

**American Heart Association
Awardees in Alpha Order by State
Last Updated: August 2017**

[NEW MEXICO](#) • [NEW YORK](#) • [NORTH CAROLINA](#) • [NORTH DAKOTA](#) •
[OHIO](#) • [OKLAHOMA](#) • [OREGON](#) • [PENNSYLVANIA](#) • [PUERTO RICO*](#) •
[RHODE ISLAND](#) •

**no current awardees*

NEW MEXICO

Jantzie, Lauren PhD, BSC

Program Type: Scientist Development Grant **Funding Source:** Southwest **Institution:** University of New Mexico - Health Sciences Center **City:** Albuquerque **Project Title:** Neural Immune Dysregulation in Perinatal Hypoxia-Ischemia **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

NEW MEXICO

Lee, Samuel PhD, MD

Program Type: Grant-in-Aid **Funding Source:** Southwest **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 **Budget Amount:** \$152,460

NEW MEXICO

Parra, Karlett PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **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 **Budget Amount:** \$140,000

NEW YORK

Abedini, Andisheh PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **Institution:** NYU Medical Center **City:** New York **Project Title:** RAGE-mediated cellular pathways that exacerbate islet amyloidosis-induced beta-cell toxicity and diabetic complications **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2019 **Total Years:** 3 **Budget Amount:** \$231,000

NEW YORK

Abou Merhi, Sara BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$46,000

NEW YORK

Aggarwal, Brooke EdD

Program Type: Strategically Focused Research Network **Funding Source:** Founders **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 **Budget Amount:** \$1,153,156

NEW YORK

Ahn, Sung Ji MS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$46,000

NEW YORK

Airola, Michael BA, MS

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$231,000

NEW YORK

Amengual Terrasa, Jaime PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$308,000

NEW YORK

Anderson, Brett MD, MBA

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Founders **Institution:** Columbia University, New York **City:** New York **Project Title:** The Congenital Heart Technical Skill Study: Improving Outcomes for Infants and Children with Congenital Heart Disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NEW YORK

Basu, Debapriya BSC, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **Institution:** NYU Medical Center **City:** New York **Project Title:** Novel mouse model to study the effect of hypertriglyceridemia on atherosclerosis regression **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

NEW YORK

Belkaya, Serkan BSC, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$94,600

NEW YORK

Berger, Jeffrey MS, MD

Program Type: Strategically Focused Research Network **Funding Source:** Founders **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 **Budget Amount:** \$1,011,092

NEW YORK

Bhattacharya, Asmita BSE

Program Type: Predoctoral Fellowship **Funding Source:** Founders **Institution:** Cornell University, Ithaca **City:** Ithaca **Project Title:** Scl1L-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 **Budget Amount:** \$51,900

NEW YORK

Boivin, Benoit PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **Institution:** SUNY Polytechnic Institute **City:** Albany **Project Title:** Characterization of PTP1B-dependent regulation of Argonaute 2 and gene silencing in pathological cardiac remodeling **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NEW YORK

Bortnick, Anna MD PhD

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Founders **Institution:** Albert Einstein College of Medicine **City:** Bronx **Project Title:** Mineral Metabolism Markers and Risk of Long-term Valvular and Annular Calcification in a Multi-Ethnic Cohort **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NEW YORK

Bu, Lei PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$308,000

NEW YORK

Cai, Chenleng PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$198,000

NEW YORK

Calcagno, Claudia MD, PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$231,000

NEW YORK

Cerrone, Marina MD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$308,000

NEW YORK

Chen, Si MS, BS

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

NEW YORK

Chen, Weiqiang BS, MS

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$231,000

NEW YORK

Chen, Yun PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$231,000

NEW YORK

Cho, Hana PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$98,300

NEW YORK

Cohen, Ethan PhD, BS

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$198,000

NEW YORK

Dando, Robin BSC, MSc

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$154,000

NEW YORK

Dey, Bijan BSC, MSc

Program Type: Scientist Development Grant **Funding Source:** Founders **Institution:** University at Albany, SUNY **City:** Albany **Project Title:** Dysregulation of miR-133a-5p/HMGA2 axis causes skeletal and cardiac muscle degeneration by impairing autophagy in DMD **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

NEW YORK

Dodson, John MD, MPH

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Founders

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 **Budget Amount:** \$153,420

NEW YORK

Doran, Amanda MD, PhD

Program Type: Fellow-to-Faculty **Funding Source:** Founders **Institution:** Columbia University, New York **City:** New York **Project Title:** A Novel Multifunctional Role for CaMKII β in Advanced Atherosclerosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2022 **Total Years:** 5 **Budget Amount:** \$593,000

NEW YORK

Fan, Qing PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$198,000

NEW YORK

Faraco, Giuseppe MD, PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$231,000

NEW YORK

Farber, Gregory BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$51,900

NEW YORK

Fayad, Zahi PhD

Program Type: Strategically Focused Research Network **Funding Source:** Founders **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 **Budget Amount:** \$1,365,910

NEW YORK

Ferret, Bart MD, MSc

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Founders **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 **Budget Amount:** \$153,998

NEW YORK

Ferreri, Nicholas PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$154,000

NEW YORK

Furuya, Yoichi PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **Institution:** Albany Medical Center **City:** Albany **Project Title:** Type 2 innate lymphoid cell-alveolar macrophage axis in intranasal vaccination **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

NEW YORK

Fuster, Valentin PhD, MD

Program Type: Strategically Focused Research Network **Funding Source:** Founders **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 **Budget Amount:** \$580,800

NEW YORK

Fuster, Valentin PhD, MD

Program Type: Strategically Focused Research Network **Funding Source:** Founders **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 **Budget Amount:** \$719,690

NEW YORK

Garcia-Arcos, Itsaso PhD, MS

Program Type: Grant-in-Aid **Funding Source:** Founders **Institution:** SUNY Downstate Medical Center **City:** Brooklyn **Project Title:** Pulmonary type 2 cell LRP1 in lipid and lipoprotein metabolism **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NEW YORK

Garcia-Bonilla, Lidia PhD, BCH

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$231,000

NEW YORK

Garretson, John PhD, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Albert Einstein College of Medicine **City:** Bronx **Project Title:** Roles for adipose tissue innervation in metabolic disease: implications for obesity reversal **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$103,328

NEW YORK

Gavathiotis, Evripidis PhD

Program Type: Collaborative Science Award **Funding Source:** Founders **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 **Budget Amount:** \$275,208

NEW YORK

Gerlach, Brennan BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$51,900

NEW YORK

Goldberg, Ira MD

Program Type: Strategically Focused Research Network **Funding Source:** Founders **Institution:** NYU Medical Center **City:** New York **Project Title:** Obesity, Inflammation and Cardiovascular Risk **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2021 **Total Years:** 4 **Budget Amount:** \$798,979

NEW YORK

Gong, Jingqi BS

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

NEW YORK

Goo, Young-Hwa PhD, MS

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$308,000

NEW YORK

Groves, Alan MB ChB, MD

Program Type: Grant-in-Aid **Funding Source:** Founders **Institution:** Weill Medical College of Cornell University **City:** New York **Project Title:** Research Proposal: Delineating the Triggers and Impact of Pathologic Cardiac Remodeling following Premature Birth **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$146,410

NEW YORK

Guo, Austin PhD, BS

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$154,000

NEW YORK

Gupte, Sachin MD PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **Institution:** New York Medical College **City:** Valhalla **Project Title:** G6PD and PKG in Pulmonary Hypertension **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NEW YORK

He, Yan BS, MS

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

NEW YORK

Hochman, Judith MA, MD

Program Type: Strategically Focused Research Network **Funding Source:** Founders **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 **Budget Amount:** \$580,800

NEW YORK

Hook, Jaime BS, MD

Program Type: Fellow-to-Faculty **Funding Source:** Founders **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 **Budget Amount:** \$593,000

NEW YORK

Hwang, Jee-Yeon BS, MS

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$231,000

NEW YORK

Ishikawa, Kiyotake MD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$231,000

NEW YORK

Islam, Mohammad PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$198,000

NEW YORK

Jelic, Sanja MD

Program Type: Strategically Focused Research Network **Funding Source:** Founders **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 **Budget Amount:** \$896,117

NEW YORK

Jin, Zheng Gen PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **Institution:** University of Rochester Medical Center **City:** Rochester **Project Title:** Fluid shear stress signaling and atherogenesis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NEW YORK

Jourdheuil, David PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$154,000

NEW YORK

Kasarskis, Andrew

Program Type: Strategically Focused Research Network **Funding Source:** Founders **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 **Budget Amount:** \$1,042,438

NEW YORK

Kim, Kyeong Jin PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **Institution:** Columbia University, New York **City:** New York **Project Title:** Role of gamma-secretase in dyslipidemia and atherosclerosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

NEW YORK

Kitsis, Richard MD

Program Type: Collaborative Science Award **Funding Source:** Founders **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 **Budget Amount:** \$474,792

NEW YORK

Kobayashi, Satoru BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$308,000

NEW YORK

Krogsgaard, Michelle PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$198,000

NEW YORK

Lefferts, Wesley BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$51,900

NEW YORK

Liang, Yaxuan PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$102,550

NEW YORK

Liang, Raymond BS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$46,000

NEW YORK

Liu, Zheng PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$198,000

NEW YORK

Lopes, Coeli PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$154,000

NEW YORK

Lu, Pengfei PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$102,550

NEW YORK

Lyu, Qing PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **Institution:** University of Rochester Medical Center **City:** Rochester **Project Title:** Mechanism of SENCN function in endothelium integrity **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

NEW YORK

Madrigal-Matute, Julio PhD, BSC

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Albert Einstein College of Medicine **City:** Bronx **Project Title:** Role of chaperone-mediated autophagy in atherosclerosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$110,456

NEW YORK

Mallipattu, Sandeep BS, MD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$154,000

NEW YORK

Manheimer, Kathryn BA

Program Type: Predoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$46,000

NEW YORK

Mani, Venkatesh PhD

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

NEW YORK

Mano, Itzhak BA, MA

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$154,000

NEW YORK

Mathiyalagan, Prabhu PhD, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** M6A RNA Methylation is a Novel Molecular Remodeling Mechanism in the Ischemic Heart **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

NEW YORK

Matsui, Maiko PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Weill Medical College of Cornell University **City:** New York **Project Title:** Investigating the contribution of L-type calcium channel Ca V 1.2 in calcific aortic valve stenosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$110,456

NEW YORK

Menon, Madhav MBBS, MD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$308,000

NEW YORK

Miano, Joseph PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **Institution:** University of Rochester Medical Center **City:** Rochester **Project Title:** CRISPR Editing of the SRF-Myocardin Transcriptional Switch **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NEW YORK

Monaghan, Morgan BS, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$98,950

NEW YORK

Morrell, Craig DVM, PhD

Program Type: Established Investigator Award **Funding Source:** Founders **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 **Budget Amount:** \$400,000

NEW YORK

Morrow, John BS, MD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$154,000

NEW YORK

Mosca, Lori PhD, MD

Program Type: Strategically Focused Research Network **Funding Source:** Founders **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 **Budget**
Amount: \$580,800

NEW YORK

Musselman, Laura BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$218,486

NEW YORK

Neelamegham, Sriram PhD

Program Type: Innovative Research Grant **Funding Source:** Founders **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
Budget Amount: \$150,000

NEW YORK

Oh, Jae Gyun PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$106,350

NEW YORK

Pan, Xiaoyue PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$154,000

NEW YORK

Panepinto, John PhD, BS

Program Type: Grant-in-Aid **Funding Source:** Founders **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
Budget Amount: \$154,000

NEW YORK

Patel, Snehal BS, MD

Program Type: Grant-in-Aid **Funding Source:** Founders **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
Budget Amount: \$151,860

NEW YORK

Pathak, Jyotishman PhD

Program Type: Institute - Data Grant **Funding Source:** Founders **Institution:** Weill Medical College of
Cornell University **City:** New York **Project Title:** Data Element Mapping Recommender Service for
Cardiovascular Disease Research Studies **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2019
Total Years: 2 **Budget Amount:** \$198,814

NEW YORK

Pavlov, Evgeny PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$198,000

NEW YORK

Perez-Medina, Carlos PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$231,000

NEW YORK

Poganik, Jesse BS

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

NEW YORK

Ragolia, Louis PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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
Budget Amount: \$198,000

NEW YORK

Reiss, Allison MD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$198,000

NEW YORK

Reynolds, Harmony MD

Program Type: Strategically Focused Research Network **Funding Source:** Founders **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 **Budget Amount:** \$1,319,844

NEW YORK

Rinehold, Kaitlyn BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$51,900

NEW YORK

Rottiers, Veerle BS, MS

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$308,000

NEW YORK

Sahoo, Susmita PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$154,000

NEW YORK

Santisteban, Monica BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$98,950

NEW YORK

Sassi, Yassine PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$231,000

NEW YORK

Schmidt, Ann Marie MD

Program Type: Strategically Focused Research Network **Funding Source:** Founders **Institution:** NYU Medical Center **City:** New York **Project Title:** Braking Inflammation in Obesity & Metabolic Dysfunction: Translational and Therapeutic Opportunities **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2021 **Total Years:** 4 **Budget Amount:** \$580,800

NEW YORK

Schmidt, Ann Marie MD

Program Type: Strategically Focused Research Network **Funding Source:** Founders **Institution:** NYU Medical Center **City:** New York **Project Title:** RAGE/DIAPH1: Inflammation and Suppression of Energy Expenditure in Obesity - Mechanisms and Therapeutic Strategies **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2021 **Total Years:** 4 **Budget Amount:** \$970,497

NEW YORK

Senders, Max BS, MSc

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

NEW YORK

Sethna, Christine BA, MEd

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$198,000

NEW YORK

Sevick, Mary ScD

Program Type: Strategically Focused Research Network **Funding Source:** Founders **Institution:** NYU Medical Center **City:** New York **Project Title:** Alternative technology-supported behavioral weight loss intervention programs **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2021 **Total Years:** 4 **Budget Amount:** \$1,358,924

NEW YORK

Shechter, Ari PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$231,000

NEW YORK

Singh, Parmanand BA, MD

Program Type: Scientist Development Grant **Funding Source:** Founders **Institution:** Weill Medical College of Cornell University **City:** New York **Project Title:** Impact of Aortic Wall Inflammation and Stiffness on Thoracic Aortic Growth in Marfan Syndrome **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

NEW YORK

Small, David PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Cornell University, Ithaca **City:** Ithaca **Project Title:** THE INFLUENCE OF HYPOXIA ON CARDIOVASCULAR PRECURSOR CELLS FOLLOWING INJURY USING IN VIVO MULTIPHOTON MICROSCOPY **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

NEW YORK

Sobie, Eric PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$198,000

NEW YORK

Spolitu, Stefano PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Columbia University, New York **City:** New York **Project Title:** Glucagon-mediated control of PCSK9 and cholesterol

metabolism **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$103,328

NEW YORK

Spruill, Tanya PhD, MS

Program Type: Strategically Focused Research Network **Funding Source:** Founders **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 **Budget Amount:** \$797,464

NEW YORK

Stillitano, Francesca BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Development of human cell-based screening assays to detect subject-specific drug-response variability **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

NEW YORK

St-Onge, Marie-Pierre BS, MSc

Program Type: Strategically Focused Research Network **Funding Source:** Founders **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 **Budget Amount:** \$1,079,127

NEW YORK

Sun, Ji PhD, BS

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$106,350

NEW YORK

Tortorella, Domenico BS, PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **Institution:** Icahn School of Medicine at Mount Sinai **City:** New York **Project Title:** Discovery and characterization of cytomegalovirus entry factors **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NEW YORK

Trembley, Michael BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$51,900

NEW YORK

Tuschl, Thomas BS, MS

Program Type: Collaborative Science Award **Funding Source:** Founders **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 **Budget Amount:** \$296,682

NEW YORK

Vasudevan, Deepika BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$102,550

NEW YORK

Veenstra, Richard PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **Institution:** SUNY Upstate Medical University **City:** Syracuse **Project Title:** Acetylation and modulation of the cardiac L-type Ca²⁺ current by HDAC inhibitors **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NEW YORK

Venkata, Subramanyam BS, MS

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$308,000

NEW YORK

Weil, Brian PhD, MS

Program Type: Scientist Development Grant **Funding Source:** Founders **Institution:** Research Foundation of SUNY **City:** Amherst **Project Title:** Pathophysiology of Myocardial Remodeling in Heart Failure With Preserved Ejection Fraction **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

NEW YORK

Williams, Ryan BA, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Memorial Sloan Kettering Cancer Center **City:** New York **Project Title:** Targeting Acute Kidney Injury with Mesoscale Nanoparticle Therapeutics **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$114,368

NEW YORK

Xu, Xu BS, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$110,300

NEW YORK

Yang, Huaqian PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$98,950

NEW YORK

Yin, Wei PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$154,000

NEW YORK

Zhang, Xiaokan BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$94,600

NEW YORK

Zhang, Donghong PhD, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$102,550

NEW YORK

Zhang, Jimmy BA, MS

Program Type: Predoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$51,900

NEW YORK

Zhao, Li-Ru PhD, MD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$198,000

NEW YORK

Zheng, Wenjun PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **Institution:** Research Foundation of SUNY **City:** Amherst **Project Title:** Decrypting the molecular mechanism of TRPV1 activation by multiscale simulation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NEW YORK

Zhu, Changyu BS, MA

Program Type: Predoctoral Fellowship **Funding Source:** Founders **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 **Budget Amount:** \$51,900

NEW YORK

Zuloaga, Kristen BA, PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$308,000

NORTH CAROLINA

Armstrong, Sarah MD

Program Type: Strategically Focused Research Network **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City:** Durham **Project Title:** A randomized trial of an integrated clinic-community intervention in children and adolescents with obesity **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2021 **Total Years:** 4 **Budget Amount:** \$1,500,835

NORTH CAROLINA

Bergmeier, Wolfgang PhD

Program Type: Established Investigator Award **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$400,000

NORTH CAROLINA

Brown, Ashley PhD, BS

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$231,000

NORTH CAROLINA

Cao, Jingli PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$106,350

NORTH CAROLINA

Caron, Kathleen PhD

Program Type: Innovative Research Grant **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$149,998

NORTH CAROLINA

Chen, Anzhi BS

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

NORTH CAROLINA

Choi, Minjung BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$51,900

NORTH CAROLINA

Clough, Jeffrey MD, MBA

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Mid-Atlantic
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 **Budget Amount:** \$149,163

NORTH CAROLINA

Cole, Jacqueline BS, MS

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** North Carolina State
University **City:** Raleigh **Project Title:** Contributions of Bone Vasculature to Stroke-Induced Bone
Fragility **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:**
\$154,000

NORTH CAROLINA

Davis, Ryan BS, MSc

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$51,900

NORTH CAROLINA

De Castro Bras, Lisandra PhD, BSC

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$308,000

NORTH CAROLINA

Douglas, Pamela MD, NONE

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

NORTH CAROLINA

Fanaroff, Alexander BA

Program Type: Fellow-to-Faculty **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham
City: Durham **Project Title:** Understanding the implications of ICU utilization for stable NSTEMI
patients **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2022 **Total Years:** 5 **Budget Amount:**
\$592,290

NORTH CAROLINA

Felker, Michael MD, MHSc

Program Type: Strategically Focused Research Network **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$746,150

NORTH CAROLINA

Felker, Michael MD, MHSc

Program Type: Strategically Focused Research Network **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$1,601,884

NORTH CAROLINA

Fleming, Nicole BS

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

NORTH CAROLINA

Fox, Donald PhD, BS

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City:** Durham **Project Title:** Hypertrophy vs. Proliferation following tissue injury: A Drosophila model **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Budget Amount:** \$231,000

NORTH CAROLINA

Fudim, Marat MD

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$154,000

NORTH CAROLINA

Gokhale, Nandan BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City:** Durham **Project Title:** Understanding the role of N6-methyladenosine in hepatitis C virus

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

NORTH CAROLINA

Goldman, Joseph BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City:** Durham **Project Title:** Identifying the network of transcription factors controlling zebrafish heart regeneration **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

NORTH CAROLINA

Gregoski, Mat PhD, MS

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** Campbell University, Buis Creek **City:** Buies Creek **Project Title:** Personalized Prevention of CVD: Role of Genetics, Stress, and Behavioral Factors **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Budget Amount:** \$308,000

NORTH CAROLINA

Hernandez, Adrian MD

Program Type: Strategically Focused Research Network **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$745,719

NORTH CAROLINA

Ho, Hsiang-Ting BS, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$93,000

NORTH CAROLINA

Hoffman, Brenton PhD, BS

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$154,000

NORTH CAROLINA

Hoffman, Maureane BS, MD PhD

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$154,000

NORTH CAROLINA

Hutson, Mary PhD

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$148,687

NORTH CAROLINA

Jensen, Brian MD, BA

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Metabolic mechanisms of cardioprotection through alpha-1A adrenergic receptor activation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NORTH CAROLINA

Kang, Junsu PhD

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$231,000

NORTH CAROLINA

Karhausen, Joern MD

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$231,000

NORTH CAROLINA

Kattula, Sravya BS

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

NORTH CAROLINA

Kontos, Christopher MD

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$154,000

NORTH CAROLINA

Kwun, Jean PhD

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$231,000

NORTH CAROLINA

Lawson, Reed BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$51,900

NORTH CAROLINA

Lee, Craig PharmD, PhD

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$154,000

NORTH CAROLINA

Li, Jennifer MD, MHSc

Program Type: Strategically Focused Research Network **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City:** Durham **Project Title:** Duke Center for Pediatric Obesity Research **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2021 **Total Years:** 4 **Budget Amount:** \$800,800

NORTH CAROLINA

Mack, Christopher PhD

Program Type: Medical Student Research Fellowship **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$60,000

NORTH CAROLINA

Neher, Saskia BS, PhD

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Mechanisms of Lipase Folding and Quality Control **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NORTH CAROLINA

Parry, Traci PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$102,550

NORTH CAROLINA

Poss, Kenneth PhD

Program Type: MERIT **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$1,000,000

NORTH CAROLINA

Rajagopal, Sudarshan MD PhD

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Duke University Medical Center **City:** Durham **Project Title:** Beta-Arrestin Regulation of VEGFR3 Signaling in Pulmonary Hypertension **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NORTH CAROLINA

Ravi, Saranya BA, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Understanding the effect of the deletion of CXCL5 on atherosclerosis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$104,060

NORTH CAROLINA

Robinson-Hamm, Jacqueline BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$51,900

NORTH CAROLINA

Shah, Svati MS, MD

Program Type: Strategically Focused Research Network **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$615,447

NORTH CAROLINA

Shah, Svati MS, MD

Program Type: Strategically Focused Research Network **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City:** Durham **Project Title:** Microbiota Related Molecular Pathways in Pediatric Obesity **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2021 **Total Years:** 4 **Budget Amount:** \$899,643

NORTH CAROLINA

Shaltout, Hossam PhD,RPh

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$301,912

NORTH CAROLINA

Shih, Yen-Yu PhD, BS

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

NORTH CAROLINA

Skinner, Asheley PhD

Program Type: Strategically Focused Research Network **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City:** Durham **Project Title:** Effectiveness and implementation of tertiary-care pediatric obesity treatment programs **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2021 **Total Years:** 4 **Budget Amount:** \$507,922

NORTH CAROLINA

Song, Juan PhD

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$308,000

NORTH CAROLINA

Sparkenbaugh, Erica BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$110,300

NORTH CAROLINA

Spracklen, Cassandra BA, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Trans-ancestry mapping and molecular mechanisms at cardiovascular disease loci **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

NORTH CAROLINA

Taylor, Anne PhD, BS

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** University of North Carolina, Chapel Hill **City:** Chapel Hill **Project Title:** Molecular mechanisms triggering synaptic remodeling following stroke **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

NORTH CAROLINA

Vandergriff, Adam BSE, MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$51,900

NORTH CAROLINA

Von Holle, Ann MA, MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$51,900

NORTH CAROLINA

Voora, Deepak MD

Program Type: Innovative Research Grant **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$149,037

NORTH CAROLINA

Waldron, Nathan MD

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Mid-Atlantic **Institution:** Duke University Medical Center **City:** Durham **Project Title:** Temporary autonomic blockade to prevent atrial fibrillation after cardiac surgery **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Budget Amount:** \$154,000

NORTH CAROLINA

Wolf, Myles MD, MD

Program Type: Strategically Focused Research Network **Funding Source:** Mid-Atlantic **Institution:** Duke University Medical Center **City:** Durham **Project Title:** Molecular Mechanisms of Cardiac Injury Induced by FGF23 in the Settings of High Phosphate Diet and CKD **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Budget Amount:** \$1,325,775

NORTH CAROLINA

Wylie, Lyndsay BS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$51,900

NORTH CAROLINA

Xian, Ying PhD, MD

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$308,000

NORTH CAROLINA

Yan, Ruorong PhD, BA

Program Type: Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Duke University Durham **City:** Durham **Project Title:** Modulation of heart regeneration by enhancer-delivered factors **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$104,060

NORTH CAROLINA

Yang, Wei BS, MS

Program Type: Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$154,000

NORTH CAROLINA

Zhang, Qibin PhD

Program Type: Collaborative Science Award **Funding Source:** Mid-Atlantic **Institution:** University of North Carolina, Greensboro **City:** Greensboro **Project Title:** DISCOVERY AND VALIDATION OF BIOMARKERS OF CARDIOVASCULAR COMPLICATIONS IN TYPE 1 DIABETES **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$496,303

NORTH CAROLINA

Zhu, Qiang MD, MS

Program Type: Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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 **Budget Amount:** \$51,900

NORTH CAROLINA

Zhu, Xuwei MBBS, MS

Program Type: Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** Wake Forest University Health Sciences **City:** Winston Salem **Project Title:** Dietary PUFAs, NLRP3 Inflammasome and Atherosclerosis **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2018 **Total Years:** 4 **Budget Amount:** \$308,000

NORTH DAKOTA

Jarajapu, Yagna PharmD, MSc

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Funding Source:** Midwest **Institution:** North Dakota State University, Fargo **City:** Fargo **Project Title:** Mas Receptor: A Target for Bone Marrow Mobilopathy and Vascular Repair in Diabetes **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

OHIO

Aboualaiwi, Wissam

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **Institution:** University of Toledo Health Science Campus **City:** Toledo **Project Title:** Role of myocyte primary cilia in cardiovascular disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Budget Amount:** \$231,000

OHIO

Accornero, Federica PhD

Program Type: Innovative Research Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$150,000

OHIO

Alevriadou, Barbara Rita BS, MS

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:**
\$154,000

OHIO

Amini, Rouzbeh PhD, MS

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

OHIO

Angelos, Mark

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget**
Amount: \$154,000

OHIO

Askwith, Candice PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OHIO

Ballinger, Megan PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:**
\$231,000

OHIO

Basak, Sandip PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Case Western
Reserve University **City:** Cleveland **Project Title:** Effects of cholesterol and polyunsaturated fatty acids
on ligand-gated ion channel structure and function **Award Start Date:** 7/1/2017 **Award End Date:**
6/30/2019 **Total Years:** 2 **Budget Amount:** \$110,456

OHIO

Becker, Richard

Program Type: Strategically Focused Research Network **Funding Source:** Great Rivers **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 **Budget Amount:** \$339,658

OHIO

Bhandary, Bidur BS, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$102,550

OHIO

Bihl, Ji PhD, MD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

OHIO

Boyne, Pierce PT, BS

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Great Rivers **Institution:** University of Cincinnati **City:** Cincinnati **Project Title:** Priming the Brain for Stroke Recovery: Optimizing the Neurotrophic Effects of Aerobic Exercise **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$153,768

OHIO

Carnes, Cynthia PharmD, PhD

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

OHIO

Castro, Carlos PhD

Program Type: Innovative Research Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$150,000

OHIO

Chakravarti, Ritu PhD, MSc

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

OHIO

Chattopadhyay, Saurabh PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

OHIO

Cheong, Hoi I BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Cleveland Clinic Foundation **City:** Cleveland **Project Title:** Regulation of beta-adrenergic receptor and hypoxia responses in pulmonary arterial hypertension **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$103,328

OHIO

Chung, Jae-Hoon BA

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

OHIO

Dobre, Mirela MD, MPH

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

OHIO

Du, Jianyang PhD, BS

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **Institution:** University of Toledo Main Campus **City:** Toledo **Project Title:** Acid sensing ion channel 1a contributes to synaptic transmission and plasticity in ischemia **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Budget Amount:** \$214,500

OHIO

Elnakish, Mohammad PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** The Ohio State University **City:** Columbus **Project Title:** Desynchronization of Intracellular Ca²⁺ 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 **Budget Amount:** \$93,000

OHIO

Fan, Guo-Chang BS, MS

Program Type: Established Investigator Award **Funding Source:** Great Rivers **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 **Budget Amount:** \$400,000

OHIO

Fedorov, Vadim PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OHIO

Fields, Maria PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** Pathogenic potential of Th17 cells during obesity-associated sequelae **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

OHIO

Gajeton, Jasmine BS

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

OHIO

Gooch, Keith PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **Institution:** The Ohio State University **City:** Columbus **Project Title:** Mechanical regulation of cardiac fibroblasts phenotype **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

OHIO

Graham, Linda MD,OTR

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OHIO

Greer-Short, Amara PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** The Ohio State University
City: Columbus **Project Title:** Role of the late Na⁺ current in Ca²⁺ dysregulation, abnormal excitability and structural in atrial fibrillation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019
Total Years: 2 **Budget Amount:** \$104,060

OHIO

Gulshan, Kailash PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

OHIO

Heathcock, Jill MPT, PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$148,319

OHIO

Helsley, Robert BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$95,450

OHIO

Hickman, Dashawn BS

Program Type: Clinical Health Profession Student Training Program **Funding Source:** Great Rivers
Institution: Case Western Reserve University **City:** Cleveland **Project Title:** Augmenting Hemostasis and Survival in Trauma by Targeted Drug Delivery **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$53,688

OHIO

Hoffman, Robert BS, MD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OHIO

Huang, Wei PhD, BSE

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Case Western Reserve University **City:** Cleveland **Project Title:** Translation Control Mechanism of Vascular Endothelial Growth Factor (VEGF) **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$114,368

OHIO

Jain, Mukesh MD

Program Type: Established Investigator Award **Funding Source:** Great Rivers **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 **Budget Amount:** \$400,000

OHIO

Janssen, Paul PhD

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

OHIO

Kalyanasundaram, Anuradha MS, PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

OHIO

Karch, Jason PhD, BA

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** Identification of Novel Regulators of Necrosis in the Ischemic Heart. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

OHIO

Karpurapu, Manjula PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

OHIO

Kennedy, David PhD, MS

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

OHIO

Kim, Andrew BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

OHIO

King, Samantha PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Nationwide Children's Hospital **City:** Columbus **Project Title:** The role of a serine rich repeat protein required for binding multiple carbohydrates in Streptococcus oralis endocarditi **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

OHIO

Kumar, Mohit MS

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

OHIO

Kumarasamy, Sivarajan PhD, MSc

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

OHIO

Lin, Simon MD, MBA

Program Type: Institute - Data Grant **Funding Source:** Great Rivers **Institution:** Nationwide Children's Hospital **City:** Columbus **Project Title:** CardioGenomics eXchange commons: A cloud-based collaboration platform for the analysis/exchange of genome sequencing data **Award Start Date:** 4/1/2017 **Award End Date:** 3/31/2019 **Total Years:** 2 **Budget Amount:** \$100,000

OHIO

Lincoln, Joy PhD

Program Type: Undergraduate Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$60,000

OHIO

Liu, Bin MS, PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

OHIO

Maitre, Nathalie MA, PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$153,799

OHIO

Maliken, Bryan BA

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

OHIO

Mamidi, Ranganath DVM, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Case Western Reserve University **City:** Cleveland **Project Title:** Sarcomere-based pharmacological approach to rescue contractile dysfunction in dilated and hypertrophic cardiomyopathies **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Budget Amount:** \$102,550

OHIO

Mccarthy, Michael PhD, MSW

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Great Rivers
Institution: University of Cincinnati **City:** Cincinnati **Project Title:** Developing a Quality of
Relationship Intervention to Prevent Depression in Stroke Survivors and Caregivers **Award Start Date:**
7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$153,134

OHIO

Mcmillan, Amy PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Cleveland Clinic
Foundation **City:** Cleveland **Project Title:** Gut microbiota involvement in periodontal disease-associated
cardiovascular risk **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget**
Amount: \$103,328

OHIO

Mcnamara, James BSC, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of
Cincinnati **City:** Cincinnati **Project Title:** Cross-bridging the Gap: Using the N-terminus of Cardiac
Myosin Binding Protein-C to Restore Cardiac Function **Award Start Date:** 7/1/2017 **Award End Date:**
6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

OHIO

Mears, Jason PhD, BS

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OHIO

Melchior, John BSE, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$95,000

OHIO

Meng, Qinghang BS, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Cincinnati
Children's Hospital Medical Center **City:** Cincinnati **Project Title:** The role of EMC3 in cardiovascular
disease and development **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2
Budget Amount: \$106,532

OHIO

Meszaros, J Gary PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OHIO

Morton, Richard PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OHIO

Oconnor, Christine PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **Institution:** Cleveland Clinic Foundation **City:** Cleveland **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 **Budget Amount:** \$308,000

OHIO

Pabla, Navjotsingh PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

OHIO

Plow, Ela PhD, PT

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OHIO

Qualls, Joseph PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

OHIO

Queme, Luis BS, MD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$102,550

OHIO

Rajaram, Murugesan PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OHIO

Ramamurthi, Anand PhD, MS

Program Type: Innovative Research Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$150,000

OHIO

Raman, Subha MD

Program Type: Collaborative Science Award **Funding Source:** Great Rivers **Institution:** The Ohio State University **City:** Columbus **Project Title:** Brown adipose tissue as a therapeutic for diabetes-induced cardiovascular disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$125,000

OHIO

Raman, Priya PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OHIO

Robinet, Peggy PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

OHIO

Rubinstein, Jack MD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OHIO

Sadayappan, Sakthivel MS, PhD

Program Type: Institute - Catalyst Renewal Grant **Funding Source:** Great Rivers **Institution:** University of Cincinnati **City:** Cincinnati **Project Title:** A novel polymorphic MYBPC3 variant causes hypertrophic cardiomyopathy in US-South Asian descendants **Award Start Date:** 5/1/2017 **Award End Date:** 4/30/2018 **Total Years:** 1 **Budget Amount:** \$250,000

OHIO

Schumacher, Jennifer BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

OHIO

Shah, Zahoor BS, MSc

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Funding Source:** Great Rivers **Institution:** University of Toledo Health Science Campus **City:** Toledo **Project Title:** Cofilin and inflammation after hemorrhagic brain injury **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

OHIO

Shen, Yuyan MD, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Case Western Reserve University **City:** Cleveland **Project Title:** The role of neutrophils in cardiomyopathy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

OHIO

Shettigar, Vikram PhD, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** The Ohio State University **City:** Columbus **Project Title:** Role of brown adipose tissue in modulating heart function **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$104,060

OHIO

Shi, Haifei MD, PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget
Amount:** \$154,000

OHIO

Song, Yuntao BS, MS

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

OHIO

Song, Jonathan PhD, MS

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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
Budget Amount: \$308,000

OHIO

Stanford, Kristin PhD

Program Type: Collaborative Science Award **Funding Source:** Great Rivers **Institution:** The Ohio
State University **City:** Columbus **Project Title:** Brown adipose tissue as a therapeutic for diabetes-
induced cardiovascular disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:**
3 **Budget Amount:** \$312,500

OHIO

Stavrou, Evi MD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget
Amount:** \$231,000

OHIO

Stephens, Olivia BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Cleveland Clinic
Foundation **City:** Cleveland **Project Title:** Investigating dysfunction of the beta-adrenergic receptor in

pulmonary arterial hypertension **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$53,688

OHIO

Sucosky, Philippe BS, MS

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$153,997

OHIO

Sun, Yvonne BS, PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OHIO

Suster, Michael PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Case Western Reserve University **City:** Cleveland **Project Title:** A Dielectric Microsensor for Comprehensive Assessment of Blood Coagulation at the Point-of-Care **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$153,248

OHIO

Sweeny, Elizabeth BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$98,950

OHIO

Unudurthi, Sathyadev PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$106,350

OHIO

Urbina, Elaine MD, MS

Program Type: Strategically Focused Research Network **Funding Source:** Great Rivers **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 **Budget Amount:** \$800,800

OHIO

Urbina, Elaine MD, MS

Program Type: Strategically Focused Research Network **Funding Source:** Great Rivers **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 **Budget Amount:** \$1,846,017

OHIO

Valiente Alandi, Inigo BS, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$98,950

OHIO

Vannatta, Kathryn PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Nationwide Children's Hospital **City:** Columbus **Project Title:** Social, Emotional, and Academic Functioning of Youth with Congenital Heart Disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

OHIO

Vasireddi, Sunil BS, MD

Program Type: Clinical Scientist Training Program **Funding Source:** Great Rivers **Institution:** MetroHealth Medical Center **City:** Cleveland **Project Title:** ARVC and the importance of fibro-fatty infiltrate and inflammation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$114,368

OHIO

Viswanathan, Shiv Kumar PhD, BS

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Cincinnati **City:** Cincinnati **Project Title:** Unfolded Protein Response and ER-Stress in Hypertrophic Cardiomyopathy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$104,060

OHIO

Von Recum, Horst BA, ME

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

OHIO

Waxman, Joshua PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Cincinnati Children's Hospital Medical Center **City:** Cincinnati **Project Title:** Molecular mechanisms determining atrial size **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

OHIO

Weil, Zachary PhD, BS

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **Institution:** The Ohio State University **City:** Columbus **Project Title:** Neurometabolic Vulnerability to Cerebral Ischemia after Traumatic Brain Injury **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

OHIO

Weisleder, Noah PhD

Program Type: Mentor-AHA Mentee Award **Funding Source:** Great Rivers **Institution:** The Ohio State University **City:** Columbus **Project Title:** **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$60,000

OHIO

Wold, Loren MS, PhD

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

OHIO

Yeung, David

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

OHIO

Yutzey, Katherine PhD

Program Type: Undergraduate Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$40,000

OHIO

Zhang, Jian MS, MD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OHIO

Zhang, Mengxue MBBS, MS

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

OHIO

Zhong, Jixin MD, PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Case Western Reserve University **City:** Cleveland **Project Title:** DPP4-ADA interaction as a metaflammatory target in atherosclerosis therapy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

OHIO

Zhu, Weifei BS, MS

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

OHIO

Ziolo, Mark PhD

Program Type: Collaborative Science Award **Funding Source:** Great Rivers **Institution:** The Ohio State University **City:** Columbus **Project Title:** Brown adipose tissue as a therapeutic for diabetes-induced cardiovascular disease **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$312,500

OHIO

Ziolo, Mark PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

OKLAHOMA

Lee, Chung-Hao PhD

Program Type: Scientist Development Grant **Funding Source:** Southwest **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 **Budget Amount:** \$307,049

OKLAHOMA

Mahamud, Riaj BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Southwest **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 **Budget Amount:** \$51,900

OKLAHOMA

Medley, Shayna BS

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

OKLAHOMA

Menendez, Matthew PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **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 **Budget Amount:** \$98,950

OKLAHOMA

Stavrakis, Stavros MD, PhD

Program Type: Grant-in-Aid **Funding Source:** Southwest **Institution:** University of Oklahoma Health Sciences Center **City:** Oklahoma City **Project Title:** Neuromodulation of inflammation to treat heart failure with preserved ejection fraction **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

OKLAHOMA

Tarantini, Stefano BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **Institution:** University of Oklahoma Health Sciences Center **City:** Oklahoma City **Project Title:** Novel Mechanisms of Cerebromicrovascular Endothelial Dysfunction in Aging **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$103,328

OKLAHOMA

Valcarcel Ares, Marta Noa BSC, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Southwest **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 **Budget Amount:** \$99,112

OKLAHOMA

Zenewicz, Lauren PhD

Program Type: Scientist Development Grant **Funding Source:** Southwest **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 **Budget Amount:** \$308,000

OREGON

Alkayed, Nabil MD, PhD

Program Type: Grant-in-Aid **Funding Source:** Western States **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 **Budget Amount:** \$154,000

OREGON

Anand, Sudarshan PhD

Program Type: Innovative Research Grant **Funding Source:** Western States **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 **Budget Amount:** \$150,000

OREGON

Aslan, Joseph PhD

Program Type: Scientist Development Grant **Funding Source:** Western States **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 **Budget Amount:** \$230,999

OREGON

Back, Stephen MD PhD

Program Type: Grant-in-Aid **Funding Source:** Western States **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 **Budget Amount:** \$154,000

OREGON

Broberg, Craig MD

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** Oregon Health & Science University, Portland **City:** Portland **Project Title:** The Systemic Right Ventricle: Risks and Outcomes of Congestive Heart Failure **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$153,987

OREGON

Chen, Shanshuang BS, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Western States **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 **Budget Amount:** \$90,000

OREGON

Corbitt, Holly BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **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 **Budget Amount:** \$51,900

OREGON

Ely, Brett MS, BS

Program Type: Predoctoral Fellowship **Funding Source:** Western States **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 **Budget Amount:** \$50,000

OREGON

Ferdaus, Mohammed BS, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Western States **Institution:** Oregon Health & Science University, Portland **City:** Portland **Project Title:** Altered function of CUL3-Delta 9 rather than haploinsufficiency is responsible for the pathogenesis of FHHt **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

OREGON

Ferencik, Maros PhD, MD

Program Type: Fellow-to-Faculty **Funding Source:** Western States **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 **Budget Amount:** \$593,000

OREGON

Halliwill, John PhD

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** University of Oregon, Eugene **City:** Eugene **Project Title:** Exercise, Inflammation, and Histamine **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

OREGON

Lovering, Andrew PhD

Program Type: Grant-in-Aid **Funding Source:** Western States **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 **Budget Amount:** \$154,000

OREGON

Maloyan, Alina PhD

Program Type: Grant-in-Aid **Funding Source:** Western States **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 **Budget Amount:** \$154,000

OREGON

Mccarty, Owen BS, PhD

Program Type: Established Investigator Award **Funding Source:** Western States **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 **Budget Amount:** \$400,000

OREGON

Minson, Christopher MS, PhD

Program Type: Grant-in-Aid **Funding Source:** Western States **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 **Budget Amount:** \$154,000

OREGON

Offner, Halina MSc, DMSc

Program Type: Grant-in-Aid **Funding Source:** Western States **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 **Budget Amount:** \$154,000

OREGON

Perundurair, Dhandapany BSC, MSc

Program Type: Scientist Development Grant **Funding Source:** Western States **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 **Budget Amount:** \$307,996

OREGON

Stecker, Eric MD

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** Oregon Health & Science University, Portland **City:** Portland **Project Title:** The impact of health insurance on sudden cardiac arrest prevention **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$152,408

OREGON

Tavori, Hagai BSC, MSc

Program Type: Scientist Development Grant **Funding Source:** Western States **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 **Budget Amount:** \$307,804

OREGON

Tereshchenko, Larisa MD, PhD

Program Type: Grant-in-Aid **Funding Source:** Western States **Institution:** Oregon Health & Science University, Portland **City:** Portland **Project Title:** Global electrical heterogeneity and clinical outcomes **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

PENNSYLVANIA

Al Ghouleh, Imad BSC, BA

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Alba, Billie BS, BA

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

PENNSYLVANIA

Arany, Zoltan BA, MD

Program Type: Established Investigator Award **Funding Source:** Great Rivers **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 **Budget Amount:** \$400,000

PENNSYLVANIA

Autieri, Michael PhD

Program Type: Innovative Research Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$150,000

PENNSYLVANIA

Barber, Sharrelle ScD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **Institution:** Drexel University **City:** Philadelphia **Project Title:** Examining Multilevel Social Predictors of Hypertension and Diabetes Control in the US and Brazil **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

PENNSYLVANIA

Barone Gibbs, Bethany PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Bauer, Robert BA, PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

PENNSYLVANIA

Betley, John Nicholas PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

PENNSYLVANIA

Bhavanasi, Dheeraj PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$102,550

PENNSYLVANIA

Bostan, Andreea BSC, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$93,000

PENNSYLVANIA

Burdick, Jason BS, PhD

Program Type: Established Investigator Award **Funding Source:** Great Rivers **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 **Budget Amount:** \$400,000

PENNSYLVANIA

Camirand, Geoffrey BS, MSc

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Caporizzo, Matthew PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$102,550

PENNSYLVANIA

Catov, Janet PhD

Program Type: Strategically Focused Research Network **Funding Source:** Great Rivers **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 **Budget Amount:** \$1,135,350

PENNSYLVANIA

Chen, Gang MD PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Exosome-mediated Extracellular Matrix Degradation in Response to Akt Activation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

PENNSYLVANIA

Chen, Minna BSE

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

PENNSYLVANIA

Cheng, Zhongjian MS, PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Temple University **City:** Philadelphia **Project Title:** Mechanisms of insufficient hydrogen sulfide-induced stem cell dysfunction in diabetes: role of miR-499 **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

PENNSYLVANIA

Chiba, Takuto PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** TSP1-CD47 axis mediate blood flow dependent renal recovery in AKI **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$104,060

PENNSYLVANIA

Clyne, Alisa PhD, BS

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Coleman, Ryan BS

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

PENNSYLVANIA

Cook, Keith PhD

Program Type: Undergraduate Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$60,000

PENNSYLVANIA

Dave, Jaydev BS, MS

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

PENNSYLVANIA

De La Fuente, Sergio PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$91,000

PENNSYLVANIA

De Lucia, Claudio MD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Temple University **City:** Philadelphia **Project Title:** Role of GRK5 in post-ischemic cardiac immune and inflammatory responses **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

PENNSYLVANIA

Eguchi, Satoru PhD, MD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Elrod, John PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Emerel, Leonid MD, BA

Program Type: Clinical Scientist Training Program **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Mechanical Stretch-Induced Oxidative and Extracellular Matrix Remodeling in Bicuspid Valve Aortopathy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$114,368

PENNSYLVANIA

Esper, Stephen MD, MBA

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Fan, Hua-Ying PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Fang, Pu PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **Institution:** Temple University **City:** Philadelphia **Project Title:** Inflammatory monocyte differentiation in type 2 diabetes mellitus **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

PENNSYLVANIA

Fernandez-Mendoza, Julio PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$304,621

PENNSYLVANIA

Fishbein, Iliia PhD, MD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Fitzgerald, Garret MD, MS

Program Type: MERIT **Funding Source:** Great Rivers **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Non-dipping Hypertension and the Human Chronobiome **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2022 **Total Years:** 5 **Budget Amount:** \$1,000,000

PENNSYLVANIA

Gao, Zhonghua PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

PENNSYLVANIA

Goldfinger, Lawrence PhD, BSC

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Temple University **City:** Philadelphia **Project Title:** Regulation of platelet function by the TC21-RhoG nexus **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Budget Amount:** \$154,000

PENNSYLVANIA

Gong, Yanqing PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Role of Vesselin in Vascularization and Tissue Repair **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

PENNSYLVANIA

Goukassian, David MD PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Grisanti, Laurel BA, PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

PENNSYLVANIA

Gross, Polina BSC

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

PENNSYLVANIA

Hao, Wenrui PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **Institution:** Pennsylvania State University, University Park **City:** University Park **Project Title:** Personalized diagnosis and prediction of atherosclerotic aneurysms via computational models **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

PENNSYLVANIA

Hatcher, Cathy BS, PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA) **Funding Source:** Great Rivers **Institution:** Philadelphia College of Osteopathic Medicine **City:** Philadelphia **Project Title:** Reelin Signaling in Coronary Vessel Formation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

PENNSYLVANIA

Helfield, Brandon BSC, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$102,550

PENNSYLVANIA

Herman, Allison

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

PENNSYLVANIA

Hubel, Carl PhD

Program Type: Strategically Focused Research Network **Funding Source:** Great Rivers **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 **Budget Amount:** \$590,870

PENNSYLVANIA

Hubel, Carl PhD

Program Type: Strategically Focused Research Network **Funding Source:** Great Rivers **Institution:** Magee-Womens Research Institute and Foundation **City:** Pittsburgh **Project Title:** Glycocalyx pathways linking pregnancy profile with microvascular dysfunction postpartum **Award Start Date:** 4/1/2016 **Award End Date:** 3/31/2020 **Total Years:** 4 **Budget Amount:** \$1,070,545

PENNSYLVANIA

Isenberg, Jeffrey MD, BA

Program Type: Undergraduate Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$60,000

PENNSYLVANIA

Jackson, Travis BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Josling, Gabrielle PhD, BS

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$91,000

PENNSYLVANIA

Kainerstorfer, Jana PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **Institution:** Carnegie Mellon University **City:** Pittsburgh **Project Title:** Cerebral autoregulation assessment with near-infrared light during intracranial pressure changes **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

PENNSYLVANIA

Kawai, Tatsuo MD, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$106,350

PENNSYLVANIA

Khan, Mohsin

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Kiani, Mohammad PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Kim, Boa BS, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Understanding the Role of PKM2 in the Vasculature and Vascular Complications of Diabetes **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

PENNSYLVANIA

Kolpakov, Mikhail MD PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

PENNSYLVANIA

Kostyak, John BS, MS

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

PENNSYLVANIA

Krolikoski, Mia BA

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

PENNSYLVANIA

Lai, Yen-Chun Charly PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

PENNSYLVANIA

Lambert, Jonathan BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

PENNSYLVANIA

Li, Yao PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Nox in Aging-Augmented Vascular Endothelial Senescence and Dysfunction **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$104,060

PENNSYLVANIA

Li, Deqiang PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** Assessment and promotion of postnatal mammalian

cardiomyocyte proliferation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3
Budget Amount: \$231,000

PENNSYLVANIA

Lin, Jiuann-Huey PhD, MD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** LRP1, an endocytic vesicle trafficking protein, is associated with congenital heart defects ,an unexplored pathway **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

PENNSYLVANIA

Liu, Juli PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$102,550

PENNSYLVANIA

Liu, Yuan PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Liverani, Elisabetta BSC, PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Lombardi, Alyssa BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

PENNSYLVANIA

Londino, James PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$102,550

PENNSYLVANIA

Ma, Peisong BSc, MSc

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Mangold, Colleen PhD, MBA

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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:** 8/30/2018 **Total Years:** 2 **Budget Amount:** \$98,950

PENNSYLVANIA

Manning, Keefe PhD, MS

Program Type: Undergraduate Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$40,000

PENNSYLVANIA

Martinez-Lozada, Zila BS, MSc

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** The Children's Hospital of Philadelphia **City:** Philadelphia **Project Title:** Regulation of astrocytic glutamate transporter 1 (GLT-1) expression through Notch signaling, a novel role of endothelia **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$104,060

PENNSYLVANIA

Mohsin, Sadia PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Mourkioti, Foteini PhD, BA

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Pennsylvania
City: Philadelphia **Project Title:** Cardiomyocyte telomere dysfunction in the progression of dystrophic
cardiomyopathy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget
Amount:** \$154,000

PENNSYLVANIA

Muli, Dominic PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of
Pittsburgh **City:** Pittsburgh **Project Title:** Targeted drug delivery for patients with small abdominal aortic
aneurysms (AAAs) **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget
Amount:** \$110,456

PENNSYLVANIA

Muluk, Satish MD

Program Type: Collaborative Science Award **Funding Source:** Great Rivers **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 **Budget Amount:** \$18,000

PENNSYLVANIA

Nelson, Victoria BA, PhD

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

PENNSYLVANIA

Nemani, Neeharika BSE, MS

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

PENNSYLVANIA

Osei Owusu, Patrick BS, PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Pedersen, Drake BS

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

PENNSYLVANIA

Ponnalagu, Devasena PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Drexel University **City:** Philadelphia **Project Title:** Splice variant chloride intracellular channel (CLIC) 5B determines mitochondrial localization and function of CLIC5 **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$110,456

PENNSYLVANIA

Powers, Robert PhD

Program Type: Strategically Focused Research Network **Funding Source:** Great Rivers **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 **Budget Amount:** \$912,435

PENNSYLVANIA

Pu, Hongjian MD, PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Molecular therapies to enhance white matter restoration in models of cerebral ischemia **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$110,456

PENNSYLVANIA

Rader, Daniel BA, MD

Program Type: Institute - Grand Challenge Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$1,000,000

PENNSYLVANIA

Radice, Glenn PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Rauova, Lubica MD, PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Ray, Mitali BS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

PENNSYLVANIA

Rittenberger, Jon MD, MS

Program Type: Innovative Research Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$150,000

PENNSYLVANIA

Rizzo, Victor PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Roh, Jinsook PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **Institution:** Temple University **City:** Philadelphia **Project Title:** Intermuscular coordination as a novel clinical target for stroke neurorehabilitation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

PENNSYLVANIA

Rothberg, Brad BS, MA

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Sabri, Abdelkarim PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **Institution:** Temple University **City:** Philadelphia **Project Title:** Protease activated receptor 4 and cardiac healing post myocardial infarction **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

PENNSYLVANIA

Sainburg, Robert OTR, MS

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$148,319

PENNSYLVANIA

Santhanam, Shanmughapriya PhD, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$106,350

PENNSYLVANIA

Sato, Priscila PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **Institution:** Temple University **City:** Philadelphia **Project Title:** Novel roles for GRK2 in modulating metabolic signaling. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

PENNSYLVANIA

Schopfer, Francisco PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Novel bioactive fatty acids in fish oil **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$154,000

PENNSYLVANIA

Shi, Yejie MD, PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Altering microglial signaling to enhance stroke recovery **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Budget Amount:** \$231,000

PENNSYLVANIA

Shiva, Sruti PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Singh, Harpreet BSc, MSc

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Song, Shanshan MD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Targeted knockout of microglial Na⁺/H⁺ 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 **Budget Amount:** \$98,950

PENNSYLVANIA

Soroush, Fariborz BS, MS

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

PENNSYLVANIA

Stevenson, James PharmD, MS

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Great Rivers **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 **Budget Amount:** \$153,078

PENNSYLVANIA

Stocker, Sean PhD

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

PENNSYLVANIA

Sukumar, Deeptha PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Sun, Jianxin PhD, MSc

Program Type: Established Investigator Award **Funding Source:** Great Rivers **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 **Budget Amount:** \$400,000

PENNSYLVANIA

Tan, Roderick MD PhD

Program Type: Fellow-to-Faculty **Funding Source:** Great Rivers **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 **Budget Amount:** \$593,000

PENNSYLVANIA

Thapa, Dharendra AS, BS

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Pittsburgh **City:** Pittsburgh **Project Title:** Novel role of GCN5L1 in regulation of mitochondrial acetylation and bioenergetics in heart failure **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

PENNSYLVANIA

Tomar, Dhanendra PhD, MS

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Temple University **City:** Philadelphia **Project Title:** Mitochondrial Calcium Uniporter Mediated Regulation of Hepatic Lipid Metabolism and its Therapeutic Implications **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

PENNSYLVANIA

Torres-Oviedo, Gelsy PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

PENNSYLVANIA

Verma, Suresh PhD, MSc

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Wang, Xiao PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Pennsylvania **City:** Philadelphia **Project Title:** In vivo targeting of PCSK9 by novel genome editing technologies **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$114,368

PENNSYLVANIA

Wedegaertner, Philip PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Wong, Timothy BS, MD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Yang, Lei PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

PENNSYLVANIA

Yeh, Yang BA, BA

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

PENNSYLVANIA

Yengo, Chris PhD

Program Type: Undergraduate Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$40,000

PENNSYLVANIA

Yue, Yujia BSC

Program Type: Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Budget Amount:** \$51,900

PENNSYLVANIA

Zahid, Maliha MBBS, PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$231,000

PENNSYLVANIA

Zhang, Cheng PhD

Program Type: Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** Temple University **City:** Philadelphia **Project Title:** Nogo-B in regulation of autophagy and inflammation in sepsis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$106,532

PENNSYLVANIA

Zhang, Xiaoying PhD

Program Type: Scientist Development Grant **Funding Source:** Great Rivers **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 **Budget Amount:** \$308,000

PENNSYLVANIA

Zhao, Yutong MD, PhD

Program Type: Grant-in-Aid **Funding Source:** Great Rivers **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 **Budget Amount:** \$154,000

RHODE ISLAND

Feng, Jun MD, MSc

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$198,000

RHODE ISLAND

Kalifa, Jerome BS, MD

Program Type: Grant-in-Aid **Funding Source:** Founders **Institution:** Rhode Island Hospital **City:** Providence **Project Title:** Cardiac Nerve-specific Photodynamic Mapping and Ablation for Cardiac Arrhythmias **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Budget Amount:** \$154,000

RHODE ISLAND

O-Uchi, Jin MD, PhD

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$308,000

RHODE ISLAND

Terentyev, Dmitry PhD

Program Type: Grant-in-Aid **Funding Source:** Founders **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 **Budget Amount:** \$198,000

RHODE ISLAND

Yaghi, Shadi MD

Program Type: Mentored Clinical & Population Research Program **Funding Source:** Founders **Institution:** Rhode Island Hospital **City:** Providence **Project Title:** Left Atrial Appendage Morphology in Cryptogenic Stroke **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Budget Amount:** \$122,526

RHODE ISLAND

Yajima, Mamiko BA, MA

Program Type: Scientist Development Grant **Funding Source:** Founders **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 **Budget Amount:** \$308,000