PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** New York University **City:** New York **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

NEW YORK  
*Perez-Medina, Carlos PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Founders Affiliate **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** "Atherosclerosis phenotyping and targeted treatment by nanoreporter PET imaging" **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK  
*Ragolia, Louis PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Winthrop University Hospital **City:** Mineola **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

NEW YORK  
*Reiss, Allison MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Winthrop University Hospital **City:** Mineola **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

NEW YORK  
*REYNOLDS, Harmony MD*

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**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** NYU Medical Center **City:** New York **Project Title:** Mechanistic insights into Myocardial Infarction with Non-Obstructive Coronary Artery disease (The MINOCA study) **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$1,319,844

NEW YORK

*Rinehold, Kaitlyn BS,MS*

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

NEW YORK

*Rottiers, Veerle BS,MS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Cornell University, Ithaca **City:** Ithaca **Project Title:** Functional analysis of conserved lipid homeostasis genes. **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK

*SAHOO, Susmita PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **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

NEW YORK

*Santisteban, Monica BS,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Weill Medical College of Cornell University **City:** New York **Project Title:** Role of brain perivascular macrophages in the cognitive dysfunction of chronic hypertension **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

NEW YORK

*Sassi, Yassine PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** The role of extracellular cAMP in the pathogenesis of pulmonary arterial hypertension **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK

*Schadt, Eric BS,MS*

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**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Applying cross-generation genetic and genomic information to improve cardiovascular disease prevention **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$1,042,438

NEW YORK

*Sethna, Christine BA, MEd*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** The Feinstein Institute for Medical Research **City:** Manhasset **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

NEW YORK

*Shechter, Ari PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Founders Affiliate **Institution:** Columbia University, New York **City:** New York **Project Title:** Effects of CPAP on diet, physical activity, and cardiovascular risk **Award Start Date:** 1/1/2015 **Award End Date:** 3/31/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

NEW YORK

*Sobie, Eric PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **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

NEW YORK

*SPRUILL, Tanya PhD, MS*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** NYU Medical Center **City:** New York **Project Title:** Telephone-Based Stress Management For Women With Myocardial Infarction **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$797,464

NEW YORK

*St-Onge, Marie-pierre BS, MSc*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Columbia University, New York **City:** New York **Project Title:** Impact of sleep restriction on cardiometabolic risk factors in pre- vs postmenopausal women **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$1,079,127

NEW YORK

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*Sun, Ji PhD,BS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** The Rockefeller University **City:** New York **Project Title:** Molecular Basis of PIP2 Activation of KCNQ1 Channel  
**Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

NEW YORK

*Trembley, Michael BS,MS*

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

NEW YORK

*Tuschl, Thomas BS,MS*

**Program Type:** Collaborative Sciences Award **Funding Source:** Association Wide **Institution:** The Rockefeller University **City:** New York **Project Title:** Analysis of platelet function and microRNA-mRNA profiles in neonatal cardiac patients **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$295,799

NEW YORK

*Vasudevan, Deepika BS,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** NYU Medical Center **City:** New York **Project Title:** Stress-induced translational regulation in lipid metabolism **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

NEW YORK

*Venkata, Subramanyam BS,MS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Columbia University, New York **City:** New York **Project Title:** Mechanisms underlying dysfunctional CaV1.2 and NaV1.5 function during Brugada syndrome in the heart **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK

*WAN, Qun PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Rensselaer Polytechnic Institute **City:** Troy **Project Title:** Engineering Chiral Morphogenesis for Studying Asymmetric Cardiac Looping **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

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*Wu, Mingfu PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Albany Medical Center **City:** Albany **Project Title:** Numb Family Proteins Regulate Trabecular Development **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

NEW YORK

*Xu, Xu BS,MS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Weill Medical College of Cornell University **City:** New York **Project Title:** The role of Fsp27 in the development of nonalcoholic fatty liver disease and steatohepatitis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

NEW YORK

*Yang, Jiwon PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** Burke Medical Research Institute, White Plains **City:** White Plains **Project Title:** Effect of post-stroke limb conditioning on monocyte/macrophage subsets and stroke recovery **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$94,600

NEW YORK

*Yang, Huaqian PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** NYU Medical Center **City:** New York **Project Title:** Plasticity of sarcolemmal KATP channel surface expression: Role of EHD2 **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

NEW YORK

*Yazdanbakhsh, Karina PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** New York Blood Center **City:** New York **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

NEW YORK

*Yin, Wei PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** SUNY, Stony Brook **City:** Stony Brook **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

NEW YORK

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*Yu, Anthony BS,MD*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Association Wide **Institution:** Memorial Sloan Kettering Cancer Center **City:** New York **Project Title:** Long-term cardiovascular impairment associated with trastuzumab cardiotoxicity **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

NEW YORK

*Zhang, Xiaokan BS,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** Columbia University, New York **City:** New York **Project Title:** Regulation of Mitochondrial Enzyme Acetylation and Function through miR-195 Controlled SIRT3 in the Failing Myocardium **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$94,600

NEW YORK

*Zhang, Donghong PhD,MS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Founders Affiliate **Institution:** Albert Einstein College of Medicine **City:** Bronx **Project Title:** Epigenetic regulation of heart development by REST-Dnmt3b interaction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

NEW YORK

*Zhang, Jimmy BA,MS*

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

NEW YORK

*Zhao, Li-ru PhD,MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** SUNY Upstate Medical University **City:** Syracuse **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

NEW YORK

*Zhou, Liye BS,MS*

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

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NEW YORK

*Zhu, Ruijun MA,BS*

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

NEW YORK

*Zhu, Changyu BS,MA*

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

NEW YORK

*Zuloaga, Kristen BA,PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Neural Stem Cell Institute, Regenerative Research Foundation **City:** Rensselaer **Project Title:** ROLE OF AROMATASE IN VASCULAR COGNITIVE IMPAIRMENT IN PREDIABETIC MICE **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

NORTH CAROLINA

*Bergmeier, Wolfgang PhD*

**Program Type:** Established Investigator Award **Funding Source:** Association Wide **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Platelet signaling in Inflammation and Autoimmunity **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2018 **Total Years:** 5 **Total Award Amount:** \$400,000

NORTH CAROLINA

*Brown, Ashley PhD,BS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** North Carolina State University **City:** Raleigh **Project Title:** Development of anti-microbial platelet-like particles for augmentation of hemostasis and advanced wound healing **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

NORTH CAROLINA

*Brown, David BA,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Developing a cardiac specific therapeutic peptide

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inhibitor of the MuRF1-PPAR $\alpha$  interaction to treat heart failure **Award Start Date:** 1/1/2017 **Award End Date:** 2/28/2019 **Total Years:** 2 **Total Award Amount:** \$106,350

NORTH CAROLINA

*Cao, Jingli PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Durham **City:** Durham **Project Title:** Dissecting the dynamic epicardial injury response during heart regeneration **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

NORTH CAROLINA

*Caron, Kathleen PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Association Wide **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Role of Cardiac Lymphatics in Resolution of Myocardial Edema and Injury **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$149,998

NORTH CAROLINA

*Choi, Minjung BS*

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

NORTH CAROLINA

*Clough, Jeffrey MD, MBA*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Durham **City:** Durham **Project Title:** Variability in Clinician-Patient Risk Discussions for Using Statins and Association with Statin Prescription **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$149,163

NORTH CAROLINA

*Davis, Reema BSc, MSc*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Adrenomedullin Signaling in Lymphatic Permeability **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$86,000

NORTH CAROLINA

*Davis, Ryan BS, MSc*

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

NORTH CAROLINA

*DE CASTRO BRAS, Lisandra PhD, BSC*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** East Carolina University **City:** Greenville **Project Title:** MMP-9 Generated Collagen C-peptide Roles in Post-myocardial Infarction Remodeling **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4  
**Total Award Amount:** \$308,000

NORTH CAROLINA

*Dee, Rachel BS*

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

NORTH CAROLINA

*Douglas, Pamela MD, NONE*

**Program Type:** Mentor/ AHA Mentee Award **Funding Source:** Association Wide **Institution:** Duke University Medical Center **City:** Durham **Project Title:** **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019  
**Total Years:** 3 **Total Award Amount:** \$60,000

NORTH CAROLINA

*Felker, Michael MD, MHSc*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Duke University Medical Center **City:** Durham **Project Title:** Duke Center for Heart Failure and Diabetes Research  
**Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$746,150

NORTH CAROLINA

*Felker, Michael MD, MHSc*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Duke University Medical Center **City:** Durham **Project Title:** A randomized trial of a mobile health behavioral intervention in patients with heart failure and diabetes mellitus **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$1,601,884

NORTH CAROLINA

*Fox, Donald PhD, BS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Durham **City:** Durham **Project Title:** Hypertrophy vs. Proliferation following tissue injury: A

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Drosophila model **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

NORTH CAROLINA

*Fudin, Marat MD*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Association Wide  
**Institution:** Duke University Medical Center **City:** Durham **Project Title:** Splanchnic Nerve Block for Therapy of Acute Heart Failure (Splanchnic HF) **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

NORTH CAROLINA

*Heden, Timothy PhD,MS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** East Carolina University **City:** Greenville **Project Title:** Skeletal muscle mitochondrial phosphatidylethanolamine and respiratory capacity **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

NORTH CAROLINA

*HERNANDEZ, Adrian MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Duke University Durham **City:** Durham **Project Title:** Improving Population Health for Patients with Diabetes and Heart Failure (IMPACT-HF) **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$745,719

NORTH CAROLINA

*Ho, Hsiang-Ting BS,MS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Duke University Medical Center **City:** Durham **Project Title:** Tuning of cardiac EC coupling by the parasympathetic system **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$93,000

NORTH CAROLINA

*HOFFMAN, Brenton PhD,BS*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Durham **City:** Durham **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

NORTH CAROLINA

*Hoffman, Maureane BS,MD PhD*

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**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Medical Center **City:** Durham **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

NORTH CAROLINA

*Hum, Yee Fang BS*

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

NORTH CAROLINA

*Hutson, Mary PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Durham **City:** Durham **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

NORTH CAROLINA

*Kang, Junsu PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Durham **City:** Durham **Project Title:** Unraveling the regulatory mechanisms of cardiac regeneration enhancer **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

NORTH CAROLINA

*Karhausen, Joern MD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Medical Center **City:** Durham **Project Title:** Platelets as regulators of inflammation and tissue injury after cardiac surgery **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

NORTH CAROLINA

*Kontos, Christopher MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Durham **City:** Durham **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

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*Kwun, Jean PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Medical Center **City:** Durham **Project Title:** Prevention of Homograft Induced Cardiac Allograft Vasculopathy in Pediatric Heart Transplantation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

NORTH CAROLINA

*Lawson, Reed BS*

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

NORTH CAROLINA

*Lee, Craig PharmD, PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **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

NORTH CAROLINA

*Liu, Jiandong PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **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

NORTH CAROLINA

*Mack, Christopher PhD*

**Program Type:** Medical student research fellowship **Funding Source:** Association Wide **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** UNC medical/professional student summer cardiovascular research training program **Award Start Date:** 2/1/2017 **Award End Date:** 1/31/2020 **Total Years:** 3 **Total Award Amount:** \$60,000

NORTH CAROLINA

*Mangum, Kevin BS*

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

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NORTH CAROLINA

*Martz, Matthew BSC, PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Characterization of biological noise in a cell fate decision signaling pathway. **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$86,000

NORTH CAROLINA

*May, Linda PhD, MS*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** East Carolina University **City:** Greenville **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

NORTH CAROLINA

*Molina, Anthony PhD, BS*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Mid-Atlantic Affiliate **Institution:** Wake Forest University Baptist Medical Center **City:** Winston Salem **Project Title:** Mitochondrial Bioenergetics in Heart Failure with Preserved Ejection Fraction and Optimized Intervention Strategies **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$153,802

NORTH CAROLINA

*North, Kari BA, MA*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **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

NORTH CAROLINA

*Parry, Traci PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Protein Quality Control: MuRF1's Regulation of Autophagic Flux **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

NORTH CAROLINA

*Poss, Kenneth PhD*

**Program Type:** Merit Award **Funding Source:** Association Wide **Institution:** Duke University Durham **City:** Durham **Project Title:** Enhancing heart regeneration **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2021 **Total Years:** 5 **Total Award Amount:** \$1,000,000

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NORTH CAROLINA

*Qian, Li PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** The role of cell proliferation and p53 in cardiac fibroblast reprogramming **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

NORTH CAROLINA

*Robinson-Hamm, Jacqueline BS*

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

NORTH CAROLINA

*Sethupathy, Praveen PhD*

**Program Type:** Collaborative Sciences Award **Funding Source:** Association Wide **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Novel small RNA intercellular communication networks mediated by HDL **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$225,390

NORTH CAROLINA

*SHAH, Svati MS,MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Duke University Durham **City:** Durham **Project Title:** Branched Chain Amino Acid and other Metabolic Pathways in Diabetic Heart Failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$615,447

NORTH CAROLINA

*Shaltout, Hossam PhD,RPh*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Wake Forest University **City:** Winston Salem **Project Title:** Comprehensive Assessment of Vascular and Autonomic Function in Children with Low Vitamin D **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$301,912

NORTH CAROLINA

*Shenoy, Sudha PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Durham **City:** Durham **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

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NORTH CAROLINA

*Shih, Yen-yu PhD,BS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Dynamic MRI of tPA-induced perinfract spreading depolarizations: outcome correlates and potential therapy **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

NORTH CAROLINA

*SLAGLE, Christopher BA,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** CARDIAC-SPECIFIC MECHANISMS OF EOMESODERMIN-MEDIATED TRANSCRIPTIONAL REGULATION **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$86,000

NORTH CAROLINA

*Song, Juan PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Local circuitry mechanism underlying stroke induced neurogenesis in the adult hippocampus **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

NORTH CAROLINA

*Sparkenbaugh, Erica BS,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Novel Anticoagulant Approaches to Treat Cardiovascular Complications in Sickle Cell Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

NORTH CAROLINA

*Spracklen, Cassandra BA,MS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Trans-ancestry Genetic Architecture of Circulating Lipid and C-reactive Protein Levels **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$86,000

NORTH CAROLINA

*Swift, Damon BA,MEd*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** East Carolina University **City:** Greenville **Project Title:** The Intervention Composed of Aerobic Training and Non-

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**Total Award Amount:** \$308,000

NORTH CAROLINA

*Taylor, Joan PhD*

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

NORTH CAROLINA

*Trincot, Claire BS*

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

NORTH CAROLINA

*Vandergriff, Adam BSE,MS*

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

NORTH CAROLINA

*Von Holle, Ann MA,MS*

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

NORTH CAROLINA

*Voora, Deepak MD*

**Program Type:** Innovative Research Grant **Funding Source:** Association Wide **Institution:** Duke University Medical Center **City:** Durham **Project Title:** Ex vivo metabolomic profiling of statin-induced myopathy **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$149,037

NORTH CAROLINA

*Waldron, Nathan MD*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Medical Center **City:** Durham **Project Title:** Temporary autonomic blockade to

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NORTH CAROLINA  
*Wang, Jinhua BS, PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Duke University Durham **City:** Durham **Project Title:** Dissecting the directional regeneration of ventricular epicardium **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

NORTH CAROLINA  
*Wylie, Lyndsay BS*

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

NORTH CAROLINA  
*Xian, Ying PhD, MD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Duke University Medical Center **City:** Durham **Project Title:** Off-Guideline Thrombolysis in Stroke Patients with Recent Prior Stroke, MI, Major Surgery, or Prior Stroke plus Diabetes **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

NORTH CAROLINA  
*Yamaleyeva, Liliya MS, MD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Wake Forest University **City:** Winston Salem **Project Title:** The Role of ACE2 in Pregnancy **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

NORTH CAROLINA  
*Yang, Wei BS, MS*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Durham **City:** Durham **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

NORTH CAROLINA  
*Zhang, Lisheng MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** Duke University Durham **City:** Durham **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

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NORTH CAROLINA

*Zhang, Qi PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Mid-Atlantic Affiliate **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **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

NORTH CAROLINA

*Zhu, Xuewei MBBS,MS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Wake Forest University Baptist Medical Center **City:** Winston Salem **Project Title:** Dietary PUFAs, NLRP3 Inflammation and Atherosclerosis **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

NORTH CAROLINA

*Zhu, Qiang MD,MS*

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

NORTH DAKOTA

*Jarajapu, Yagna PharmD,MSc*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** North Dakota State University, Fargo **City:** Fargo **Project Title:** ACE2/Ang-(1-7) Axis: A Target for Vascular Repair in Diabetes **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

NORTH DAKOTA

*Zhang, Ke PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Midwest Affiliate **Institution:** University of North Dakota **City:** Grand Forks **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

OHIO

*AbouAlaiwi, Wissam*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Toledo Health Science Campus **City:** Toledo **Project Title:** Role of myocyte primary cilia in

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cardiovascular disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

OHIO

*Accornero, Federica PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Association Wide **Institution:** The Ohio State University **City:** Columbus **Project Title:** Gene expression regulation in the remodeling heart **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

OHIO

*Alevriadou, Barbara Rita BS,MS*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **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

OHIO

*Amini, Rouzbeh PhD,MS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Akron **City:** Akron **Project Title:** Multistate Model of The Tricuspid Valve Repair Surgery **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Angelos, Mark*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **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

OHIO

*Askwith, Candice PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **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

OHIO

*Ayasoufi, Katayoun BA*

**Program Type:** Predoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** Mechanisms of T cell reconstitution following antibody-

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

OHIO

*Ballinger, Megan PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **Project Title:** The role of macrophages in regulating pulmonary fibrosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

OHIO

*Basu, Madhumita PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Nationwide Children's Hospital **City:** Columbus **Project Title:** Epigenetic mechanisms underlying maternal diabetes associated cardiac malformations **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$93,000

OHIO

*BECKER, Richard*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** University of Cincinnati **City:** Cincinnati **Project Title:** Study of Hypertension in Pediatrics - Adult Hypertension Onset in Youth (SHIP AHOY) **Award Start Date:** 4/1/2015 **Award End Date:** 3/31/2019 **Total Years:** 4 **Total Award Amount:** \$339,658

OHIO

*Bhandary, Bidur BS,MS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** Myofibroblast TGF-beta signaling in cardiac fibrosis. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

OHIO

*Bihl, Ji PhD,MD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Wright State University, Dayton **City:** Dayton **Project Title:** Role of ACE2 over-expressing endothelial progenitor cells in cerebral hemorrhage **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Bridges, James PhD*

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**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** Role of GPR116 in the Regulation of Alveolar Surfactant Pool Size **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Carnes, Cynthia PharmD, PhD*

**Program Type:** Mentor / AHA Mentee Award **Funding Source:** Association Wide **Institution:** The Ohio State University **City:** Columbus **Project Title:** **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$45,000

OHIO

*Castro, Carlos PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Association Wide **Institution:** The Ohio State University **City:** Columbus **Project Title:** A Molecular Biophysical Approach for Studying Transvascular Function In Vitro **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

OHIO

*Chai, Sam BS*

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

OHIO

*Chakravarti, Ritu PhD, MSc*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Toledo Health Science Campus **City:** Toledo **Project Title:** Novel Determinants of Large Vessel Vasculitis **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$231,000

OHIO

*Chattopadhyay, Saurabh PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** Innate immune responses against respiratory virus infection **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

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*Chung, Jae-hoon BA*

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

OHIO

*Cooke, Allison BA*

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

OHIO

*Davalos, Dimitrios MSc, PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** In vivo imaging of microglial responses to blood clotting factors **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Davis, Ian PhD, DVM*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **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

OHIO

*Dobre, Mirela MD, MPH*

**Program Type:** Fellow-to-Faculty Transition Award **Funding Source:** Association Wide **Institution:** Case Western Reserve University **City:** Cleveland **Project Title:** Serumbicarbonate and cardiovascular risk in patients with chronic kidney disease **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2018 **Total Years:** 5 **Total Award Amount:** \$593,000

OHIO

*Elnakish, Mohammad PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **Project Title:** Desynchronization of Intracellular Ca<sup>2+</sup> Release by IK1 Activation: A New Antiarrhythmic Approach in Human Hearts at Risk **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$93,000

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OHIO

*Fan, Guo-Chang BS,MS*

**Program Type:** Established Investigator Award **Funding Source:** Association Wide **Institution:** University of Cincinnati **City:** Cincinnati **Project Title:** Exosomes and Their Content Reprogramming in Heart Failure  
**Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2021 **Total Years:** 5 **Total Award Amount:** \$400,000

OHIO

*Fedorov, Vadim PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **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

OHIO

*Gardner, George BS*

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

OHIO

*Gooch, Keith PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **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

OHIO

*Graham, Linda MD,OTR*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cleveland Clinic Foundation **City:** Cleveland **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

OHIO

*Guan, Jianjun PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **Project Title:** Oxygen releasing stem cell 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

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OHIO

*Gulshan, Kailash PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** Mechanisms of cellular lipid homeostasis and nascent HDL formation. **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Heathcock, Jill MPT, PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **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

OHIO

*Helsley, Robert BS, PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** The Role of Hepatocyte ABHD6-Driven Lipid Turnover in Obesity-Associated Insulin Resistance **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

OHIO

*Hoffman, Robert BS, MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Nationwide Children's Hospital **City:** Columbus **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

OHIO

*Jain, Mukesh MD*

**Program Type:** Established Investigator Award **Funding Source:** Association Wide **Institution:** Case Western Reserve University **City:** Cleveland **Project Title:** Circadian control of cardiac biology **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$400,000

OHIO

*Janssen, Paul PhD*

**Program Type:** Mentor/ AHA Mentee Award **Funding Source:** Association Wide **Institution:** The Ohio State University **City:** Columbus **Project Title:** **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$60,000

OHIO

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*Kalyanasundaram, Anuradha MS, PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** The Ohio State University **City:** Columbus **Project Title:** Role of Ryanodine receptor dysfunction in heart rate regulation and catecholaminergic arrhythmias **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*kanisicak, onur PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** In vivo characterization and ablation of murine cardiac fibroblasts within normal and pathological heart **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$95,000

OHIO

*Karpurapu, Manjula PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** The Ohio State University **City:** Columbus **Project Title:** NFATc3 regulation of sepsis induced pulmonary edema **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

OHIO

*Kasumov, Takhar PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Northeast Ohio Medical University **City:** Rootstown **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

OHIO

*Kennedy, David PhD, MS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Toledo Health Science Campus **City:** Toledo **Project Title:** Cardioprotective Steroids in Cardio-Renal Syndrome **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Kim, Andrew BS*

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

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OHIO

*Kumarasamy, Sivarajan PhD,MSc*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Toledo Health Science Campus **City:** Toledo **Project Title:** Resp18 a novel genetic determinant of blood pressure regulation and renal function **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Kwong, Jennifer BA,PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** Defining the role of MCUB in the regulation of cardiac mitochondrial calcium sensing, metabolism and survival **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Lahaye, Stephanie BS*

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

OHIO

*Lincoln, Joy PhD*

**Program Type:** Undergraduate fellowship **Funding Source:** Association Wide **Institution:** Nationwide Children's Hospital **City:** Columbus **Project Title:** Nationwide Children's Hospital Summer Undergraduate Research Program **Award Start Date:** 2/1/2017 **Award End Date:** 1/31/2020 **Total Years:** 3 **Total Award Amount:** \$60,000

OHIO

*Linder, Susan BS,MHSc*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Great Rivers Affiliate **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** Heart-Brain Retraining: Forced Aerobic Exercise for Stroke Rehabilitation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$120,981

OHIO

*Liu, Bin MS,PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** The Ohio State University **City:** Columbus **Project Title:** Gene transfer of calmodulin as a potential therapy for ryanopathies **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

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OHIO

*Lou, Hua PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Case Western Reserve University **City:** Cleveland **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

OHIO

*Lubbers, Ellen BS*

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

OHIO

*Luo, Yu PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Case Western Reserve University **City:** Cleveland **Project Title:** Role of the sonic hedgehog pathway in neuroregeneration in stroke animals **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Maitre, Nathalie MA, PhD*

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

OHIO

*Maliken, Bryan BA*

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

OHIO

*Mamidi, Ranganath DVM, PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Case Western Reserve University **City:** Cleveland **Project Title:** Sarcomere-based pharmacological approach to rescue

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contractile dysfunction in dilated and hypertrophic cardiomyopathies **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

OHIO

*MEARS, Jason PhD,BS*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Case Western Reserve University **City:** Cleveland **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

OHIO

*Melchior, John BSE,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Cincinnati **City:** Cincinnati **Project Title:** Apolipoprotein Structure in High Density Lipoprotein **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$95,000

OHIO

*Meszaros, JGary PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Northeast Ohio Medical University **City:** Rootstown **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

OHIO

*MOHAN, Maradumane PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** Akt independent GSK-3 regulation by Phosphoinositide 3 kinase gamma governs cardiac hypertrophy **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Mohler, Peter PhD,BS*

**Program Type:** Mentor/AHA Mentee Award **Funding Source:** Association Wide **Institution:** The Ohio State University **City:** Columbus **Project Title:** **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$45,000

OHIO

*Morton, Richard PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cleveland Clinic Foundation **City:** Cleveland **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

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OHIO

*Nieman, Marvin PhD,BS*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Case Western Reserve University **City:** Cleveland **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

OHIO

*Pabla, Navjotsingh PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** The Ohio State University **City:** Columbus **Project Title:** Targeting the CDK4/6-RB pathway in acute kidney injury **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

OHIO

*Page, Stephen PhD,OTR*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **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

OHIO

*Paruchuri, Sailaja PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Akron **City:** Akron **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

OHIO

*PEREZ, Dianne PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cleveland Clinic Foundation **City:** Cleveland **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

OHIO

*Plow, Ela PhD,PT*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cleveland Clinic Foundation **City:** Cleveland **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

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OHIO

*Qualls, Joseph PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** L-citrulline and host defenses to mycobacteria **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$231,000

OHIO

*Queme, Luis BS,MD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** Role of GDNF in the Dual Modulation of Nociception and Cardiovascular Reflexes during Peripheral Ischemia **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

OHIO

*Rajaram, Murugesan PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** The Ohio State University **City:** Columbus **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

OHIO

*Ramamurthi, Anand PhD,MS*

**Program Type:** Innovative Research Grant **Funding Source:** Association Wide **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** Minimally Invasive Regenerative Therapy for Small Abdominal Aortic Aneurysms **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

OHIO

*Raman, Priya PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Northeast Ohio Medical University **City:** Rootstown **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

OHIO

*Roberts, Adam PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** Intestinal microbial TMA lyase activity and atherosclerosis susceptibility **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$91,000

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OHIO

*Robinet, Peggy PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** Regulation of autolysosome formation in foam cells  
**Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Rubinstein, Jack MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** University of Cincinnati **City:** Cincinnati **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

OHIO

*Schugar, Rebecca BA, PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** Trimethylamine Influences Energy Expenditure through the Beiging of White Adipose Tissue **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$89,000

OHIO

*Schumacher, Jennifer BS, PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** The Role of Fibronectin/Integrin and BMP Signaling in Endocardial Morphogenesis and Differentiation **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Shi, Haifei MD, PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Miami University, Oxford **City:** Oxford **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

OHIO

*Solanki, Sumeet BS*

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

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OHIO

*Song, Jonathan PhD,MS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** The Ohio State University **City:** Columbus **Project Title:** Microfluidic Tissue Analogue for Blood and Lymphatic Vessel Network Formation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Stavrou, Evi MD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Case Western Reserve University **City:** Cleveland **Project Title:** Leukocyte Factor XII Modulates Venous Thrombosis and Inflammation. **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

OHIO

*SUBRAMANIAN, KAVITHA BS,MS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Cincinnati **City:** Cincinnati **Project Title:** Interleukin-4 regulates zinc homeostasis to weaken macrophage antifungal defense **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$91,000

OHIO

*Sucosky, Philippe BS,MS*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Wright State University, Dayton **City:** Dayton **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

OHIO

*Sumanas, Saulius BS,PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **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

OHIO

*Sun, Yvonne BS,PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Dayton **City:** Dayton **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

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OHIO

*Sweeny, Elizabeth BS,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** Mechanisms Governing Heme Insertion during Maturation of the NADPH Oxidases **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

OHIO

*Unudurthi, Sathyadev PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **Project Title:** Spectrin-based complex for regulation of STAT3 signaling and heart function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

OHIO

*Urbina, Elaine MD,MS*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** Cincinnati Children's Hospital Strategically Focused Hypertension Research Center **Award Start Date:** 4/1/2015 **Award End Date:** 3/31/2019 **Total Years:** 4 **Total Award Amount:** \$800,800

OHIO

*Urbina, Elaine MD,MS*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** Threshold for Development of Blood Pressure-Related Target Organ Damage in Youth **Award Start Date:** 4/1/2015 **Award End Date:** 3/31/2019 **Total Years:** 4 **Total Award Amount:** \$1,846,017

OHIO

*Valiente Alandi, Inigo BS,MS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** Exploring fibronectin as a therapeutic target in cardiac fibrosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

OHIO

*VON RECUM, Horst BA,ME*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Case Western Reserve University **City:** Cleveland **Project Title:** Preventing Infection in Arteriovenous Grafts Through Drug

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Reloading **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

OHIO

*Whitton, Sarah PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Cincinnati **City:** Cincinnati **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

OHIO

*Wold, Loren MS,PhD*

**Program Type:** Mentor/AHA Mentee Award **Funding Source:** Association Wide **Institution:** The Ohio State University **City:** Columbus **Project Title:** **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$45,000

OHIO

*Yang, Yisheng MD,PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** MetroHealth Medical Center **City:** Cleveland **Project Title:** Defining the Defining the Role of Diabetes-associated Transcription Factor Glis3 in Macrophage Activation and Atherogenesis **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Yao, Peng PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** Stress-responsive VEGF-A RNA switch **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Yeung, David*

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

OHIO

*Yutzey, Katherine PhD*

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**Program Type:** Undergraduate fellowship **Funding Source:** Great Rivers Affiliate **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** Cincinnati Children's SURF Program  
**Award Start Date:** 2/1/2016 **Award End Date:** 1/31/2018 **Total Years:** 2 **Total Award Amount:** \$40,000

OHIO

*Zhang, Jian MS,MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **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

OHIO

*Zhu, Weifei BS,MS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** Gut flora, platelet function, and thrombosis risk  
**Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

OHIO

*Ziolo, Mark PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** The Ohio State University **City:** Columbus **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

OKLAHOMA

*Cha, Bok Sik PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** Oklahoma Medical Research Foundation **City:** Oklahoma City **Project Title:** Wnt signaling in lymphatic and lymphovenous valve development **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

OKLAHOMA

*Griffin, Courtney PhD,BA*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** Oklahoma Medical Research Foundation **City:** Oklahoma City **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

OKLAHOMA

*Guthmiller, Jenna BS*

**Program Type:** Predoctoral Fellowship/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** University of Oklahoma Health Sciences Center **City:** Oklahoma City **Project Title:** Role of CD138hi B cells in

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immunosuppression during experimental Plasmodium infection **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

OKLAHOMA

*Kirkpatrick, Angelia MD,MPH*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** University of Oklahoma Health Sciences Center **City:** Oklahoma City **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

OKLAHOMA

*Lee, Chung-hao PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Oklahoma **City:** Norman **Project Title:** Computer-assisted management and treatment of functional tricuspid regurgitation **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$307,049

OKLAHOMA

*Mahamud, Rij BS,MS*

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

OKLAHOMA

*Menendez, Matthew PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** Oklahoma Medical Research Foundation **City:** Oklahoma City **Project Title:** Epigenetic Regulation of Necroptosis in Lymphatic Endothelial Cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

OKLAHOMA

*Shao, Bojing BS,MS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** Oklahoma Medical Research Foundation **City:** Oklahoma City **Project Title:** Roles of talin binding to beta tails and actin for integrin activation in neutrophils **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$106,372

OKLAHOMA

*Srinivasan, Sathish PhD*

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**Program Type:** Beginning Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** Oklahoma Medical Research Foundation **City:** Oklahoma City **Project Title:** Cellular and molecular mechanisms of lymphatic vascular regeneration **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

OKLAHOMA

*Stavrakis, Stavros MD,PhD*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** SouthWest Affiliate **Institution:** University of Oklahoma Health Sciences Center **City:** Oklahoma City **Project Title:** TRanscutaneous Electrical vAgus nerve sTimulation to suppress Atrial Fibrillation (TREAT-AF) **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$140,000

OKLAHOMA

*ValcarcelAres, Marta Noa BSC,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** University of Oklahoma Health Sciences Center **City:** Oklahoma City **Project Title:** Cerebromicrovascular dysfunction in type 2 diabetes **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$99,112

OKLAHOMA

*Zenewicz, Lauren PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Oklahoma Health Sciences Center **City:** Oklahoma City **Project Title:** The role of hypoxia in expression of the inflammation-associated cytokine interleukin-22 (IL-22) **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

OKLAHOMA

*Zhang, Xin PhD,MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** SouthWest Affiliate **Institution:** University of Oklahoma Health Sciences Center **City:** Oklahoma City **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

OREGON

*Alkayed, Nabil MD,PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate **Institution:** Oregon Health & Science University, Portland **City:** Portland **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

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OREGON

*anand, sudarshan PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Association Wide **Institution:** Oregon Health & Science University, Portland **City:** Portland **Project Title:** Manipulating endothelial DNA repair to regulate angiogenesis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

OREGON

*Aslan, Joseph PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Oregon Health & Science University, Portland **City:** Portland **Project Title:** Rho GTPase regulation of cytoskeletal dynamics and platelet function **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$230,999

OREGON

*Back, Stephen MD PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Oregon Health & Science University, Portland **City:** Portland **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

OREGON

*Chen, Shanshuang BS, PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Western States Affiliate **Institution:** Oregon Health & Science University, Portland **City:** Portland **Project Title:** Structural investigation of AMPA receptor modulation by its auxiliary protein TARP **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$90,000

OREGON

*Corbitt, Holly BS*

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

OREGON

*Ely, Brett MS, BS*

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

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*Ferencik, Maros PhD,MD*

**Program Type:** Fellow-to-Faculty Transition Award **Funding Source:** Association Wide **Institution:** Oregon Health & Science University, Portland **City:** Portland **Project Title:** Assessment of High-risk Coronary Plaque by CT for Diagnosis and Prognosis of CAD in Primary and Secondary Prevention **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2018 **Total Years:** 5 **Total Award Amount:** \$593,000

OREGON

*Lovering, Andrew PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** University of Oregon, Eugene **City:** Eugene **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

OREGON

*Maloyan, Alina PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate **Institution:** Oregon Health & Science University, Portland **City:** Portland **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

OREGON

*McCarty, Owen BS,PhD*

**Program Type:** Established Investigator Award **Funding Source:** Association Wide **Institution:** Oregon Health & Science University, Portland **City:** Portland **Project Title:** Platelet recruitment, activation and thrombus formation **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$400,000

OREGON

*Minson, Christopher MS,PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Western States Affiliate **Institution:** University of Oregon, Eugene **City:** Eugene **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

OREGON

*Nelson, Jonathan BS,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Western States Affiliate **Institution:** Oregon Health & Science University, Portland **City:** Portland **Project Title:** The Molecular Fingerprint of

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Endothelial Dysfunction **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$90,000

OREGON

*Offner, Halina MSc,DMSc*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Oregon Health & Science University, Portland **City:** Portland **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

OREGON

*Pamir, Nathalie PhD,MSc*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Oregon Health & Science University, Portland **City:** Portland **Project Title:** Genetic Dissection of HDL Function **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

OREGON

*Perundurai, Dhandapany BSc,MSc*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Oregon Health & Science University, Portland **City:** Portland **Project Title:** Targeting the RAS-MAPK pathway using polypharmacological approach for pediatric cardiomyopathy **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$307,996

OREGON

*TAVORI, Hagai BSc,MSc*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Oregon Health & Science University, Portland **City:** Portland **Project Title:** Macrophage apoAI and Atherosclerosis Regression **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$307,804

OREGON

*Wagner, Andrew BA*

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

PENNSYLVANIA

*Al Ghouleh, Imad BSc,BA*

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**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** The Roles of Nox1, EBP50 and Ask1 in Right Ventricular Hypertrophy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA  
*Alba, Billie BS,BA*

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

PENNSYLVANIA  
*Arany, Zoltan BA,MD*

**Program Type:** Established Investigator Award **Funding Source:** Association Wide **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Understanding Metabolic Flux in Cardiac Health and Disease **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$400,000

PENNSYLVANIA  
*Assari, Soroush BS,MS*

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

PENNSYLVANIA  
*ATLURI, Pavan MD,BS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Tissue Engineered Hydrogel Encapsulated Progenitor Cell Angiogenic Matrix to Treat Ischemic Heart Failure **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA  
*Autieri, Michael PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Association Wide **Institution:** Temple University **City:** Philadelphia **Project Title:** Reduction of blood viscosity and turbulence by magnetic field reduces atherosclerosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

PENNSYLVANIA  
*Barone Gibbs, Bethany PhD*

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**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** University of Pittsburgh  
**City:** Pittsburgh **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

PENNSYLVANIA

*Bauer, Eileen BS, PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Hydroxychloroquine Blocks Autophagy and Pulmonary Hypertension Induced by HMGB1 **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$231,000

PENNSYLVANIA

*Bauer, Robert BA, PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Mechanisms of Tribbles1 Regulation of Lipogenesis and Plasma Lipids in Humans **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

PENNSYLVANIA

*Betley, John Nicholas PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Identifying the neural circuits that inhibit weight loss **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

PENNSYLVANIA

*Bhavanasi, Dheeraj PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Signaling mechanisms regulating ex vivo maintenance and expansion of Hematopoietic stem cells **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

PENNSYLVANIA

*Bi, Xin MBBS, PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Regulation of lipoprotein metabolism by C6orf106, a novel lipid- and coronary artery disease-associated gene **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$91,000

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*Bisello, Alessandro PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pittsburgh **City:** Pittsburgh **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

PENNSYLVANIA

*Blewer, Audrey MPH,BA*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Association Wide **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Quantifying the national prevalence and associated disparities of laypersons trained in CPR **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$154,000

PENNSYLVANIA

*Bostan, Andreea BSc,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Top-Down Control of Cardiovascular Function **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$93,000

PENNSYLVANIA

*Burdick, Jason BS,PhD*

**Program Type:** Established Investigator Award **Funding Source:** Association Wide **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Engineered Hydrogels for Catheter Delivery to Infarcted Myocardium **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2018 **Total Years:** 5 **Total Award Amount:** \$400,000

PENNSYLVANIA

*Camirand, Geoffrey BS,MSc*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Mechanisms and Promotion of CD4+ Regulatory T Cell Intra-graft Suppressor Function in Allograft Tolerance **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA

*Cannavo, Alessandro BS,MSc*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Temple University **City:** Philadelphia **Project Title:** Role Beta-3 Adrenergic Receptors in Heart Failure Progression and in Response to Beta-blockade **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

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*Caporizzo, Matthew PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Isolating the role of the deetyrosinated microtubule cytoskeleton in cardiomyocyte mechanotransduction **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

PENNSYLVANIA

*Catov, Janet PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Magee-Womens Research Institute and Foundation **City:** Pittsburgh **Project Title:** The placenta as a window to maternal microvascular disease risk **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$1,135,350

PENNSYLVANIA

*Chan, Stephen PhD,MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** University of Pittsburgh **City:** Pittsburgh **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

PENNSYLVANIA

*Chen, Minna BSE*

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

PENNSYLVANIA

*Cheng, Zhongjian MS,PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Temple University **City:** Philadelphia **Project Title:** Calpain mediated endothelial dysfunction in hyperhomocysteinemia and hyperglycemia **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA

*Cheung, Joseph MD,PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Temple University **City:** Philadelphia **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

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PENNSYLVANIA

*Clyne, Alisa PhD,BS*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Drexel University  
**City:** Philadelphia **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

PENNSYLVANIA

*Cook, Keith PhD*

**Program Type:** Undergraduate fellowship **Funding Source:** Association Wide **Institution:** Carnegie Mellon University **City:** Pittsburgh **Project Title:** Carnegie Heart Summer Undergraduate Research Program **Award Start Date:** 2/1/2017 **Award End Date:** 1/31/2020 **Total Years:** 3 **Total Award Amount:** \$60,000

PENNSYLVANIA

*Cui, Jian PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Pennsylvania State University, Hershey **City:** Hershey **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

PENNSYLVANIA

*Dave, Jaydev BS,MS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Thomas Jefferson University **City:** Philadelphia **Project Title:** Noninvasive, Subharmonic Intra-Cardiac Pressure Measurement **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

PENNSYLVANIA

*De La Fuente, Sergio PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Thomas Jefferson University **City:** Philadelphia **Project Title:** Strategic positioning of the mitochondrial calcium uniporter in cardiac mitochondria **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$91,000

PENNSYLVANIA

*Eguchi, Satoru PhD,MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Temple University **City:** Philadelphia **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

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PENNSYLVANIA

*El Khoudary, Samar BS,MPH*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** High-density Lipoprotein Particles in Women Transitioning Through Menopause: The HDL-Menopause Study **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$152,710

PENNSYLVANIA

*Elliott, Katherine BS,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Temple University **City:** Philadelphia **Project Title:** Caveolae Signal in Angiotensin II-induced ADAM17 Activation and Hypertensive Vascular Remodeling **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$89,000

PENNSYLVANIA

*Elrod, John PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Temple University **City:** Philadelphia **Project Title:** Investigation of a novel mitochondrial sodium/calcium exchanger and its role in heart failure **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA

*Esper, Stephen MD,MBA*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Great Rivers Affiliate **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** A Pilot Study in Feasibility and Safety: Point of care testing with thromboelastography for blood product transfusion **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

PENNSYLVANIA

*Fan, Hua-Ying PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** University of Pennsylvania **City:** Philadelphia **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

PENNSYLVANIA

*Fernandez-Mendoza, Julio PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Pennsylvania State University, Hershey **City:** Hershey **Project Title:** Interplay of Short Sleep Duration and Cognitive Impairment on Cardiovascular Disease and Stroke Mortality **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$304,621

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PENNSYLVANIA

*Ferrari, Giovanni PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pennsylvania **City:** Philadelphia **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

PENNSYLVANIA

*Fishbein, Ilia PhD,MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** The Children's Hospital of Philadelphia **City:** Philadelphia **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

PENNSYLVANIA

*Gao, Zhonghua PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Pennsylvania State University, Hershey **City:** Hershey **Project Title:** Regulation of ES Cell Cardiac Differentiation by PRC1 Complexes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

PENNSYLVANIA

*Goldfinger, Lawrence PhD,BSC*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Temple University **City:** Philadelphia **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

PENNSYLVANIA

*Goukassian, David MD PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Temple University **City:** Philadelphia **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

PENNSYLVANIA

*Greaney, Jody PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Pennsylvania State University, University Park **City:** University Park **Project Title:** Mechanisms of peripheral vascular dysfunction in human depression **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

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PENNSYLVANIA

*Grisanti, Laurel BA, PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Temple University **City:** Philadelphia **Project Title:** Beta-Adrenergic Receptor Regulation of Inflammation in the Damaged Heart **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

PENNSYLVANIA

*Gross, Polina BSC*

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

PENNSYLVANIA

*Han, SeungHye MD, MPH*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Regulation of NALP3 Inflammasome Activation by Endotoxin **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$100,000

PENNSYLVANIA

*Helfield, Brandon BSC, PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** The biophysics of ultrasound-stimulated microbubbles for cardiac gene delivery applications **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

PENNSYLVANIA

*HUBEL, Carl PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Magee-Womens Research Institute and Foundation **City:** Pittsburgh **Project Title:** Women's Cardiovascular Health and Microvascular Mechanisms: Novel Insights from Pregnancy **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$590,870

PENNSYLVANIA

*HUBEL, Carl PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Magee-Womens Research Institute and Foundation **City:** Pittsburgh **Project Title:** Glycocalyx pathways linking

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pregnancy profile with microvascular dysfunction postpartum **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$1,070,545

PENNSYLVANIA

*Isenberg, Jeffrey MD,BA*

**Program Type:** Undergraduate fellowship **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** GRA Summer 2016 Undergraduate Student Research Program **Award Start Date:** 2/1/2017 **Award End Date:** 1/31/2020 **Total Years:** 3 **Total Award Amount:** \$60,000

PENNSYLVANIA

*Jackson, Travis BS,PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Pharmacological inhibitors of PHLPP1: Novel Therapies to Treat Brain Injury after Cardiac Arrest. **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA

*Josling, Gabrielle PhD,BS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Pennsylvania State University, University Park **City:** University Park **Project Title:** Dissecting the role of PfAP2-G in regulating sexual differentiation in the malaria parasite **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$91,000

PENNSYLVANIA

*Kawai, Tatsuo MD,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Temple University **City:** Philadelphia **Project Title:** The contribution and the potential mechanism of VSMC ADAM17 and ER stress in AAA development **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

PENNSYLVANIA

*Khan, Mohsin*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Temple University **City:** Philadelphia **Project Title:** Pluripotent stem cell exosome therapy for myocardial repair **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA

*KIANI, Mohammad PhD*

**American Heart Association  
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**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Temple University  
**City:** Philadelphia **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

PENNSYLVANIA

*Kim, Sun Kyung BS,MS*

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

PENNSYLVANIA

*Klemens, Christine BSC*

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

PENNSYLVANIA

*Kolpakov, Mikhail MD PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Temple University **City:** Philadelphia **Project Title:** Protease-activated receptor 4 and insulin receptor signaling during diabetic cardiomyopathy **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$231,000

PENNSYLVANIA

*Kostyak, John BS,MS*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Temple University **City:** Philadelphia **Project Title:** P2Y12 expression and signaling enhances platelet reactivity in type 2 diabetes **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

PENNSYLVANIA

*Krolikoski, Mia BA*

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

PENNSYLVANIA

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*Lai, Yen-Chun Charly PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Defining the role of Skeletal Muscle SIRT3 in modulation of PH-HFpEF **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

PENNSYLVANIA

*Lambert, Jonathan BS*

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

PENNSYLVANIA

*Liu, Yuan PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Regulation of Mitochondrial Function in Lung Injury **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA

*LIU, JULI PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** A novel human-specific long non-coding RNA, HBL1, regulates cardiomyocyte development from human pluripotent stem cells **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

PENNSYLVANIA

*Liverani, Elisabetta BSC, PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Temple University **City:** Philadelphia **Project Title:** The role of activated platelets and P2Y12 receptor in sepsis **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA

*Lombardi, Alyssa BS*

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

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PENNSYLVANIA

*Londino, James PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** IFNGR1 post-translation modification by ubiquitination and phosphorylation alters IFN gamma signaling **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

PENNSYLVANIA

*Luongo, Timothy*

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

PENNSYLVANIA

*Lyssenko, Nicholas PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Elucidating the mechanisms responsible for the loss of large size HDL and reduction in HDL-c in high CHD risk individuals **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2017 **Total Years:** 3 **Total Award Amount:** \$231,000

PENNSYLVANIA

*Ma, Peisong BSC,MSc*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Fine tuning the hemostatic response through regulated control of RGS proteins in resting and activated platelets **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA

*Mangold, Colleen PhD,MBA*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Pennsylvania State University, University Park **City:** University Park **Project Title:** Single cell analysis of host-virus interactions **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

PENNSYLVANIA

*Manning, Keefe PhD,MS*

**Program Type:** Undergraduate fellowship **Funding Source:** Great Rivers Affiliate **Institution:** Pennsylvania State University, University Park **City:** University Park **Project Title:** Penn State Summer Translational Cardiovascular Sciences Institute (STCSI) **Award Start Date:** 2/1/2016 **Award End Date:** 1/31/2018 **Total Years:** 2 **Total Award Amount:** \$40,000

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PENNSYLVANIA

*Mohsin, Sadia PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Temple University **City:** Philadelphia **Project Title:** Unique Features of Cortical Bone Stem Cells Associated with Enhanced Cardiac Repair **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA

*Muluk, Satish MD*

**Program Type:** Collaborative Sciences Award **Funding Source:** Association Wide **Institution:** Allegheny-Singer Research Institute, Pittsburgh **City:** Pittsburgh **Project Title:** Mechanistic Justification for Pentagalloyl Glucose Mediated AAA Suppression **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$18,000

PENNSYLVANIA

*Nelson, Victoria BA, PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** PPAR $\gamma$  regulates metabolic activation of adipose tissue macrophages **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

PENNSYLVANIA

*Osei Owusu, Patrick BS, PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Drexel University **City:** Philadelphia **Project Title:** Myogenic Tone Regulation by RGS2 **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA

*Oury, Tim PhD, MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pittsburgh **City:** Pittsburgh **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

PENNSYLVANIA

*Powers, Robert PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Association Wide **Institution:** Magee-Womens Research Institute and Foundation **City:** Pittsburgh **Project Title:** The influence of pregnancy on future vascular dysfunction and atherosclerosis **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Total Award Amount:** \$912,435

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PENNSYLVANIA

*Rader, Daniel BA,MD*

**Program Type:** CV Genome Phenome Study GRAND CHALLENGE **Funding Source:** Association Wide **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Interrogation of the plasma proteome for the development of new biomarkers and therapeutic targets for CVD **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$1,000,000

PENNSYLVANIA

*Radice, Glenn PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Thomas Jefferson University **City:** Philadelphia **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

PENNSYLVANIA

*Rauova, Lubica MD,PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** The Children's Hospital of Philadelphia **City:** Philadelphia **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

PENNSYLVANIA

*Ray, Mitali BS*

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

PENNSYLVANIA

*Rittenberger, Jon MD,MS*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pittsburgh **City:** Pittsburgh **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

PENNSYLVANIA

*Rittenberger, Jon MD,MS*

**Program Type:** Innovative Research Grant **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Therapeutic exercise to improve 12-month quality of life after cardiac arrest **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

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PENNSYLVANIA  
*Rizzo, Victor PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Temple University  
**City:** Philadelphia **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

PENNSYLVANIA  
*Ross, Amanda BA*

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

PENNSYLVANIA  
*Rothberg, Brad BS,MA*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Temple University  
**City:** Philadelphia **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

PENNSYLVANIA  
*Sainburg, Robert OTR,MS*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Pennsylvania State University, University Park **City:** University Park **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

PENNSYLVANIA  
*Santhanam, Shanmughapriya PhD,MS*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** Temple University **City:** Philadelphia **Project Title:** Role of Mitochondrial Calcium Uniporter Regulator 1 (MCUR1) in cardiac mitochondrial bioenergetics and autophagy. **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

PENNSYLVANIA  
*Shiva, Sruti PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pittsburgh **City:** Pittsburgh **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

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PENNSYLVANIA

*Singh, Harpreet BSc,MSc*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Drexel University  
**City:** Philadelphia **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

PENNSYLVANIA

*Song, Shufei BS*

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

PENNSYLVANIA

*Song, Shanshan MD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Association Wide **Institution:** University of  
Pittsburgh **City:** Pittsburgh **Project Title:** Targeted knockout of microglial Na<sup>+</sup>/H<sup>+</sup> exchanger-1 in mice  
improves neurological function recovery after stroke **Award Start Date:** 1/1/2017 **Award End Date:**  
12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

PENNSYLVANIA

*Soroush, Fariborz BS,MS*

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

PENNSYLVANIA

*Stevenson, James PharmD,MS*

**Program Type:** Mentored Clinical and Population Research Program **Funding Source:** Association Wide  
**Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** SLC6A4 polymorphisms, platelet  
aggregation, and clinical outcomes in ACS patients treated with SSRIs and DAPT **Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$153,078

PENNSYLVANIA

*Stocker, Sean PhD*

**Program Type:** Mentor/AHA Mentee Award **Funding Source:** Association Wide **Institution:** University of  
Pittsburgh **City:** Pittsburgh **Project Title:** **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total  
Years:** 3 **Total Award Amount:** \$45,000

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PENNSYLVANIA

*Sukumar, Deeptha PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Drexel University **City:** Philadelphia **Project Title:** Parathyroid Hormone and Cardiometabolic Outcomes in Obesity: Role of Magnesium and Vitamin D Supplementation **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA

*Sun, Jianxin PhD, MSc*

**Program Type:** Established Investigator Award **Funding Source:** Association Wide **Institution:** Thomas Jefferson University **City:** Philadelphia **Project Title:** Role of PCMT1 in Cardiac Ageing **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2020 **Total Years:** 5 **Total Award Amount:** \$400,000

PENNSYLVANIA

*Swiatecka-Urban, Agnieszka MD, MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pittsburgh **City:** Pittsburgh **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

PENNSYLVANIA

*Tan, Roderick MD PhD*

**Program Type:** Fellow-to-Faculty Transition Award **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Oxidative Stress in Chronic Kidney Disease **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2018 **Total Years:** 5 **Total Award Amount:** \$593,000

PENNSYLVANIA

*Torres-Oviedo, Gelsy PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Understanding patient-specific deficits causing step asymmetry post-stroke: a step towards personalizing rehabilitation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

PENNSYLVANIA

*Tutwiler, Valerie BS, MS*

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

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PENNSYLVANIA

*Verma, Suresh PhD,MSc*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Temple University **City:** Philadelphia **Project Title:** IL-10 negatively regulates fibroblast progenitor cells mediated pathological fibrosis **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA

*Wang, Bin PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** Widener University **City:** Chester **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

PENNSYLVANIA

*Wang, Wenshan BS,PhD*

**Program Type:** Postdoctoral Fellowship/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Mechanisms that contribute to the aging-associated decline in brown fat activity and susceptibility to obesity **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2017 **Total Years:** 2 **Total Award Amount:** \$95,000

PENNSYLVANIA

*Wedegaertner, Philip PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** Thomas Jefferson University **City:** Philadelphia **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

PENNSYLVANIA

*Wong, Timothy BS,MD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Cardiovascular Magnetic Resonance Assessment of Diffuse Myocardial Fibrosis in Hypertrophic Cardiomyopathy **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

PENNSYLVANIA

*Yang, Lei PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **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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PENNSYLVANIA

*Yeh, Yang BA,BA*

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

PENNSYLVANIA

*Yengo, Chris PhD*

**Program Type:** Undergraduate fellowship **Funding Source:** Great Rivers Affiliate **Institution:** Pennsylvania State University, Hershey **City:** Hershey **Project Title:** Penn State Hershey SURF Program **Award Start Date:** 2/1/2016 **Award End Date:** 1/31/2018 **Total Years:** 2 **Total Award Amount:** \$40,000

PENNSYLVANIA

*Yu, Jun MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Temple University **City:** Philadelphia **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

PENNSYLVANIA

*Yue, Yujia BSC*

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

PENNSYLVANIA

*Zahid, Maliha MBBS,PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Targeting the Heart Utilizing a Novel Cell Penetrating Peptide **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

PENNSYLVANIA

*Zhang, Xiaoying PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Temple University **City:** Philadelphia **Project Title:** Protein kinase A, protein synthesis and cardiac hypertrophy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

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*Zhao, Yutong MD,PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Great Rivers Affiliate **Institution:** University of Pittsburgh **City:** Pittsburgh **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

RHODE ISLAND

*Abid, Ruhul PhD,MD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rhode Island Hospital **City:** Providence **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

RHODE ISLAND

*Clements, Richard PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rhode Island Hospital **City:** Providence **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

RHODE ISLAND

*Jeng, Jun MD,MSc*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rhode Island Hospital **City:** Providence **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

RHODE ISLAND

*O-Uchi, Jin MD,PhD*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Rhode Island Hospital **City:** Providence **Project Title:** Role of mitochondrial RyR1 in cardiac arrhythmia and sudden cardiac death **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2019 **Total Years:** 4 **Total Award Amount:** \$308,000

RHODE ISLAND

*Terentyev, Dmitry PhD*

**Program Type:** Grant-in-Aid/Portfolio **Funding Source:** Founders Affiliate **Institution:** Rhode Island Hospital **City:** Providence **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

American Heart Association  
Awardees in Alpha Order by State  
Last Update: February 2017

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PUERTO RICO\* • [RHODE ISLAND](#)

RHODE ISLAND

*Valkov, Nedyalka MS,BS*

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

RHODE ISLAND

*Yajima, Mamiko BA,MA*

**Program Type:** Scientist Development Grant/Portfolio **Funding Source:** Association Wide **Institution:** Brown University **City:** Providence **Project Title:** Single Nucleotide Genome Modifications in Oocytes **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000