American Heart Association
Awardees in Alpha Order by State

Last Update: August 2018

NEW MEXICO • NEW YORK • NORTH CAROLINA • NORTH DAKOTA • OHIO • OKLAHOMA • OREGON • PENNSYLVANIA • PUERTO RICO* • RHODE ISLAND

*No current awardees

NEW MEXICO

Delfin, Dawn BA, MS

Program Type: AHA Institutional Research Enhancement Award (AIREA)  
Institution: University of New Mexico - Health Sciences Center  
City: Albuquerque  
Project Title: ABI3BP in the heart: a modulator of cardiac stem cell adhesion and differentiation  
Award Start Date: 4/1/2018  
Award End Date: 6/30/2020  
Total Years: 2  
Total Award Amount: $154,000

NEW MEXICO

Fan, Hua-Ying PhD

Program Type: Grant-in-Aid  
Institution: University of New Mexico - Health Sciences Center  
City: Albuquerque  
Project Title: Epigenetic Regulation of Notch Signaling  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

NEW MEXICO

Gonzalez Bosc, Laura BA, PhD

Program Type: Transformational Project Award  
Institution: University of New Mexico - Health Sciences Center  
City: Albuquerque  
Project Title: Novel collagen V-reactive natural TH17 cells in hypoxic pulmonary hypertension  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $300,000

NEW MEXICO

Jernigan, Nikki PhD

Program Type: Transformational Project Award  
Institution: University of New Mexico - Health Sciences Center  
City: Albuquerque  
Project Title: Metabolic Dysfunction in Pulmonary Hypertension  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $300,000

NEW MEXICO

Snow, Jessica BS, PhD

Program Type: AHA Institutional Research Enhancement Award (AIREA)  
Institution: New Mexico Highlands University  
City: Las Vegas  
Project Title: Role of GPER in Mechanisms of Pulmonary
**Hypertension**

Award Start Date: 4/1/2018 Award End Date: 3/31/2020 Total Years: 2 Total Award Amount: $154,000

**NEW YORK**

**Abdalla, Marwah MD**

Program Type: AHA-AMFDP Scholar  
Institution: Columbia University, New York  
City: New York  
Project Title: The Association of Sleep Architecture with Blood Pressure Dipping  
Award Start Date: 7/1/2018 Award End Date: 6/30/2022 Total Years: 4 Total Award Amount: $420,000

**NEW YORK**

**Abedini, Andisheh PhD**

Program Type: Scientist Development Grant  
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 Total Award Amount: $231,000

**NEW YORK**

**Adam, Alejandro PhD**

Program Type: Transformational Project Award  
Institution: Albany Medical Center  
City: Albany  
Project Title: Endothelial STAT3-dependent transcriptional changes mediating vascular barrier breakdown during shock  
Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

**NEW YORK**

**Aggarwal, Brooke EdD**

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

**NEW YORK**

**Airola, Michael BA, MS**

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

**NEW YORK**

**Alves, Chrystian PhD**

Program Type: Postdoctoral Fellowship  
Institution: Icahn School of Medicine at Mount Sinai  
City: New York  
Project Title: Tet3-mediated epigenetic regulation of NPC homeostasis and cortical development after hypoxia in human cerebral organoid  
Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532
NEW YORK

Alves-Bezerra, Michele PhD
Program Type: Postdoctoral Fellowship Institution: Weill Medical College of Cornell University City: New York Project Title: Them2-Mediated Regulation of Lipid and Glucose Metabolism in the Liver Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532

NEW YORK

Amengual Terrasa, Jaime PhD
Program Type: Scientist Development Grant Institution: New York University City: New York Project Title: Regulation of atherosclerosis progression by beta-carotene Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

NEW YORK

Auerbach, David PhD
Program Type: Career Development Award Institution: University of Rochester Medical Center City: Rochester Project Title: Mechanisms for Arrhythmias and Seizures in Long QT Syndrome Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

NEW YORK

Bae, Yongho BS, MS
Program Type: Career Development Award Institution: Research Foundation of SUNY City: Amherst Project Title: Mechanotransduction in Vascular Smooth Muscle: Survivin as a Mediator of Stiffness-Induced Responses Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

NEW YORK

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

NEW YORK

Barrett, Tessa BSC, PhD
Program Type: Career Development Award Institution: NYU Medical Center City: New York Project Title: Platelet-regulated pathways linked to plaque inflammation and elevated atherosclerotic disease risk Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

NEW YORK

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

*Basu, Debapriya BSC, MSc*

**Program Type:** Postdoctoral Fellowship  **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  **Total Award Amount:** $106,532

**NEW YORK**

*Bauer, Robert BA, PhD*

**Program Type:** Scientist Development Grant  **Institution:** Columbia University, New York  **City:** New York  **Project Title:** Mechanisms of Tribbles1 Regulation of Lipogenesis and Plasma Lipids in Humans  **Award Start Date:** 7/1/2016  **Award End Date:** 6/30/2019  **Total Years:** 3  **Total Award Amount:** $231,000

**NEW YORK**

*Berger, Jeffrey MS, MD*

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

**NEW YORK**

*Berry, Brandon BS, MS*

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

**NEW YORK**

*Boivin, Benoit PhD*

**Program Type:** Grant-in-Aid  **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  **Total Award Amount:** $154,000

**NEW YORK**

*Bortnick, Anna MD, PhD*

**Program Type:** Mentored Clinical & Population Research Program  **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  **Total Award Amount:** $154,000

**NEW YORK**

*Cai, Chuanxi PhD*

**Program Type:** Transformational Project Award  **Institution:** Albany Medical College  **City:** Albany
Title: The Function of LncRNA COIND in Myocardial Repair  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $300,000

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

NEW YORK  
Cameron, Scott MD, PhD, MS  
Program Type: Collaborative Sciences Award  
Institution: University of Rochester Medical Center  
City: Rochester  
Project Title: Modeling platelet-mediated cortical ischemia to develop next-gen antiplatelet agents for stroke  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $52,023

NEW YORK  
Cao, Jingli PhD  
Program Type: Career Development Award  
Institution: Weill Medical College of Cornell University  
City: New York  
Project Title: Dissecting the mechanisms of epicardium-guided heart regeneration  
Award Start Date: 7/1/2018  
Award End Date: 9/30/2021  
Total Years: 3  
Total Award Amount: $231,000

NEW YORK  
Cerrone, Marina MD  
Program Type: Transformational Project Award  
Institution: New York University  
City: New York  
Project Title: EXOGENOUS FACTORS IN THE ARRHYTHMOGENIC CARDIOMYOPATHY PHENOTYPE  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $300,000

NEW YORK  
Chan, Angel BS, MD, PhD  
Program Type: Career Development Award  
Institution: Memorial Sloan Kettering Cancer Center  
City: New York  
Project Title: Mechanisms of trastuzumab-induced cardiotoxicity in patient specific iPSC-derived cardiomyocytes  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $231,000

NEW YORK  
Chen, Shuibing PhD  
Program Type: Collaborative Sciences Award  
Institution: Weill Medical College of Cornell University  
City: New York  
Project Title: Identification of Genetic Variants Associated with Anthracycline-related Cardiotoxicity  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $187,501
NEW YORK

Chen, Si MS, BS  
Program Type: Predoctoral Fellowship  
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  
Total Award Amount: $53,688

NEW YORK

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

NEW YORK

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

NEW YORK

Dando, Robin BSC, MSc  
Program Type: Grant-in-Aid  
Institution: Cornell University, Ithaca  
City: Ithaca  
Project Title: Obesity Induces Apoptosis of Taste Cells, Compromising Our Ability to Taste  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

NEW YORK

Delmar, Mario MD, PhD  
Program Type: Transformational Project Award  
Institution: NYU Medical Center  
City: New York  
Project Title: Electro-metabolic coupling in the heart: can sodium channels modulate mitochondrial function?  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $300,000

NEW YORK

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

NEW YORK

Dey, Bijan BSC, MSc  
Program Type: Scientist Development Grant  
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 Total Award Amount: $231,000

NEW YORK
Doran, Amanda MD, PhD
Program Type: Fellow-to-Faculty Transition Award Institution: Columbia University, New York City: New York Project Title: A Novel Multifunctional Role for CaMKII in Advanced Atherosclerosis Award Start Date: 7/1/2017 Award End Date: 9/30/2022 Total Years: 5 Total Award Amount: $593,000

NEW YORK
Evans, Todd PhD
Program Type: Collaborative Sciences Award Institution: Weill Medical College of Cornell University City: New York Project Title: Identification of Genetic Variants Associated with Anthracycline-related Cardiotoxicity Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $187,500

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

NEW YORK
Furuya, Yoichi PhD
Program Type: Scientist Development Grant 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 Total Award Amount: $231,000

NEW YORK
Garcia-Arcos, Itsaso PhD, MS
Program Type: Grant-in-Aid 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 Total Award Amount: $154,000

NEW YORK
Garcia-Bonilla, Lidia PhD, BCH
Program Type: Scientist Development Grant Institution: Weill Medical College of Cornell University City: New York Project Title: Role of brain endothelial CD36 in neutrophil-induced post-ischemic inflammatory injury Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000
NEW YORK

Garshick, Michael BA, MD
Program Type: Career Development Award  
Institution: NYU Medical Center  
City: New York  
Project Title: The Evaluation of Endothelial and Platelet Dysfunction in Those with Psoriasis  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $231,000

NEW YORK

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

NEW YORK

Gavathiotis, Evripidis PhD
Program Type: Strategic Renewal Grant  
Institution: Albert Einstein College of Medicine  
City: Bronx  
Project Title: Creating Novel Drugs to Protect the Heart Against Cancer Therapies  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2020  
Total Years: 2  
Total Award Amount: $246,766

NEW YORK

Goldberg, Ira MD
Program Type: Strategically Focused Research Network  
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  
Total Award Amount: $798,979

NEW YORK

Gong, Jingqi BS
Program Type: Predoctoral Fellowship  
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  
Total Award Amount: $53,688

NEW YORK

Goo, Young-Hwa PhD, MS
Program Type: Transformational Project Award  
Institution: Albany Medical College  
City: Albany  
Project Title: Investigation of Guanylate Binding Proteins as a novel regulator of inflammation in atherosclerosis  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $300,000

NEW YORK

Goyal, Parag MD, MSc
Program Type: Innovative Project Award  
Institution: Weill Medical College of Cornell University  
City: New York  
Project Title: Safety of Neurohormonal Antagonist Initiation Among Older Adults Following a Heart Failure Hospitalization  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2020  
Total Years: 2  
Total Award Amount: $200,000
NEW YORK

**Groves, Alan MB, ChB, MD**

**Program Type:** Grant-in-Aid  
**Institution:** Icahn School of Medicine at Mount Sinai  
**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  
**Total Award Amount:** $146,410

NEW YORK

**Guo, Austin PhD, BS**

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

NEW YORK

**Gupta, Vivek PhD**

**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Institution:** St. John's University  
**City:** Queens  
**Project Title:** Novel Therapies for Pulmonary Hypertension: Mechanism based Drug Repositioning for Superior Therapeutic Outcomes  
**Award Start Date:** 4/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $154,000

NEW YORK

**Gupte, Sachin MD, PhD**

**Program Type:** Grant-in-Aid  
**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  
**Total Award Amount:** $154,000

NEW YORK

**Hadri, Lahouaria PhD**

**Program Type:** Innovative Project Award  
**Institution:** Icahn School of Medicine at Mount Sinai  
**City:** New York  
**Project Title:** Extracellular vesicles secreted by human Induced Pluripotent Stem Cells (iPSC)-derived Vascular Cells as Novel Biomarker  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $200,000

NEW YORK

**Halterman, Marc PhD, MD**

**Program Type:** Collaborative Sciences Award  
**Institution:** University of Rochester Medical Center  
**City:** Rochester  
**Project Title:** Modeling platelet-mediated cortical ischemia to develop next-gen antiplatelet agents for stroke  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $479,428

NEW YORK

**Halterman, Marc PhD, MD**

**Program Type:** Innovative Project Award  
**Institution:** University of Rochester Medical Center  
**City:** Rochester  
**Project Title:**
Rochester Project Title: GFP-tagging the ER-stress proteome to address bottlenecks in neurotherapeutics discovery Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $200,000

NEW YORK

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

NEW YORK

Hochman, Judith MA, MD
Program Type: Strategically Focused Research Network Institution: NYU Medical Center City: New York Project Title: NYU Women's Heart Attack Research Program Award Start Date: 4/1/2016 Award End Date: 3/31/2020 Total Years: 4 Total Award Amount: $580,800

NEW YORK

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

NEW YORK

Hsieh, Joanne BSC, PhD
Program Type: Career Development Award Institution: Columbia University, New York City: New York Project Title: Regulation of Liver X Receptor by TTC39B Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

NEW YORK

Hwang, Jee-Yeon BS, MS
Program Type: Scientist Development Grant Institution: Albert Einstein College of Medicine City: Bronx Project Title: The role of miR-132 and miR-34 in global ischemia Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

NEW YORK

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

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

NEW YORK

**Jin, Sheng Chih BS, MSc**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** The Rockefeller University  
**City:** New York  
**Project Title:** Integrated genomic characterization of complex inheritance in congenital heart disease  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $110,456

NEW YORK

**Jin, Zheng Gen PhD**  
**Program Type:** Grant-in-Aid  
**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  
**Total Award Amount:** $154,000

NEW YORK

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

NEW YORK

**Kho, Chang Won BA, MS**  
**Program Type:** Transformational Project Award  
**Institution:** Icahn School of Medicine at Mount Sinai  
**City:** New York  
**Project Title:** SUMO1 as New Molecular Target for Aging Heart  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $300,000

NEW YORK

**Kim, Kyeong Jin PhD**  
**Program Type:** Scientist Development Grant  
**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  
**Total Award Amount:** $231,000

NEW YORK

**Kitsis, Richard MD**  
**Program Type:** Strategic Renewal Grant  
**Institution:** Albert Einstein College of Medicine  
**City:** Bronx  
**Project Title:** Creating Novel Drugs to Protect the Heart Against Cancer Therapies  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $253,234
NEW YORK
Kobayashi, Satoru BS, PhD
Program Type: Scientist Development Grant Institution: New York Institute of Technology, Old Westbury City: Old Westbury Project Title: Lysosomal Dysfunction in the Diabetic Heart Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $308,000

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

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

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

NEW YORK
Lopes, Coeli PhD
Program Type: Grant-in-Aid Institution: University of Rochester Medical Center City: Rochester Project Title: Statin therapy in inherited and drug-induced Long QT syndrome Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

NEW YORK
Lu, Pengfei PhD
Program Type: Postdoctoral Fellowship Institution: Albert Einstein College of Medicine City: Bronx Project Title: Regulation of heart valve development by endocardial Nfatc1-Sox17 interaction Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $102,550

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

Lyu, Qing PhD
Program Type: Postdoctoral Fellowship
Institution: University of Rochester Medical Center
City: Rochester
Project Title: Mechanism of SENCr function in endothelium integrity
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $106,532

NEW YORK

Madrigal-Matute, Julio PhD, BSc
Program Type: Postdoctoral Fellowship
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
Total Award Amount: $110,456

NEW YORK

Mani, Venkatesh PhD
Program Type: Grant-in-Aid
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
Total Award Amount: $154,000

NEW YORK

Martin Trujillo, Alejandro BScN, BSc
Program Type: Postdoctoral Fellowship
Institution: Icahn School of Medicine at Mount Sinai
City: New York
Project Title: Epigenetic defects in congenital heart defects
Award Start Date: 7/1/2018
Award End Date: 12/31/2020
Total Years: 2
Total Award Amount: $110,456

NEW YORK

Mathiyalagan, Prabhu PhD, MSc
Program Type: Postdoctoral Fellowship
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
Total Award Amount: $106,532

NEW YORK

Matsui, Maiko PhD
Program Type: Postdoctoral Fellowship
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
Total Award Amount: $110,456

NEW YORK

Menon, Madhav MBBS, MD
Program Type: Scientist Development Grant
Institution: Icahn School of Medicine at Mount Sinai
City: New York
Project Title: Role of Shroom3 in native and allograft kidney fibrosis
Award Start Date: 7/1/2015
Award End Date: 6/30/2019
Total Years: 4
Total Award Amount: $308,000
NEW YORK

Merkler, Alexander BS, MD
Program Type: Career Development Award Institution: Weill Medical College of Cornell University City: New York Project Title: Unrecognized Myocardial Infarction May Be A Novel Risk Factor For Ischemic Stroke Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

NEW YORK

Mesquita, Ana PhD, MSc
Program Type: Postdoctoral Fellowship Institution: Albert Einstein College of Medicine City: Bronx Project Title: Regulation of endosomal Microautophagy by cellular stress. Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $110,456

NEW YORK

Monaghan, Morgan BS, MS
Program Type: Postdoctoral Fellowship Institution: University of Rochester Medical Center City: Rochester Project Title: Mechanisms for the Induction of Fatty Acid Biosynthesis by the Human Cytomegalovirus Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $98,950

NEW YORK

Morrell, Craig DVM, PhD
Program Type: Collaborative Sciences Award Institution: University of Rochester Medical Center City: Rochester Project Title: Modeling platelet-mediated cortical ischemia to develop next-gen antiplatelet agents for stroke Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $55,479

NEW YORK

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

NEW YORK

Musselman, Laura BS, PhD
Program Type: Scientist Development Grant Institution: SUNY, Binghamton City: Binghamton Project Title: Identification of Lipotoxins Affecting Cardiac Physiology in the Face of Caloric Overload Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $218,486

NEW YORK

Nilsson, Bradley PhD
Program Type: Collaborative Sciences Award Institution: University of Rochester Medical Center City: Rochester Project Title: Modeling platelet-mediated cortical ischemia to develop next-gen antiplatelet
agents for stroke Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $163,070

NEW YORK

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

NEW YORK

Panepinto, John PhD, BS
Program Type: Grant-in-Aid Institution: Research Foundation of SUNY City: Amherst Project Title: Control of Host-Induced C. neoformans Morphogenesis by Protein Arginine Methylation Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

NEW YORK

Patel, Snehal BS, MD
Program Type: Grant-in-Aid Institution: Albert Einstein College of Medicine City: Bronx Project Title: Mucosal Vascular Alterations during Heart Failure and Continuous Flow LVAD Support Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $151,860

NEW YORK

Pathak, Jyotishman PhD
Program Type: Institute - Data Grant 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 Total Award Amount: $198,814

NEW YORK

Paul, Antonio PhD
Program Type: Transformational Project Award Institution: Albany Medical Center City: Albany Project Title: Mechanisms of atheroprotection and plaque stabilization by lipid droplet-associated hydrolase Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

NEW YORK

Pavlov, Evgeny PhD
Program Type: Transformational Project Award Institution: New York University City: New York Project Title: Misfolded proteins as core components of the mitochondrial permeability transition. Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

NEW YORK

Pavlov, Evgeny PhD
Program Type: Grant-in-Aid  Institution: New York University  City: New York  Project Title: Molecular composition of the mitochondrial permeability transition pore  Award Start Date: 1/1/2016  Award End Date: 12/31/2018  Total Years: 3  Total Award Amount: $198,000

NEW YORK

Peixoto, Pablo PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA)  Institution: Baruch College  City: New York  Project Title: Mitochondrial ROS in Synaptic Plasticity  Award Start Date: 4/1/2018  Award End Date: 3/31/2020  Total Years: 2  Total Award Amount: $154,000

NEW YORK

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

NEW YORK

Poganik, Jesse BS
Program Type: Predoctoral Fellowship  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  Total Award Amount: $53,688

NEW YORK

Rambout, Xavier MSc, MSc
Program Type: Postdoctoral Fellowship  Institution: University of Rochester Medical Center  City: Rochester  Project Title: PGC-1a couples transcriptional and co/post-transcriptional responses to hypoxia and promotes migration of VSMCs  Award Start Date: 7/1/2018  Award End Date: 6/30/2020  Total Years: 2  Total Award Amount: $114,368

NEW YORK

Reiss, Allison MD
Program Type: Grant-in-Aid  Institution: NYU Winthrop Hospital  City: Mineola  Project Title: Methotrexate and cholesterol transport regulation: Impact of treatment regimen in diabetes and metabolic syndrome  Award Start Date: 1/1/2016  Award End Date: 12/31/2018  Total Years: 3  Total Award Amount: $198,000

NEW YORK

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

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

NEW YORK

Rottiers, Veerle BS, MS
Program Type: Scientist Development Grant Institution: Cornell University, Ithaca City: Ithaca Project Title: Functional analysis of conserved lipid homeostasis genes. Award Start Date: 1/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: $308,000

NEW YORK

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

NEW YORK

Sanganna Gari, Raghavendar Reddy PhD
Program Type: Postdoctoral Fellowship Institution: Weill Medical College of Cornell University City: New York Project Title: Molecular level characterization of conformational changes in TRPV2 channel triggered by therapeutic agents and lipids Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $110,456

NEW YORK

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

NEW YORK

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

NEW YORK

Sassi, Yassine PhD
Program Type: Innovative Project Award Institution: Icahn School of Medicine at Mount Sinai City: New York
York

**Project Title:** Myocardial activities of extracellular vesicles-derived miRNAs from Bovine milk  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $200,000

NEW YORK

**Scacalossi, Kaitlyn BS, MS**

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

NEW YORK

**Schmidpeter, Philipp BS, MSc**

**Program Type:** Postdoctoral Fellowship  
**Institution:** Weill Medical College of Cornell University  
**City:** New York  
**Project Title:** Molecular determinants of the modulation of HCN pacemaker channels by cAMP  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $110,456

NEW YORK

**Schmidt, Ann Marie MD**

**Program Type:** Strategically Focused Research Network  
**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  
**Total Award Amount:** $580,800

NEW YORK

**Schmidt, Ann Marie MD**

**Program Type:** Strategically Focused Research Network  
**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  
**Total Award Amount:** $970,497

NEW YORK

**Schuster, Victor MD**

**Program Type:** Innovative Project Award  
**Institution:** Albert Einstein College of Medicine  
**City:** Bronx  
**Project Title:** Preventing ischemia-reperfusion injury by blocking the maxi-anion channel  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $200,000

NEW YORK

**Senders, Max BS, MSc**

**Program Type:** Predoctoral Fellowship  
**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  
**Total Award Amount:** $53,688
NEW YORK
Sevick, Mary ScD
Program Type: Strategically Focused Research Network 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 Total Award Amount: $1,358,924

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

NEW YORK
Shimada, Yuichi MD, MPH
Program Type: Mentored Clinical & Population Research Program Institution: Columbia University, New York City: New York
Project Title: Application of Proteomics Profiling to Predict Adverse Cardiovascular Events in Hypertrophic Cardiomyopathy Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

NEW YORK
Shimada, Yuichi MD, MPH
Program Type: Career Development Award Institution: Columbia University, New York City: New York
Project Title: Bariatric Surgery and Acute Cardiovascular Events: Analysis of Two Complementary Databases Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

NEW YORK
Small, David PhD
Program Type: Postdoctoral Fellowship 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 Total Award Amount: $106,532

NEW YORK
Spolitu, Stefano PhD
Program Type: Postdoctoral Fellowship 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 Total Award Amount: $103,328

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

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

**NEW YORK**  
**Stillitano, Francesca BS, PhD**  
**Program Type:** Scientist Development Grant  
**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  
**Total Award Amount:** $231,000

**NEW YORK**  
**Stillitano, Francesca BS, PhD**  
**Program Type:** Transformational Project Award  
**Institution:** Icahn School of Medicine at Mount Sinai  
**City:** New York  
**Project Title:** Pathophysiological mechanism of Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC) caused by Phospholamban R14 delet  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $300,000

**NEW YORK**  
**St-Onge, Marie-Pierre BS, MSc**  
**Program Type:** Strategic Collaborative Grant  
**Institution:** Columbia University, New York  
**City:** New York  
**Project Title:** Timing of Sleep and of Food Intake in Obese Patients with HfPEF  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $13,608

**NEW YORK**  
**St-Onge, Marie-Pierre BS, MSc**  
**Program Type:** Strategically Focused Research Network  
**Institution:** Columbia University, New York  
**City:** New York  
**Project Title:** Impact of sleep restriction on cardiometabolic risk factors in pre- vs postmenopausal women  
**Award Start Date:** 4/1/2016  
**Award End Date:** 3/31/2020  
**Total Years:** 4  
**Total Award Amount:** $1,079,127

**NEW YORK**  
**Sun, Ji PhD, BS**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** The Rockefeller University  
**City:** New York  
**Project Title:** Molecular Basis of PIP2 Activation of KCNQ1 Channel  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $106,350
NEW YORK

**Tortorella, Domenico BS, PhD**
**Program Type:** Grant-in-Aid  
**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  
**Total Award Amount:** $154,000

NEW YORK

**Tuschl, Thomas BS, MS**
**Program Type:** Collaborative Sciences Award  
**Institution:** The Rockefeller University  
**City:** New York  
**Project Title:** Analysis of platelet function and microRNA-mRNA profiles in neonatal cardiac patients  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $296,682

NEW YORK

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

NEW YORK

**Veenstra, Richard PhD**
**Program Type:** Grant-in-Aid  
**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  
**Total Award Amount:** $154,000

NEW YORK

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

NEW YORK

**Weil, Brian PhD, MS**
**Program Type:** Scientist Development Grant  
**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  
**Total Award Amount:** $231,000

NEW YORK

**Weinstock, Ada BSC, MSc**
**Program Type:** Postdoctoral Fellowship  
**Institution:** NYU Medical Center  
**City:** New York  
**Project Title:** Regulation of atherosclerosis regression and macrophage polarization by a novel Wnt-STAT3 axis  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $106,532
**NEW YORK**  
*Williams, Ryan BA, PhD*  
Program Type: Postdoctoral Fellowship  
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  
Total Award Amount: $114,368

**NEW YORK**  
*Xu, Suowen BS, PhD*  
Program Type: Career Development Award  
Institution: University of Rochester Medical Center  
City: Rochester  
Project Title: Role of coronary artery disease risk gene JCAD in endothelial function and atherosclerosis  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $231,000

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

**NEW YORK**  
*Yang, Huaqian PhD*  
Program Type: Postdoctoral Fellowship  
Institution: NYU Medical Center  
City: New York  
Project Title: Plasticity of sarcolemmal KATP channel surface expression: Role of EHD2  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $98,950

**NEW YORK**  
*Zhang, Wei BS, PhD*  
Program Type: Career Development Award  
Institution: Albany Medical Center  
City: Albany  
Project Title: A novel gene pair of IL-8 and its opposingly transcribed neighbor gene IncRNA KILN in vascular disease  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $231,000

**NEW YORK**  
*Zheng, Wenjun PhD*  
Program Type: Grant-in-Aid  
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  
Total Award Amount: $154,000

**NEW YORK**  
*Zhu, Changyu BS, MA*  
Program Type: Predoctoral Fellowship  
Institution: Columbia University, New York  
City: New York  
Project Title: Investigate the Jagged1-Notch-Osteopontin axis in Non-Alcoholic Steatohepatitis and
fibrosis 

**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $51,900

**NEW YORK**  
*Zuloaga, Kristen BA, PhD*  
**Program Type:** Scientist Development Grant  
**Institution:** Albany Medical College  
**City:** Albany  
**Project Title:** ROLE OF AROMATASE IN VASCULAR COGNITIVE IMPAIRMENT IN PREDIABETIC MICE  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2019  
**Total Years:** 4  
**Total Award Amount:** $308,000

**NORTH CAROLINA**  
*Armstrong, Sarah MD*  
**Program Type:** Strategically Focused Research Network  
**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  
**Total Award Amount:** $1,500,835

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

**NORTH CAROLINA**  
*Brown, Ashley PhD, BS*  
**Program Type:** Scientist Development Grant  
**Institution:** North Carolina State University  
**City:** Raleigh  
**Project Title:** Development of anti-microbial platelet-like particles for augmentation of hemostasis and advanced wound healing  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**NORTH CAROLINA**  
*Chappell, Mark PhD*  
**Program Type:** Transformational Project Award  
**Institution:** Wake Forest University Health Sciences  
**City:** Winston Salem  
**Project Title:** Endocannabinoid-Angiotensin Systems in Diabetic Hypertension  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $300,000

**NORTH CAROLINA**  
*Chen, Anzhi BS*  
**Program Type:** Predoctoral Fellowship  
**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  
**Total Award Amount:** $53,688
NORTH CAROLINA

Cheng, Ke PhD, BS

Program Type: Transformational Project Award  Institution: North Carolina State University  City: Raleigh  Project Title: Restoring exosome functions in post-MI hearts by modulating miR-21  Award Start Date: 7/1/2018  Award End Date: 6/30/2021  Total Years: 3  Total Award Amount: $299,462

NORTH CAROLINA

Cole, Jacqueline BS, MS

Program Type: Grant-in-Aid  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  Total Award Amount: $154,000

NORTH CAROLINA

Combs, Matthew BS, AS

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

NORTH CAROLINA

Cook, Marc PhD

Program Type: Career Development Award  Institution: North Carolina A&T State University, Greensboro  City: Greensboro  Project Title: Effect of Exercise Training on Gut Dysbiosis and Hypertension in African Americans  Award Start Date: 7/1/2018  Award End Date: 6/30/2021  Total Years: 3  Total Award Amount: $231,000

NORTH CAROLINA

Crowley, Steven MD

Program Type: Transformational Project Award  Institution: Duke University Durham  City: Durham  Project Title: The interleukin-1 receptor modulates blood pressure and renal tubular injury  Award Start Date: 7/1/2018  Award End Date: 6/30/2021  Total Years: 3  Total Award Amount: $300,000

NORTH CAROLINA

Daniele, Michael BS, PhD

Program Type: Transformational Project Award  Institution: North Carolina State University  City: Raleigh  Project Title: Pre-Vascularization of Cardiac Stem Cell Patches Improves Heart Regeneration  Award Start Date: 7/1/2018  Award End Date: 6/30/2021  Total Years: 3  Total Award Amount: $300,000

NORTH CAROLINA

Davey, Lauren PhD, MSc

Program Type: Postdoctoral Fellowship  Institution: Duke University Medical Center  City: Durham  Project Title: Genetic analysis of a beneficial gut bacterium  Award Start Date: 7/1/2018  Award End Date: 9/30/2020  Total Years: 2  Total Award Amount: $106,532
NORTH CAROLINA
*de Castro Brás, Lisandra PhD, BSC*

**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Institution:** East Carolina University  
**City:** Greenville  
**Project Title:** Collagen peptides as biomarkers of heart failure  
**Award Start Date:** 4/1/2018  
**Award End Date:** 3/31/2020  
**Total Years:** 2  
**Total Award Amount:** $154,000

NORTH CAROLINA
*Detter, Matthew BS*

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

NORTH CAROLINA
*Devore, Adam*

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

NORTH CAROLINA
*Dong, Olivia MPH, BS*

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

NORTH CAROLINA
*Douglas, Pamela MD*

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

NORTH CAROLINA
*Fanaroff, Alexander BA*

**Program Type:** Fellow-to-Faculty Transition Award  
**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:** 6/30/2023  
**Total Years:** 5  
**Total Award Amount:** $592,290

NORTH CAROLINA
*Felker, Michael MD, MHSc*

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

*Felker, Michael MD, MHSc*

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

NORTH CAROLINA

*Fleming, Nicole BS*

**Program Type:** Predoctoral Fellowship  
**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  
**Total Award Amount:** $53,688

NORTH CAROLINA

*Fudim, Marat MD*

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

NORTH CAROLINA

*Gokhale, Nandan BS*

**Program Type:** Predoctoral Fellowship  
**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  
**Total Award Amount:** $53,688

NORTH CAROLINA

*Goldman, Joseph BS, PhD*

**Program Type:** Scientist Development Grant  
**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  
**Total Award Amount:** $231,000

NORTH CAROLINA

*Gregoski, Mat PhD, MS*

**Program Type:** Scientist Development Grant  
**Institution:** Campbell University, Buies 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  
**Total Award Amount:** $308,000

NORTH CAROLINA

*Grimsrud, Paul PhD, BA*

**Program Type:** Career Development Award  
**Institution:** Duke University Medical Center  
**City:** Durham  
**Project Title:** A Systems Biology Approach for Exploring the Role of PDK4 in Mediating Mitochondrial...
Remodeling in the Heart  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $231,000  

NORTH CAROLINA  
**Hoffmann, Ulrike MD, PhD**  
**Program Type:** Collaborative Sciences Award  
**Institution:** Duke University Durham  
**City:** Durham  
**Project Title:** Decrypting the Role of Epinephrine on Brain Function after Cardiac Arrest in Mice  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $109,128  

NORTH CAROLINA  
**Khatri, Raju MSc, MS**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** University of North Carolina, Chapel Hill  
**City:** Chapel Hill  
**Project Title:** PREDICTING MATERNAL CHANGES IN ANTIHYPERTENSIVE DRUG METABOLISM AND EXPOSURE DURING PREGNANCY  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $114,368  

NORTH CAROLINA  
**Li, Jennifer MD, MHSc**  
**Program Type:** Strategically Focused Research Network  
**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  
**Total Award Amount:** $800,800  

NORTH CAROLINA  
**Mack, Christopher PhD**  
**Program Type:** Medical Student Research Fellowship  
**Institution:** University of North Carolina, Chapel Hill  
**City:** Chapel Hill  
**Project Title:** UNC medical/professional student summer cardiovascular research training program  
**Award Start Date:** 2/1/2017  
**Award End Date:** 1/31/2020  
**Total Years:** 3  
**Total Award Amount:** $60,000  

NORTH CAROLINA  
**May, Linda PhD, MS**  
**Program Type:** Innovative Project Award  
**Institution:** East Carolina University  
**City:** Greenville  
**Project Title:** Influence of maternal exercise on Infant skeletal muscle and metabolomics  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $200,000  

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

Neher, Saskia BS, PhD
Program Type: Grant-in-Aid 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 Total Award Amount: $154,000

NORTH CAROLINA

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

NORTH CAROLINA

Peters, Erica PhD, MS
Program Type: Postdoctoral Fellowship Institution: University of North Carolina, Chapel Hill City: Chapel Hill Project Title: Targeted, Niche-Responsive Peptide Amphiphile Nanofibers as Injectable Drug Delivery Vehicles to Treat Atherosclerosis Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $104,060

NORTH CAROLINA

Poss, Kenneth PhD
Program Type: Merit Award Institution: Duke University Durham City: Durham Project Title: Enhancing heart regeneration Award Start Date: 7/1/2016 Award End Date: 6/30/2021 Total Years: 5 Total Award Amount: $1,000,000

NORTH CAROLINA

Qian, Li PhD
Program Type: Transformational Project Award Institution: University of North Carolina, Chapel Hill City: Chapel Hill Project Title: Single Cell Transcriptomics to Reconstruct Trajectory of Human Cardiac Reprogramming Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

NORTH CAROLINA

Rajagopal, Sudarshan MD, PhD
Program Type: Grant-in-Aid 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 Total Award Amount: $154,000

NORTH CAROLINA

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

**NORTH CAROLINA**  
**Shah, Svati MS, MD**  
**Program Type:** Strategically Focused Research Network  
**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  
**Total Award Amount:** $899,643

**NORTH CAROLINA**  
**Shaltout, Hossam PhD, RPh**  
**Program Type:** Scientist Development Grant  
**Institution:** Wake Forest University Health Sciences  
**City:** Winston Salem  
**Project Title:** Comprehensive Assessment of Vascular and Autonomic Function in Children with Low Vitamin D  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2019  
**Total Years:** 4  
**Total Award Amount:** $301,912

**NORTH CAROLINA**  
**Shih, Yen-Yu PhD, BS**  
**Program Type:** Scientist Development Grant  
**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  
**Total Award Amount:** $308,000

**NORTH CAROLINA**  
**Skinner, Asheley PhD**  
**Program Type:** Strategically Focused Research Network  
**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  
**Total Award Amount:** $507,922

**NORTH CAROLINA**  
**Spracklen, Cassandra BA, MS**  
**Program Type:** Postdoctoral Fellowship  
**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  
**Total Award Amount:** $106,532

**NORTH CAROLINA**  
**Taylor, Anne PhD, BS**  
**Program Type:** Grant-in-Aid  
**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  
**Total Award Amount:** $154,000
NORTH CAROLINA

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

NORTH CAROLINA

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

NORTH CAROLINA

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

NORTH CAROLINA

Wang, Li PhD
Program Type: Career Development Award Institution: University of North Carolina, Chapel Hill City: Chapel Hill Project Title: Role of Autophagy and Beclin1 in Direct Cardiac Reprogramming Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

NORTH CAROLINA

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

NORTH CAROLINA

Wetendorf, Margeaux BS, PhD
Program Type: Postdoctoral Fellowship Institution: University of North Carolina, Chapel Hill City: Chapel Hill Project Title: Assessing miRNA Regulation of Adrenomedullin Expression in Cigarette Smoke Driven Protection from Preeclampsia Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $104,060

NORTH CAROLINA

Wolf, Myles MD
Program Type: Strategically Focused Research Network 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 **Total Award Amount:** $1,325,775

**NORTH CAROLINA**

*Yan, Ruorong PhD, BA*

**Program Type:** Postdoctoral Fellowship  
**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:** 12/30/2019  
**Total Years:** 2  
**Total Award Amount:** $104,060

**NORTH CAROLINA**

*Yang, Wei BS, MS*

**Program Type:** Collaborative Sciences Award  
**Institution:** Duke University Durham  
**City:** Durham  
**Project Title:** Decrypting the Role of Epinephrine on Brain Function after Cardiac Arrest in Mice  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $325,529

**NORTH CAROLINA**

*Yao, Junjie PhD*

**Program Type:** Collaborative Sciences Award  
**Institution:** Duke University Durham  
**City:** Durham  
**Project Title:** Decrypting the Role of Epinephrine on Brain Function after Cardiac Arrest in Mice  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $315,343

**NORTH CAROLINA**

*Zhang, Qibin PhD*

**Program Type:** Collaborative Sciences Award  
**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  
**Total Award Amount:** $496,303

**NORTH CAROLINA**

*Zhu, Xuewei MBBS, MS*

**Program Type:** Scientist Development Grant  
**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  
**Total Award Amount:** $308,000

**NORTH DAKOTA**

*Jarajapu, Yagna PharMD, MSc*

**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**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  
**Total Award Amount:** $154,000
**Ohio**

**Aboualaiwi, Wissam**  
*Program Type*: Scientist Development Grant  
*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  
*Total Award Amount*: $231,000

**Ohio**

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

**Ohio**

**Agrawal, Shipra PhD**  
*Program Type*: Career Development Award  
*Institution*: Nationwide Children's Hospital  
*City*: Columbus  
*Project Title*: Improving Kidney Disease by Targeting Podocyte PPAR gamma  
*Award Start Date*: 7/1/2018  
*Award End Date*: 6/30/2021  
*Total Years*: 3  
*Total Award Amount*: $231,000

**Ohio**

**Amini, Rouzbeh PhD, MS**  
*Program Type*: Scientist Development Grant  
*Institution*: University of Akron  
*City*: Akron  
*Project Title*: Multistate Model of The Tricuspid Valve Repair Surgery  
*Award Start Date*: 1/1/2016  
*Award End Date*: 6/30/2020  
*Total Years*: 4  
*Total Award Amount*: $308,000

**Ohio**

**Apte, Suneel MBBS, DPhil**  
*Program Type*: Paul G. Allen Distinguished Investigator Award  
*Institution*: Cleveland Clinic Foundation  
*City*: Cleveland  
*Project Title*: Forward and reverse degradomics of cardiovascular extracellular matrix  
*Award Start Date*: 10/1/2017  
*Award End Date*: 9/30/2020  
*Total Years*: 3  
*Total Award Amount*: $1,500,000

**Ohio**

**Bai, Yuntao PhD**  
*Program Type*: Postdoctoral Fellowship  
*Institution*: The Ohio State University  
*City*: Columbus  
*Project Title*: Mitigation of Acute Kidney Injury by Inhibiting Fibroblast Growth Factor Receptor Pathway  
*Award Start Date*: 7/1/2018  
*Award End Date*: 6/30/2020  
*Total Years*: 2  
*Total Award Amount*: $106,532

**Ohio**

**Ballinger, Megan PhD**  
*Program Type*: Scientist Development Grant  
*Institution*: The Ohio State University  
*City*: Columbus  
*Project Title*: The role of macrophages in regulating pulmonary fibrosis  
*Award Start Date*: 7/1/2016  
*Award End Date*: 6/30/2019  
*Total Years*: 3  
*Total Award Amount*: $231,000
**Basak, Sandip PhD**  
**Program Type:** Postdoctoral Fellowship  
**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  
**Total Award Amount:** $110,456

**Baskin, Kedryn BA, PhD**  
**Program Type:** Career Development Award  
**Institution:** The Ohio State University  
**City:** Columbus  
**Project Title:** A Novel Cardiomyokine Regulates Inter-organ Communication and Metabolism  
**Award Start Date:** 7/1/2018  
**Award End Date:** 8/31/2021  
**Total Years:** 3  
**Total Award Amount:** $231,000

**Basu, Madhumita PhD**  
**Program Type:** Career Development Award  
**Institution:** Nationwide Children's Hospital  
**City:** Columbus  
**Project Title:** Mechanisms of maternal hyperglycemia induced risk of congenital heart disease  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $231,000

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

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

**Boyne, Pierce PT, BS**  
**Program Type:** Mentored Clinical & Population Research Program  
**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  
**Total Award Amount:** $153,768

**Bround, Michael PhD**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Cincinnati Children's Hospital Medical Center  
**City:**
Cincinnati  
**Project Title:** The Role of Micu2 in Ischemia Reperfusion Injury and Cardiomyocyte Biology  
**Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2020  **Total Years:** 2  **Total Award Amount:** $104,060

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

**Ohio**  
**Chung, Mina MD**  
**Program Type:** Strategically Focused Research Network  
**Institution:** Cleveland Clinic Foundation  
**City:** Cleveland  
**Project Title:** Translational Strategies for the Prevention of Atrial Fibrillation Development and Progression  
**Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2022  **Total Years:** 4  **Total Award Amount:** $580,800

**Ohio**  
**Chung, Mina MD**  
**Program Type:** Strategically Focused Research Network  
**Institution:** Cleveland Clinic Foundation  
**City:** Cleveland  
**Project Title:** Upstream Targeting for the Prevention of AF: Targeting Risk Interventions and Metformin for AF (TRIM-AF)  
**Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2022  **Total Years:** 4  **Total Award Amount:** $1,564,200

**Ohio**  
**Consitt, Leslie PhD**  
**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Institution:** Ohio University, Athens  
**City:** Athens  
**Project Title:** Skeletal Muscle Mechanisms Involved in Obesity-Related Metabolic Inflexibility  
**Award Start Date:** 4/1/2018  **Award End Date:** 6/30/2020  **Total Years:** 2  **Total Award Amount:** $154,000

**Ohio**  
**Demazumder, Deeptankar MD, PhD**  
**Program Type:** Institute - Uncovering New Patterns Grant  
**Institution:** University of Cincinnati  
**City:** Cincinnati  
**Project Title:** Critical Health Assessment & Outcomes Study/Score during sleep (CHAOS-sleep)  
**Award Start Date:** 4/2/2018  **Award End Date:** 3/31/2019  **Total Years:** 1  **Total Award Amount:** $150,000

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

Dudiki, Tejasvi BSC, MSc
Program Type: Postdoctoral Fellowship Institution: Cleveland Clinic Foundation City: Cleveland Project Title: Role of exosomes in cancer associated thrombotic complications Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $110,456

OHIO

Dutta, Punashi PhD
Program Type: Postdoctoral Fellowship Institution: Nationwide Children's Hospital City: Columbus Project Title: Targeting nuclear export to attenuate aortic valve calcification Award Start Date: 7/1/2018 Award End Date: 8/30/2020 Total Years: 2 Total Award Amount: $106,532

OHIO

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

OHIO

Fan, Guo-Chang BS, MS
Program Type: Established Investigator Award Institution: University of Cincinnati City: Cincinnati Project Title: Exosomes and Their Content Reprogramming in Heart Failure Award Start Date: 1/1/2017 Award End Date: 12/31/2021 Total Years: 5 Total Award Amount: $400,000

OHIO

Fields, Maria PhD
Program Type: Postdoctoral Fellowship 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 Total Award Amount: $106,532

OHIO

Gajeton, Jasmine BS
Program Type: Predoctoral Fellowship 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 Total Award Amount: $53,688

OHIO

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

Gooch, Keith PhD
Program Type: Grant-in-Aid 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 Total Award Amount: $154,000

OHIO

Greer-Short, Amara PhD
Program Type: Postdoctoral Fellowship 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 Total Award Amount: $104,060

OHIO

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

OHIO

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

OHIO

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

OHIO

Hickman, Dashawn BS
Program Type: Clinical Health Profession Student Training Program 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 Total Award Amount: $53,688

OHIO

Holowiecki, Andrew PhD
Program Type: Postdoctoral Fellowship Institution: Cincinnati Children's Hospital Medical Center City: Cincinnati Project Title: PBX4 ensures proper OFT development by regulating SHFP migration and
proliferation during cardiogenesis Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532

OHIO
Huang, Wei PhD, BSE
Program Type: Postdoctoral Fellowship 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 Total Award Amount: $114,368

OHIO
Janssen, Paul PhD
Program Type: Mentor-AHA Mentee Award Institution: The Ohio State University City: Columbus Project Title: Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $60,000

OHIO
Kanisicak, Onur PhD
Program Type: Career Development Award Institution: Cincinnati Children's Hospital Medical Center City: Cincinnati Project Title: Deactivating cardiac fibroblasts mediate reverse remodeling upon injury resolution Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

OHIO
Karch, Jason PhD, BA
Program Type: Scientist Development Grant 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 Total Award Amount: $231,000

OHIO
Karpurapu, Manjula PhD
Program Type: Scientist Development Grant Institution: The Ohio State University City: Columbus Project Title: NFATc3 regulation of sepsis induced pulmonary edema Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

OHIO
King, Samantha PhD
Program Type: Grant-in-Aid 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 endocarditis Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000
Ohio

Ko, Chih-Wei PhD
Program Type: Postdoctoral Fellowship Institution: University of Cincinnati City: Cincinnati Project Title: Apolipoprotein A-IV is important in the modulation of obesity and glucose tolerance in 129/SvJ mice Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $104,060

Kotagiri, Nalinikanth MBBS, PhD
Program Type: Innovative Project Award Institution: University of Cincinnati City: Cincinnati Project Title: Accurate and early noninvasive imaging of bacterial endocarditis Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $200,000

Kumar, Mohit MS
Program Type: Predoctoral Fellowship 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 Total Award Amount: $53,688

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

Li, Yutian BS, MS
Program Type: Predoctoral Fellowship Institution: University of Cincinnati City: Cincinnati Project Title: Role of Sectm1a in Diabetes-Induced Cardiac Dysfunction Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

Liang, Jialiang PhD
Program Type: Career Development Award Institution: University of Cincinnati City: Cincinnati Project Title: Conversion of fibroblasts into cardiovascular progenitors using CRISPR technology for heart regeneration Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

Liao, Xudong BS, PhD
Program Type: Transformational Project Award Institution: Case Western Reserve University City: Cleveland Project Title: Role of cardiac macrophage subsets in pressure overload hypertrophy and its
application in treatment of cardiomyopathy Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

OHIO
Lin, Simon MD, MBA
Program Type: Institute - Data Grant 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 Total Award Amount: $100,000

OHIO
Lin, Tracie BA, MD
Program Type: Institute - Uncovering New Patterns Fellowship Institution: University of Cincinnati City: Cincinnati Project Title: Critical Health Assessment & Outcomes Study for predicting acute sleep-disordered breathing (CHAOS-SDB) Award Start Date: 4/2/2018 Award End Date: 3/31/2020 Total Years: 2 Total Award Amount: $150,000

OHIO
Lincoln, Joy PhD
Program Type: Undergraduate fellowship Institution: Nationwide Children's Hospital City: Columbus Project Title: Nationwide Children's Hospital Summer Undergraduate Research Program Award Start Date: 2/1/2017 Award End Date: 1/31/2020 Total Years: 3 Total Award Amount: $60,000

OHIO
Liu, Jianmin BS, MS
Program Type: Career Development Award Institution: Cleveland Clinic Foundation City: Cleveland Project Title: Mechanistic investigation of kindlin-dependent integrin activation Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

OHIO
McCarthy, Cam BS, MS
Program Type: Postdoctoral Fellowship Institution: University of Toledo Health Science Campus City: Toledo Project Title: Decreased autophagy leads to proteotoxicity and senescence in hypertension-associated premature vascular aging Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532

OHIO
McCarthy, Michael PhD, MSW
Program Type: Mentored Clinical & Population Research Program 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 Total Award Amount: $153,134
OHIO
McCoy, Jason BS
Program Type: Predoctoral Fellowship Institution: University of Cincinnati City: Cincinnati Project Title: Growth Differentiation Factor 8 (GDF8) Antagonism by Growth Associated Serum Protein (GASP) Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

OHIO
McMillan, Amy PhD
Program Type: Postdoctoral Fellowship 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 Total Award Amount: $103,328

OHIO
McNamara, James BSC, PhD
Program Type: Postdoctoral Fellowship 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 Total Award Amount: $106,532

OHIO
Meng, Qinghang BS, MS
Program Type: Postdoctoral Fellowship 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 Total Award Amount: $106,532

OHIO
Mohan, Maradumane PhD
Program Type: Transformational Project Award Institution: Cleveland Clinic Foundation City: Cleveland Project Title: Kinase independent signaling of PI3Kgamma in cardiac fibrosis Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

OHIO
Nassal, Drew PhD
Program Type: Postdoctoral Fellowship Institution: The Ohio State University City: Columbus Project Title: Mechanisms of BIV-Spectrin Degradation and its Role in Myocardial Infarction Remodeling Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $104,060

OHIO
O’connor, Christine PhD
Program Type: Scientist Development Grant 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 Total Award Amount: $308,000
**Pablo, Navjotsingh PhD**
*Program Type:* Scientist Development Grant  
*Institution:* The Ohio State University  
*City:* Columbus  
*Project Title:* Targeting the CDK4/6-RB pathway in acute kidney injury  
*Award Start Date:* 1/1/2017  
*Award End Date:* 12/31/2019  
*Total Years:* 3  
*Total Award Amount:* $231,000

**Plow, Ela PhD, PT**
*Program Type:* Transformational Project Award  
*Institution:* Cleveland Clinic Foundation  
*City:* Cleveland  
*Project Title:* A Novel Approach for Brain Stimulation in Severe Stroke  
*Award Start Date:* 7/1/2018  
*Award End Date:* 6/30/2021  
*Total Years:* 3  
*Total Award Amount:* $300,000

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

**Raman, Subha MD**
*Program Type:* Collaborative Sciences Award  
*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  
*Total Award Amount:* $125,000

**Ramirez, Rolando PhD**
*Program Type:* AHA Institutional Research Enhancement Award (AIERA)  
*Institution:* University of Akron  
*City:* Akron  
*Project Title:* Increased VEGF Receptor 2 Expression to Improve Maternal Physiology and Fetal Outcomes in a Rat Model of Preeclampsia  
*Award Start Date:* 4/1/2018  
*Award End Date:* 3/31/2020  
*Total Years:* 2  
*Total Award Amount:* $154,000

**Reinhardt, James PhD**
*Program Type:* Postdoctoral Fellowship  
*Institution:* Nationwide Children's Hospital  
*City:* Columbus  
*Project Title:* Platelet Aggregation in Tissue Engineered Vascular Grafts: Mechanism and Contribution to Inflammation-Driven Stenosis  
*Award Start Date:* 7/1/2018  
*Award End Date:* 6/30/2020  
*Total Years:* 2  
*Total Award Amount:* $110,456

**Reinthal, M Ann PhD**
*Program Type:* Innovative Project Award  
*Institution:* Cleveland State University  
*City:* Cleveland  
*Project Title:* Balance training post stroke: Intense harnessed multidirectional gaming compared to reactive and
conventional protocols Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $195,446

OHIO
Robinet, Peggy PhD
Program Type: Scientist Development Grant Institution: Cleveland Clinic Foundation City: Cleveland Project Title: Regulation of autolysosome formation in foam cells Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $308,000

OHIO
Rubinstein, Jack MD
Program Type: Grant-in-Aid Institution: University of Cincinnati City: Cincinnati Project Title: TRPV2 agonism for improved cardiac function in patients with single ventricle physiology Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

OHIO
Sanagala, Neha Reddy BS
Program Type: Institute - AI and ML Training Grants Institution: University of Cincinnati City: Cincinnati Project Title: Critical Health Assessment & Outcomes Study/Score in the cardiovascular ICU (CHAOS-ICU) Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $100,000

OHIO
Sanchez, Juan BS, PhD
Program Type: Career Development Award Institution: Cincinnati Children's Hospital Medical Center City: Cincinnati Project Title: Developmental and molecular mechanisms of obesity. Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

OHIO
Schumacher, Jennifer BS, PhD
Program Type: Scientist Development Grant Institution: Cincinnati Children's Hospital Medical Center City: Cincinnati Project Title: The Role of Fibronectin/Integrin and BMP Signaling in Endocardial Morphogenesis and Differentiation Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

OHIO
Shah, Zahoor BS, MSc
Program Type: AHA Institutional Research Enhancement Award (AIREA) 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 Total Award Amount: $154,000
OHIO

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

OHIO

Shettigar, Vikram PhD, MS
Program Type: Postdoctoral Fellowship  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  Total Award Amount: $104,060

OHIO

Smith, Jonathan PhD
Program Type: Strategically Focused Research Network  Institution: Cleveland Clinic Foundation  City: Cleveland  Project Title: Gene-Aging-Metabolism Interaction in Atrial Fibrillation Pathogenesis  Award Start Date: 7/1/2018  Award End Date: 6/30/2022  Total Years: 4  Total Award Amount: $782,100

OHIO

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

OHIO

Song, Yuntao BS, MS
Program Type: Predoctoral Fellowship  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  Total Award Amount: $53,688

OHIO

Stanford, Kristin PhD
Program Type: Collaborative Sciences Award  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  Total Award Amount: $312,500

OHIO

Stephens, Olivia BS
Program Type: Predoctoral Fellowship  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  Total Award Amount: $53,688
OHIO
Sucosky, Philippe BS, MS
Program Type: Grant-in-Aid Institution: Wright State University, Dayton City: Dayton Project Title: IDENTIFICATION AND ASSESSMENT OF HEMODYNAMIC PREDICTORS OF BICUSPID AORTIC VALVE AORTOPATHY Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $153,997

OHIO
Suster, Michael PhD
Program Type: Grant-in-Aid 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 Total Award Amount: $153,248

OHIO
Sweeny, Elizabeth BS, PhD
Program Type: Postdoctoral Fellowship Institution: Cleveland Clinic Foundation City: Cleveland Project Title: Understanding the heme regulatory network controlling NOX5 heme insertion and activity Award Start Date: 7/1/2018 Award End Date: 6/30/2019 Total Years: 1 Total Award Amount: $54,316

OHIO
Urbina, Elaine MD, MS
Program Type: Strategically Focused Research Network Institution: Cincinnati Children's Hospital Medical Center City: Cincinnati Project Title: Cincinnati Children's Hospital Strategically Focused Hypertension Research Center Award Start Date: 4/1/2015 Award End Date: 3/31/2019 Total Years: 4 Total Award Amount: $800,800

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

OHIO
Van Wagoner, David PhD
Program Type: Strategically Focused Research Network Institution: Cleveland Clinic Foundation City: Cleveland Project Title: Multi-omic analysis of atrial metabolism, electrophysiology and AF progression Award Start Date: 7/1/2018 Award End Date: 6/30/2022 Total Years: 4 Total Award Amount: $782,100

OHIO
Vannatta, Kathryn PhD
Program Type: Grant-in-Aid 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  
**Total Award Amount:** $154,000

**OHIO**

**Vasireddi, Sunil BS, MD**  
**Program Type:** Clinical Scientist Training Program  
**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  
**Total Award Amount:** $114,368

**OHIO**

**Veeraraghavan, Rengasayee BS, PhD**  
**Program Type:** Scientist Development Grant  
**Institution:** The Ohio State University  
**City:** Columbus  
**Project Title:** Modulation of cardiomyocyte ultrastructure by vascular barrier function - a novel mechanism for atrial arrhythmias  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**OHIO**

**Viswanathan, Shiv Kumar PhD, BS**  
**Program Type:** Postdoctoral Fellowship  
**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  
**Total Award Amount:** $104,060

**OHIO**

**Wang, Jinju MS, PhD**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Wright State University, Dayton  
**City:** Dayton  
**Project Title:** The regulatory effect of exercise on circulating EPC-EXs and its implication in ischemic stroke  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $110,456

**OHIO**

**Weil, Zachary PhD, BS**  
**Program Type:** Grant-in-Aid  
**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  
**Total Award Amount:** $154,000

**OHIO**

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

**OHIO**

**Wold, Loren MS, PhD**
Program Type: Mentor-AHA Mentee Award Institution: The Ohio State University City: Columbus
Project Title: Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $45,000

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

OHIO
Yutzey, Katherine PhD
Program Type: Undergraduate fellowship Institution: Cincinnati Children's Hospital Medical Center City: Cincinnati
Project Title: Cincinnati Children's SURF program Award Start Date: 4/1/2018 Award End Date: 3/31/2021 Total Years: 3 Total Award Amount: $60,000

OHIO
Zhang, Mengxue MBBS, MS
Program Type: Predoctoral Fellowship 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 Total Award Amount: $53,688

OHIO
Zhong, Jixin MD, PhD
Program Type: Grant-in-Aid Institution: Case Western Reserve University City: Cleveland
Project Title: DPP4-ADA interaction as a metaflamatory target in atherosclerosis therapy Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

OHIO
Ziolo, Mark PhD
Program Type: Collaborative Sciences Award 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 Total Award Amount: $312,500

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

Jenkins, Nathaniel PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Oklahoma State University City: Stillwater Project Title: The Clinical Utility of Resistance Training for Improving Cardiovascular Disease Risk in Post-Menopausal Women Award Start Date: 4/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $153,933

OKLAHOMA

Lee, Chung-Hao PhD
Program Type: Scientist Development Grant Institution: University of Oklahoma City: Norman Project Title: Computer-assisted management and treatment of functional tricuspid regurgitation Award Start Date: 1/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: $307,049

OKLAHOMA

Medley, Shayna BS
Program Type: Predoctoral Fellowship 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 Total Award Amount: $53,688

OKLAHOMA

Shao, Bojing BS, MS
Program Type: Career Development Award Institution: Oklahoma Medical Research Foundation City: Oklahoma City Project Title: Roles of Myeloid Cell Talin1 in Atherosclerosis Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

OKLAHOMA

Tarantini, Stefano BS, PhD
Program Type: Postdoctoral Fellowship 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 Total Award Amount: $103,328

OREGON

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

OREGON

Aslan, Joseph PhD
Program Type: Scientist Development Grant Institution: Oregon Health & Science University, Portland City: Portland Project Title: Rho GTPase regulation of cytoskeletal dynamics and platelet function Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $230,999
OREGON

**Back, Stephen MD, PhD**

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

OREGON

**Balzer, Connor BS**

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

OREGON

**Broberg, Craig MD**

**Program Type:** Grant-in-Aid  
**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  
**Total Award Amount:** $153,987

OREGON

**Brown, Eran BS**

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

OREGON

**Ferdaus, Mohammed BS, MS**

**Program Type:** Postdoctoral Fellowship  
**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  
**Total Award Amount:** $106,532

OREGON

**Ferencik, Maros PhD, MD**

**Program Type:** Innovative Project Award  
**Institution:** Oregon Health & Science University, Portland  
**City:** Portland  
**Project Title:** Coronary plaque burden, metabolomics and lipidomics abnormalities in subjects with epigenetic regulatory gene mutations  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $199,904

OREGON

**Halliwill, John PhD**

**Program Type:** Grant-in-Aid  
**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 Total Award Amount: $154,000

OREGON
Lovering, Andrew PhD
Program Type: Grant-in-Aid Institution: University of Oregon, Eugene City: Eugene Project Title: Does patent foramen ovale closure improve exercise capacity & prevent blood flow through intrapulmonary shunt? Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

OREGON
McCarty, Owen BS, PhD
Program Type: Undergraduate fellowship Institution: Oregon Health & Science University, Portland City: Portland Project Title: OHSU AHA Undergraduate Student Fellowship Award Start Date: 4/1/2018 Award End Date: 3/31/2021 Total Years: 3 Total Award Amount: $36,000

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

OREGON
Offner, Halina MSc, DMSc
Program Type: Grant-in-Aid Institution: Oregon Health & Science University, Portland City: Portland Project Title: Effect of anti-PDL1/PDL2 antibodies in experimental stroke Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

OREGON
Perundurai, Dhandapany BSC, MSc
Program Type: Scientist Development Grant Institution: Oregon Health & Science University, Portland City: Portland Project Title: Targeting the RAS-MAPK pathway using polypharmacological approach for pediatric cardiomyopathy Award Start Date: 1/1/2015 Award End Date: 12/31/2018 Total Years: 4 Total Award Amount: $307,996

OREGON
Rawlings, Andreea PhD
Program Type: Institute - Uncovering New Patterns Fellowship Institution: Oregon State University City: Corvallis Project Title: Heterogeneous treatment effects in blood pressure and glucose interventions Award Start Date: 4/2/2018 Award End Date: 3/31/2020 Total Years: 2 Total Award Amount: $150,000
OREGON

**Stecker, Eric MD**

**Program Type:** Grant-in-Aid  
**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  
**Total Award Amount:** $152,408

OREGON

**Tavori, Hagai BSC, MSc**

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

OREGON

**Tereshchenko, Larisa MD, PhD**

**Program Type:** Grant-in-Aid  
**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  
**Total Award Amount:** $154,000

PENNSYLVANIA

**Al Ghouleh, Imad BSC, BA**

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

PENNSYLVANIA

**Autieri, Michael PhD**

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

PENNSYLVANIA

**Barber, Sharrelle ScD**

**Program Type:** Scientist Development Grant  
**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  
**Total Award Amount:** $231,000

PENNSYLVANIA

**Barone Gibbs, Bethany PhD**

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

Betley, John Nicholas PhD
Program Type: Scientist Development Grant Institution: University of Pennsylvania City: Philadelphia Project Title: Identifying the neural circuits that inhibit weight loss Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

PENNSYLVANIA

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

PENNSYLVANIA

Boerckel, Joel PhD
Program Type: Scientist Development Grant Institution: University of Pennsylvania City: Philadelphia Project Title: Mechanical Control of Therapeutic Vasculogenesis for Peripheral Ischemia Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

PENNSYLVANIA

Bruemmer, Dennis MD, PhD
Program Type: Innovative Project Award Institution: University of Pittsburgh City: Pittsburgh Project Title: Mobile DNA in Atherosclerosis Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $200,000

PENNSYLVANIA

Burdick, Jason BS, PhD
Program Type: Established Investigator Award Institution: University of Pennsylvania City: Philadelphia Project Title: Engineered Hydrogels for Catheter Delivery to Infarcted Myocardium Award Start Date: 1/1/2014 Award End Date: 12/31/2018 Total Years: 5 Total Award Amount: $400,000

PENNSYLVANIA

Caporizzo, Matthew PhD
Program Type: Postdoctoral Fellowship Institution: University of Pennsylvania City: Philadelphia Project Title: Isolating the role of the detyrosinated microtubule cytoskeleton in cardiomyocyte mechanotransduction Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $102,550

PENNSYLVANIA

Carvalho, Edmund PhD
Program Type: Postdoctoral Fellowship Institution: Temple University City: Philadelphia Project Title: Genome-wide CRISPR KO screen identified S100Z as a molecular link for Ca2+ overload-induced cell
death. **Award Start Date**: 7/1/2018  **Award End Date**: 6/30/2020  **Total Years**: 2  **Total Award Amount**: $106,532

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

**PENNSYLVANIA**  
**Chan, Stephen PhD, MD**  
**Program Type**: Established Investigator Award  
**Institution**: University of Pittsburgh  
**City**: Pittsburgh  
**Project Title**: Defining the systems biology of the vascular matrix in pulmonary hypertension  
**Award Start Date**: 1/1/2018  
**Award End Date**: 12/31/2022  
**Total Years**: 5  
**Total Award Amount**: $400,000

**PENNSYLVANIA**  
**Chen, Gang MD, PhD**  
**Program Type**: Postdoctoral Fellowship  
**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  
**Total Award Amount**: $106,532

**PENNSYLVANIA**  
**Cheng, Zhongjian MS, PhD**  
**Program Type**: Grant-in-Aid  
**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  
**Total Award Amount**: $154,000

**PENNSYLVANIA**  
**Chiba, Takuto PhD**  
**Program Type**: Postdoctoral Fellowship  
**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  
**Total Award Amount**: $104,060

**PENNSYLVANIA**  
**Clyne, Alisa PhD, BS**  
**Program Type**: Grant-in-Aid  
**Institution**: Drexel University  
**City**: Philadelphia  
**Project Title**: Impaired endothelial cell mechanosensing and metabolism in pulmonary arterial hypertension  
**Award Start Date**: 1/1/2017  
**Award End Date**: 12/31/2018  
**Total Years**: 2  
**Total Award Amount**: $154,000

**PENNSYLVANIA**  
**Cockburn, Darrell BSC, PhD**
Program Type: Scientist Development Grant  
Institution: Pennsylvania State University, University Park  
City: University Park  
Project Title: Developing resistant starch as an individualized intervention to prevent cardiovascular disease  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2019  
Total Years: 3  
Total Award Amount: $231,000

PENNSYLVANIA
Coleman, Ryan BS  
Program Type: Predoctoral Fellowship  
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  
Total Award Amount: $53,688

PENNSYLVANIA
Cook, Keith PhD  
Program Type: Undergraduate fellowship  
Institution: Carnegie Mellon University  
City: Pittsburgh  
Project Title: Carnegie Heart Summer Undergraduate Research Program  
Award Start Date: 2/1/2017  
Award End Date: 1/31/2020  
Total Years: 3  
Total Award Amount: $60,000

PENNSYLVANIA
Corti, Paola PhD  
Program Type: Career Development Award  
Institution: University of Pittsburgh  
City: Pittsburgh  
Project Title: Cytoglobin 2 signals in primary cilia and contributes to normal cardiac development.  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $231,000

PENNSYLVANIA
de Lucia, Claudio MD  
Program Type: Postdoctoral Fellowship  
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  
Total Award Amount: $106,532

PENNSYLVANIA
Dezfulian, Cameron MD  
Program Type: Undergraduate fellowship  
Institution: University of Pittsburgh  
City: Pittsburgh  
Project Title: GRA Summer 2016 Undergraduate Student Research Program  
Award Start Date: 2/1/2017  
Award End Date: 1/31/2020  
Total Years: 3  
Total Award Amount: $60,000

PENNSYLVANIA
Emerel, Leonid MD, BA  
Program Type: Clinical Scientist Training Program  
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  
Total Award Amount: $114,368
<table>
<thead>
<tr>
<th>State</th>
<th>Name</th>
<th>Program Type</th>
<th>Institution</th>
<th>City</th>
<th>Project Title</th>
<th>Award Start Date</th>
<th>Award End Date</th>
<th>Total Years</th>
<th>Total Award Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA</td>
<td>Fan, Yi PhD, MD</td>
<td>Innovative Project Award</td>
<td>University of Pennsylvania</td>
<td>Philadelphia</td>
<td>Endothelial transformation drives non-productive neovascularization after myocardial infarction</td>
<td>7/1/2018</td>
<td>6/30/2020</td>
<td>2</td>
<td>$200,000</td>
</tr>
<tr>
<td>PA</td>
<td>Fang, Pu PhD</td>
<td>Scientist Development Grant</td>
<td>Temple University</td>
<td>Philadelphia</td>
<td>Inflammatory monocyte differentiation in type 2 diabetes mellitus</td>
<td>7/1/2017</td>
<td>6/30/2020</td>
<td>3</td>
<td>$231,000</td>
</tr>
<tr>
<td>PA</td>
<td>Feng, Ning MD, PhD</td>
<td>Innovative Project Award</td>
<td>University of Pittsburgh</td>
<td>Pittsburgh</td>
<td>The impact of TET proteins mediated active DNA demethylation on heart failure development</td>
<td>7/1/2018</td>
<td>6/30/2020</td>
<td>2</td>
<td>$200,000</td>
</tr>
<tr>
<td>PA</td>
<td>Fishbein, Ilia PhD, MD</td>
<td>Grant-in-Aid</td>
<td>The Children's Hospital of Philadelphia</td>
<td>Philadelphia</td>
<td>Induction of prohealing macrophage phenotype with stent-eluted gene vectors for the prevention of restenosis</td>
<td>1/1/2017</td>
<td>12/31/2018</td>
<td>2</td>
<td>$154,000</td>
</tr>
<tr>
<td>PA</td>
<td>Fitzgerald, Garret MD, MS</td>
<td>Merit Award</td>
<td>University of Pennsylvania</td>
<td>Philadelphia</td>
<td>Non-dipping Hypertension and the Human Chronobiome</td>
<td>7/1/2017</td>
<td>6/30/2022</td>
<td>5</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>PA</td>
<td>Forde, Allana BA, MPH</td>
<td>Postdoctoral Fellowship</td>
<td>Drexel University</td>
<td>Philadelphia</td>
<td>Discrimination and Hypertension among Participants in the Jackson Heart Study and Multi-Ethnic Study of Atherosclerosis</td>
<td>7/1/2018</td>
<td>6/30/2020</td>
<td>2</td>
<td>$104,060</td>
</tr>
<tr>
<td>PA</td>
<td>Fox, Carson MS, BS</td>
<td>Predoctoral Fellowship</td>
<td>Drexel University</td>
<td>Philadelphia</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Continuous Flow Pediatric Artificial Heart **Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $53,688

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

**PENNSYLVANIA**  
**Garikipati, Venkata PhD, MSc**  
**Program Type:** Career Development Award  
**Institution:** Temple University  
**City:** Philadelphia  
**Project Title:** Role of CircRNAs in Ischemic Tissue Repair and Regeneration  
**Award Start Date:** 7/1/2018  
**Award End Date:** 7/30/2021  
**Total Years:** 3  
**Total Award Amount:** $231,000

**PENNSYLVANIA**  
**Gomez, Delphine BS, MSc**  
**Program Type:** Scientist Development Grant  
**Institution:** University of Pittsburgh  
**City:** Pittsburgh  
**Project Title:** Epigenetic control of Vascular Smooth Muscle cell Lineage Memory  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2019  
**Total Years:** 4  
**Total Award Amount:** $308,000

**PENNSYLVANIA**  
**Gong, Yanqing PhD**  
**Program Type:** Grant-in-Aid  
**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  
**Total Award Amount:** $154,000

**PENNSYLVANIA**  
**Goukassian, David MD, PhD**  
**Program Type:** Grant-in-Aid  
**Institution:** Temple University  
**City:** Philadelphia  
**Project Title:** TNF-TNFR1 signaling inhibition for stem cell-based myocardial repair and regeneration  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

**PENNSYLVANIA**  
**Grisanti, Laurel BA, PhD**  
**Program Type:** Scientist Development Grant  
**Institution:** Temple University  
**City:** Philadelphia  
**Project Title:** Beta-Adrenergic Receptor Regulation of Inflammation in the Damaged Heart  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**PENNSYLVANIA**  
**Han, Lu PhD**  
**Program Type:** Career Development Award  
**Institution:** University of Pittsburgh  
**City:** Pittsburgh  
**Project Title:**
**Title:** LMNB2 determines heart muscle cell regeneration and protection through telomere-length homeostasis  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $231,000

**PENNSYLVANIA**  
**Hao, Wenrui PhD**  
**Program Type:** Scientist Development Grant  
**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  
**Total Award Amount:** $231,000

**PENNSYLVANIA**  
**Hatcher, Cathy BS, PhD**  
**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**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  
**Total Award Amount:** $154,000

**PENNSYLVANIA**  
**Herman, Allison**  
**Program Type:** Predoctoral Fellowship  
**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  
**Total Award Amount:** $53,688

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

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

**PENNSYLVANIA**  
**Hubel, Carl PhD**  
**Program Type:** Strategically Focused Research Network  
**Institution:** Magee-Womens Research Institute and Foundation  
**City:** Pittsburgh  
**Project Title:** Women's Cardiovascular Health and Microvascular Mechanisms: Novel Insights from Pregnancy  
**Award Start Date:** 4/1/2016  
**Award End Date:** 3/31/2020  
**Total Years:** 4  
**Total Award Amount:** $590,870
Hubel, Carl PhD
Program Type: Strategically Focused Research Network
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
Total Award Amount: $1,070,545

Jiang, Xiaoyan MD, PhD
Program Type: Postdoctoral Fellowship
Institution: University of Pittsburgh
City: Pittsburgh
Project Title: Therapies to enhance DNA repair and long-term outcomes in a mouse cerebral ischemia model
Award Start Date: 7/1/2018
Award End Date: 6/30/2020
Total Years: 2
Total Award Amount: $103,328

Kainerstorfer, Jana PhD
Program Type: Scientist Development Grant
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
Total Award Amount: $231,000

Kaufman, Brett PhD
Program Type: Transformational Project Award
Institution: University of Pittsburgh
City: Pittsburgh
Project Title: Young at heart: How mitochondrial genome preservation promotes resilience against aging and heart attack-induced heart f
Award Start Date: 7/1/2018
Award End Date: 6/30/2021
Total Years: 3
Total Award Amount: $300,000

Khan, Mohsin
Program Type: Scientist Development Grant
Institution: Temple University
City: Philadelphia
Project Title: Pluripotent stem cell exosome therapy for myocardial repair
Award End Date: 12/31/2018
Total Years: 4
Total Award Amount: $308,000

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

Koch, Walter PhD
Program Type: Merit Award
Institution: Temple University
City: Philadelphia
Project Title: Decoding
Novel Communication from Heart to Fat  
**Award Start Date:** 4/1/2018  **Award End Date:** 3/31/2023  **Total Years:** 5  **Total Award Amount:** $1,000,000

**PENNSYLVANIA**

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

**PENNSYLVANIA**

**Kuroki, Marcos BS, MD, PhD**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Pennsylvania State University, Hershey  
**City:** Hershey  
**Project Title:** The Cardiovascular Impact of Aortic Stent Graft Placement for the Repair of Aortic Aneurysms  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $110,456

**PENNSYLVANIA**

**Ky, Bonnie MD**  
**Program Type:** Institute - Uncovering New Patterns Grant  
**Institution:** University of Pennsylvania  
**City:** Philadelphia  
**Project Title:** Discovering New Imaging Patterns of Cancer Therapy Cardiotoxicity  
**Award Start Date:** 4/2/2018  
**Award End Date:** 3/31/2019  
**Total Years:** 1  
**Total Award Amount:** $149,849

**PENNSYLVANIA**

**Kyriazis, Ioannis BS, PhD**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Temple University  
**City:** Philadelphia  
**Project Title:** Role of KLF5 and mitochondrial calcium in cardiac aging  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $114,368

**PENNSYLVANIA**

**Lai, Yen-Chun Charly PhD**  
**Program Type:** Scientist Development Grant  
**Institution:** University of Pittsburgh  
**City:** Pittsburgh  
**Project Title:** Defining the role of Skeletal Muscle SIRT3 in modulation of PH-HFpEF  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**PENNSYLVANIA**

**Lambert, Jonathan BS**  
**Program Type:** Predoctoral Fellowship  
**Institution:** Temple University  
**City:** Philadelphia  
**Project Title:** Defining the molecular function of MCUb and contribution to cardiac physiology  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $51,900

**PENNSYLVANIA**

**Li, Yao PhD**
Program Type: Postdoctoral Fellowship  
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  
Total Award Amount: $104,060

Pennsylvania

Lin, Jiuann-Huey PhD, MD  
Program Type: Scientist Development Grant  
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  
Total Award Amount: $231,000

Pennsylvania

Liu, Yuan PhD  
Program Type: Scientist Development Grant  
Institution: University of Pittsburgh  
City: Pittsburgh  
Project Title: Regulation of Mitochondrial Function in Lung Injury  
Award Start Date: 1/1/2016  
Award End Date: 12/31/2019  
Total Years: 4  
Total Award Amount: $308,000

Pennsylvania

Liverani, Elisabetta BSC, PhD  
Program Type: Scientist Development Grant  
Institution: Temple University  
City: Philadelphia  
Project Title: The role of activated platelets and P2Y12 receptor in sepsis  
Award Start Date: 1/1/2016  
Award End Date: 6/30/2020  
Total Years: 4  
Total Award Amount: $308,000

Pennsylvania

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

Pennsylvania

Mangold, Colleen PhD, MBA  
Program Type: Postdoctoral Fellowship  
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  
Total Award Amount: $98,950

Pennsylvania

Manning, Keefe PhD, MS  
Program Type: Undergraduate fellowship  
Institution: Pennsylvania State University, University Park  
City: University Park  
Project Title: Penn State Summer Translational Cardiovascular Sciences Institute (STCSI)  
Award Start Date: 4/1/2018  
Award End Date: 3/31/2021  
Total Years: 3  
Total Award Amount: $60,000
PENNSYLVANIA

Martinez-Lozada, Zila BS, MSc
Program Type: Postdoctoral Fellowship 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: 8/30/2019 Total Years: 2 Total Award Amount: $104,060

PENNSYLVANIA

Miller, Amanda BA, PhD
Program Type: Postdoctoral Fellowship Institution: Pennsylvania State University, Hershey City: Hershey Project Title: Cardiovascular Effects of Angiotensin-(1-7) in Obesity Hypertension Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $103,328

PENNSYLVANIA

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

PENNSYLVANIA

Mourkioti, Foteini PhD, BA
Program Type: Grant-in-Aid 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 Total Award Amount: $154,000

PENNSYLVANIA

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

PENNSYLVANIA

Okubo, Masashi MD
Program Type: Career Development Award Institution: University of Pittsburgh City: Pittsburgh Project Title: The features of high-performing emergency-medical-services agencies on out-of-hospital cardiac arrest Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

PENNSYLVANIA

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

PENNSYLVANIA
Osei Owusu, Patrick BS, PhD
Program Type: Scientist Development Grant Institution: Drexel University City: Philadelphia Project Title: Myogenic Tone Regulation by RGS2 Award Start Date: 1/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: $308,000

PENNSYLVANIA
Pagano, Patrick PhD
Program Type: Transformational Project Award Institution: University of Pittsburgh City: Pittsburgh Project Title: Progressive degenerative role of Nox and thrombospondin-1 in the aging vasculature Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

PENNSYLVANIA
Patel, Pravin BA
Program Type: Predoctoral Fellowship Institution: Thomas Jefferson University City: Philadelphia Project Title: ASK1 is a novel regulator of heparin-induced thrombocytopenia and thrombosis Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

PENNSYLVANIA
Pedersen, Drake BS
Program Type: Predoctoral Fellowship 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 Total Award Amount: $53,688

PENNSYLVANIA
Ponnalagu, Devasena PhD
Program Type: Postdoctoral Fellowship 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 Total Award Amount: $110,456

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

Pu, Hongjian MD, PhD
Program Type: Postdoctoral Fellowship Institution: University of Pittsburgh City: Pittsburgh Project Title: Molecular therapeutics 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 Total Award Amount: $110,456

PENNSYLVANIA

Rader, Daniel BA, MD
Program Type: Institute - Grand Challenge Grant Institution: University of Pennsylvania City: Philadelphia Project Title: Interrogation of the plasma proteome for the development of new biomarkers and therapeutic targets for CVD Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $1,000,000

PENNSYLVANIA

Radice, Glenn PhD
Program Type: Grant-in-Aid Institution: Thomas Jefferson University City: Philadelphia Project Title: Alpha-Catenins in Mechanochemical Signaling Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

PENNSYLVANIA

Rauova, Lubica MD, PhD
Program Type: Grant-in-Aid Institution: The Children’s Hospital of Philadelphia City: Philadelphia Project Title: Effect of synthetic cationic inhibitors on pathogenesis of HIT Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

PENNSYLVANIA

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

PENNSYLVANIA

Roh, Jinsook PhD
Program Type: Scientist Development Grant 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 Total Award Amount: $231,000

PENNSYLVANIA

Sabri, Abdelkarim PhD
Program Type: Grant-in-Aid 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 Total Award Amount: $154,000
PENNSYLVANIA

**Sato, Priscila PhD**

Program Type: Scientist Development Grant  
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  
Total Award Amount: $231,000

PENNSYLVANIA

**Schopfer, Francisco PhD**

Program Type: Grant-in-Aid  
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  
Total Award Amount: $154,000

PENNSYLVANIA

**Shi, Yejie MD, PhD**

Program Type: Scientist Development Grant  
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  
Total Award Amount: $231,000

PENNSYLVANIA

**Song, Shanshan MD**

Program Type: Postdoctoral Fellowship  
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  
Total Award Amount: $98,950

PENNSYLVANIA

**Stevenson, James PharMD, MS**

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

PENNSYLVANIA

**Sukumar, Deeptha PhD**

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

PENNSYLVANIA

**Sun, Jianxin PhD, MSc**

Program Type: Established Investigator Award  
Institution: Thomas Jefferson University  
City: Philadelphia

City:
Philadelphia Project Title: Role of PCMT1 in Cardiac Ageing Award Start Date: 1/1/2016 Award End Date: 12/31/2020 Total Years: 5 Total Award Amount: $400,000

PENNSYLVANIA
Sundd, Prithu PhD, BS
Program Type: Transformational Project Award Institution: University of Pittsburgh City: Pittsburgh Project Title: Mechanism of platelet extracellular vesicle-mediated vaso-occlusion in Sickle Cell Disease Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $299,994

PENNSYLVANIA
Talwar, Shefali PhD
Program Type: Postdoctoral Fellowship Institution: University of Pennsylvania City: Philadelphia Project Title: Mechanical Regulation of Phenotypic switching in Vascular smooth muscle cells. Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532

PENNSYLVANIA
Tembo, Maiwase BA
Program Type: Predoctoral Fellowship Institution: University of Pittsburgh City: Pittsburgh Project Title: Characterizing PIP2’s regulation of TMEM16a Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

PENNSYLVANIA
Thapa, Dharendra AS, BS
Program Type: Postdoctoral Fellowship 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 Total Award Amount: $106,532

PENNSYLVANIA
Tomar, Dhanendra PhD, MS
Program Type: Postdoctoral Fellowship 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 Total Award Amount: $106,532

PENNSYLVANIA
Vitali, Cecilia PharMD, PhD
Program Type: Postdoctoral Fellowship Institution: University of Pennsylvania City: Philadelphia Project Title: Mining the pleiotropic cardioprotective roles of Endothelial Lipase in the etiology of Metabolic Syndrome Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532
PENNSYLVANIA

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

PENNSYLVANIA

Wagner, Amy MD
Program Type: Transformational Project Award Institution: University of Pittsburgh City: Pittsburgh Project Title: Dopamine Systems and Rehabilitation Treatments for Improving Neurorecovery among Cardiac Arrest Survivors Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

PENNSYLVANIA

Wang, Wenshan BS, PhD
Program Type: Career Development Award Institution: University of Pennsylvania City: Philadelphia Project Title: Impact of ketone metabolism on beige fat development and cardiovascular disease risk. Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

PENNSYLVANIA

Wang, Xiao PhD
Program Type: Postdoctoral Fellowship 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 Total Award Amount: $114,368

PENNSYLVANIA

Wedegaertner, Philip PhD
Program Type: Grant-in-Aid Institution: Thomas Jefferson University City: Philadelphia Project Title: Mechanisms of localization and trafficking of GRK5 and GRK6 Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

PENNSYLVANIA

Woodman, Andrew BSC, PhD
Program Type: Postdoctoral Fellowship Institution: Pennsylvania State University, University Park City: University Park Project Title: Virus persistence and myocarditis: Dissecting the role of host and virus using a single-cell virology platform Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532

PENNSYLVANIA

Wu, Yijen PhD
Program Type: Career Development Award Institution: University of Pittsburgh City: Pittsburgh Project Title: Multi-modal Imaging Investigation of Cardio-Neural Development in a Mouse Model with
Hypoplastic Left Heart Syndrome **Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2021  **Total Years:** 3  **Total Award Amount:** $231,000

**PENNSYLVANIA**  
**Xu, Xinxiu PhD**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** University of Pittsburgh  
**City:** Pittsburgh  
**Project Title:** Intrinsic cardiomyocyte defects in the pathogenesis of hyoplastic left heart syndrome  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $114,368

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

**PENNSYLVANIA**  
**Yengo, Chris PhD**  
**Program Type:** Undergraduate fellowship  
**Institution:** Pennsylvania State University, Hershey  
**City:** Hershey  
**Project Title:** Penn State Hershey Undergraduate Student Fellowship Program in Cardiovascular Disease  
**Award Start Date:** 4/1/2018  
**Award End Date:** 3/31/2021  
**Total Years:** 3  
**Total Award Amount:** $60,000

**PENNSYLVANIA**  
**Yu, Jun MD**  
**Program Type:** Established Investigator Award  
**Institution:** Temple University  
**City:** Philadelphia  
**Project Title:** Novel role of dual-specificity phosphatase 10 in cardiovascular disease  
**Award Start Date:** 1/1/2018  
**Award End Date:** 12/31/2022  
**Total Years:** 5  
**Total Award Amount:** $400,000

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

**PENNSYLVANIA**  
**Zahid, Maliha MBBS, PhD**  
**Program Type:** Scientist Development Grant  
**Institution:** University of Pittsburgh  
**City:** Pittsburgh  
**Project Title:** Targeting the Heart Utilizing a Novel Cell Penetrating Peptide  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**PENNSYLVANIA**  
**Zhang, Cheng PhD**
**Program Type:** Postdoctoral Fellowship  
**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  
**Total Award Amount:** $106,532

**PENNSYLVANIA**

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

**PENNSYLVANIA**

**Zhu, Lin PhD, MA**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Temple University  
**City:** Philadelphia  
**Project Title:** The Prevalence, Risk Factors, and Components Patterns of Metabolic Syndrome in Asian Americans  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $104,060

**RHODE ISLAND**

**Hamilton, Shanna BSC, PhD**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Rhode Island Hospital  
**City:** Providence  
**Project Title:** A novel strategy to treat malignant arrhythmia in cardiac and metabolic disease using CRISPR/Cpf1 genome editing  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $103,328

**RHODE ISLAND**

**Kalifa, Jerome BS, MD**  
**Program Type:** Grant-in-Aid  
**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  
**Total Award Amount:** $154,000

**RHODE ISLAND**

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

**RHODE ISLAND**

**Liang, Olin PhD**  
**Program Type:** Transformational Project Award  
**Institution:** Rhode Island Hospital  
**City:** Providence  
**Project Title:** The role of endothelial to hematopoietic transition in the pathogenesis of pulmonary hypertension  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $300,000
RHODE ISLAND

Liu, Simin MD, MS
Program Type: Institute - Uncovering New Patterns Grant Institution: Brown University City: Providence
Project Title: Uncovering patterns of gene-diet interaction for cardiometabolic health Award Start Date: 4/2/2018 Award End Date: 3/31/2019 Total Years: 1 Total Award Amount: $149,999

RHODE ISLAND

O-Uchi, Jin MD, PhD
Program Type: Scientist Development Grant Institution: Rhode Island Hospital City: Providence Project Title: Role of mitochondrial RyR1 in cardiac arrhythmia and sudden cardiac death Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

RHODE ISLAND

Yaghi, Shadi MD
Program Type: Mentored Clinical & Population Research Program 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 Total Award Amount: $122,526