American Heart Association
Awardees in Alpha Order by State
Last Update: August 2018

GEORGIA • HAWAII • IDAHO • ILLINOIS • INDIANA • IOWA • KANSAS • KENTUCKY • LOUISIANA • MAINE • MARYLAND • MASSACHUSETTS

GEORGIA
Abdelsaid, Mohammed BA, MS
Program Type: Scientist Development Grant Institution: Mercer University School of Medicine City: Savannah Project Title: Role of pericytes in diabetes-induced pathological cerebral neovascularization. Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

GEORGIA
Al Badri, Ahmed MD
Program Type: Postdoctoral Fellowship Institution: Emory University, Atlanta City: Atlanta Project Title: Peripheral Vascular Function and Structure in Coronary Microvascular Dysfunction Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $118,628

GEORGIA
Alonso, Alvaro MD, MPH
Program Type: Established Investigator Award Institution: Emory University, Atlanta City: Atlanta Project Title: Atrial fibrillation: epidemiology, prevention, and outcomes Award Start Date: 1/1/2016 Award End Date: 12/31/2020 Total Years: 5 Total Award Amount: $400,000

GEORGIA
Aonuma, Tatsuya MD, PhD
Program Type: Postdoctoral Fellowship Institution: Augusta University City: Augusta Project Title: The axis of long noncoding RNA MIAT and microRNA-150 in acute myocardial infarction Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532

GEORGIA
Ash, Dipankar PhD
Program Type: Postdoctoral Fellowship Institution: Augusta University City: Augusta Project Title: Cu transporter ATP7A promotes angiogenesis by limiting autophagic degradation of VEGFR2 Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $104,060
GEORGIA

Atawia, Reem BS, MS
Program Type: Predoctoral Fellowship Institution: Augusta University City: Augusta Project Title: Role of arginase in obesity-induced vascular endothelial and adipocyte dysfunction Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $53,688

GEORGIA

Bae, Seongho PhD, MS
Program Type: Postdoctoral Fellowship Institution: Emory University, Atlanta City: Atlanta Project Title: Cardiac repair by enhanced vascularization with ETV2 Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $114,368

GEORGIA

Bagi, Zsolt PhD, MD
Program Type: Grant-in-Aid Institution: Augusta University City: Augusta Project Title: Adenosine kinase regulation of conducted vasodilation Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

GEORGIA

Baltrus, Peter
Program Type: Strategically Focused Research Network Institution: Morehouse School of Medicine City: Atlanta Project Title: Population Project: Social and Environmental Factors contributing to Cardiovascular Risk and Resilience among Blacks Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $681,367

GEORGIA

Barany, Deborah BA, MA
Program Type: Postdoctoral Fellowship Institution: University of Georgia City: Augusta Project Title: Abnormally High Activation in Motor Cortex after Stroke: Reorganization or Increased Motor Demand? Award Start Date: 7/1/2018 Award End Date: 7/30/2020 Total Years: 2 Total Award Amount: $106,532

GEORGIA

Butcher, Joshua PhD, MS
Program Type: Postdoctoral Fellowship Institution: Augusta University City: Augusta Project Title: Augmented Muscle Mass Prevents Obesity-Derived Hypertension Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $106,350

GEORGIA

Cui, Xiaobing MD, PhD
Program Type: Scientist Development Grant Institution: University of Georgia, Athens City: Athens
**Project Title:** Response gene to complement 32 in pulmonary arterial hypertension  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**GEORGIA**  
**Czikora, Istvan PhD, MSc**  
**Program Type:** Scientist Development Grant  
**Institution:** Augusta University  
**City:** Augusta  
**Project Title:** Direct ENaC activation preserves capillary barrier function in pneumonia  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2020  
**Total Years:** 3  
**Total Award Amount:** $231,000

**GEORGIA**  
**Davila, Alec BS**  
**Program Type:** Predoctoral Fellowship  
**Institution:** Augusta University  
**City:** Augusta  
**Project Title:** Impaired conducted vasodilation in HFpEF  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 3  
**Total Award Amount:** $53,688

**GEORGIA**  
**Dedhia, Raj MD, MS**  
**Program Type:** Scientist Development Grant  
**Institution:** Emory University, Atlanta  
**City:** Atlanta  
**Project Title:** Hypoglossal Nerve Stimulation for Obstructive Sleep Apnea on Sympathetic Activity  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2020  
**Total Years:** 3  
**Total Award Amount:** $231,000

**GEORGIA**  
**Dhandapani, Krishnan BS, MS**  
**Program Type:** Grant-in-Aid  
**Institution:** Augusta University  
**City:** Augusta  
**Project Title:** Astrocyte mediated hematoma resolution after ICH  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

**GEORGIA**  
**Easley, Thomas BS, MS**  
**Program Type:** Predoctoral Fellowship  
**Institution:** Georgia Tech Research Corporation  
**City:** Atlanta  
**Project Title:** Quantification of Mitral Valve-In-Ring Performance and Safety  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $53,688

**GEORGIA**  
**Espinosa-Garcia, Claudia BSC, MSc**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Emory University, Atlanta  
**City:** Atlanta  
**Project Title:** Microglial polarization and BDNF signaling: New targets for progesterone against global cerebral ischemia  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $106,532
GEORGIA

Fernandez Esmerats, Joan BS, MS
Program Type: Predoctoral Fellowship Institution: Georgia Tech Research Corporation City: Atlanta Project Title: Role of miR-1237-3p in aortic valve disease Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $53,688

GEORGIA

Florentin, Anat BSC, MSc
Program Type: Postdoctoral Fellowship Institution: University of Georgia, Athens City: Athens Project Title: The Function of the Bacterial Clp Complex in the Apicoplast of Malaria Parasites Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $114,368

GEORGIA

Fouda, Abdelrahman BSC, PhD
Program Type: Postdoctoral Fellowship Institution: Augusta University City: Augusta Project Title: Role of arginase 1 in retinal ischemia-reperfusion injury Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $110,456

GEORGIA

Garber, Michael MPH, BA
Program Type: Predoctoral Fellowship Institution: Emory University, Atlanta City: Atlanta Project Title: Evaluating the effect of bike infrastructure on population-level cycling in Atlanta using smartphone-generated data Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

GEORGIA

Gillis, Ellen MS, PhD
Program Type: Postdoctoral Fellowship Institution: Augusta University City: Augusta Project Title: Sex differences in renal Treg recruitment and maintenance in SHR Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532

GEORGIA

Han, Pengcheng PhD
Program Type: Postdoctoral Fellowship Institution: Emory University, Atlanta City: Atlanta Project Title: Deriving left ventricular cardiomyocytes from human induced pluripotent stem cells Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $110,456

GEORGIA

Hernandes, Marina PhD
Program Type: Scientist Development Grant Institution: Emory University, Atlanta City: Atlanta Project
**Title:** Polymerase Delta-interacting Protein 2 Deficiency Protects Against Blood Brain Barrier Permeability following stroke  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**GEORGIA**  
**Ibrahim, Ahmed PhD**  
**Program Type:** Career Development Award  
**Institution:** Augusta University  
**City:** Augusta  
**Project Title:** Dissecting and Targeting Deregulated Endothelial Metabolism in Diabetes-Induced Microvasculopathy  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $231,000

**GEORGIA**  
**Kim, Il-Man PhD**  
**Program Type:** Transformational Project Award  
**Institution:** Augusta University  
**City:** Augusta  
**Project Title:** The novel role of microRNA-532-5p/prss23 axis in regulating cardiac vascularization during acute myocardial infarction  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $300,000

**GEORGIA**  
**Kim, Yongtae PhD**  
**Program Type:** Scientist Development Grant  
**Institution:** Georgia Tech Research Corporation  
**City:** Atlanta  
**Project Title:** Engineering of anti-miRNA Transporting HDL for Treating Endothelial Inflammation in Experimental Atherosclerosis  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2019  
**Total Years:** 4  
**Total Award Amount:** $308,000

**GEORGIA**  
**Kovacs, Laszlo MSc, PhD**  
**Program Type:** Career Development Award  
**Institution:** Augusta University  
**City:** Augusta  
**Project Title:** HDAC6 regulates calpain activation in airway and pulmonary vascular remodeling in COPD  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $231,000

**GEORGIA**  
**Kovacs-Kasa, Anita PhD, MSc**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Augusta University  
**City:** Augusta  
**Project Title:** HDAC7 in MLCP-mediated endothelial barrier preservation  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $110,456

**GEORGIA**  
**Kwong, Jennifer PhD, BA**  
**Program Type:** Scientist Development Grant  
**Institution:** Emory University, Atlanta  
**City:** Atlanta  
**Project Title:** Defining the role of MCUb in the regulation of cardiac mitochondrial calcium sensing, metabolism
and survival Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

GEORGIA
Levit, Rebecca MD
Program Type: Innovative Project Award Institution: Emory University, Atlanta City: Atlanta Project Title: The role of lymphatics in cardiac transplant allograft dysfunction Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $199,993

GEORGIA
Li, Jie PhD
Program Type: Scientist Development Grant Institution: Augusta University City: Augusta Project Title: Role of Ufm1 conjugation in the heart Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

GEORGIA
Lin, Huiping BS
Program Type: Predoctoral Fellowship Institution: Augusta University City: Augusta Project Title: Macropinocytosis: The Macrophage Drinking Problem Behind Atherosclerosis Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

GEORGIA
Liu, Ting MD
Program Type: Predoctoral Fellowship Institution: Augusta University City: Augusta Project Title: Role of Class III Phosphatidylinositol-3 Kinase in Compensatory Nephron Hypertrophy Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

GEORGIA
Liu, Xu BS, MS
Program Type: Postdoctoral Fellowship Institution: Emory University, Atlanta City: Atlanta Project Title: Structure-function of tafazzin in cardiac muscle wasting Award Start Date: 6/30/2019 Total Years: 2 Total Award Amount: $106,532

GEORGIA
Mamenko, Mykola PhD
Program Type: Scientist Development Grant Institution: Augusta University City: Augusta Project Title: The role of capacitative calcium entry in AVP-dependent water transport by the kidney Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $308,000
GEORGIA

Naqvi, Nawazish PhD, MSc
Program Type: Grant-in-Aid  Institution: Emory University, Atlanta  City: Atlanta  Project Title: Identifying mechanism of T3 mediated proliferation in mitotically quiescent cardiomyocytes  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

GEORGIA

Nowak, Scott PhD
Program Type: AHA Institutional Research Enhancement Award (AIREA)  Institution: Kennesaw State University Research and Service Foundation  City: Kennesaw  Project Title: The role of Akirin during heart development  Award Start Date: 4/1/2018  Award End Date: 3/31/2020  Total Years: 2  Total Award Amount: $154,000

GEORGIA

Oneill, W Charles BS, MD
Program Type: Innovative Project Award  Institution: Emory University, Atlanta  City: Atlanta  Project Title: Mobilization of osteoclasts to treat vascular calcification  Award Start Date: 7/1/2018  Award End Date: 6/30/2020  Total Years: 2  Total Award Amount: $199,624

GEORGIA

Onohara, Daisuke MD PhD
Program Type: Postdoctoral Fellowship  Institution: Emory University, Atlanta  City: Atlanta  Project Title: Strategy to Suppress Left Ventricular Remodeling in Secondary Ischemic Mitral Regurgitation  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $118,628

GEORGIA

Osman, Islam BS, PhD
Program Type: Postdoctoral Fellowship  Institution: Augusta University  City: Augusta  Project Title: The role of TEA Domain Transcription Factor 1 in Vascular Smooth Muscle Cell proliferation and Neointima Formation  Award Start Date: 7/1/2018  Award End Date: 6/30/2020  Total Years: 2  Total Award Amount: $106,532

GEORGIA

Palmer, Jacqueline PT, BS
Program Type: Postdoctoral Fellowship  Institution: Emory University, Atlanta  City: Atlanta  Project Title: Cortical connectivity during functional balance reactions in stroke survivors  Award Start Date: 7/1/2018  Award End Date: 6/30/2020  Total Years: 2  Total Award Amount: $106,532

GEORGIA

Platt, Manu PhD, BS
Program Type: Grant-in-Aid  
Institution: Georgia Tech Research Corporation  
City: Atlanta  
Project Title: Mechanisms for and prevention of large artery damage due to sickle cell disease  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

GEORGIA  
Qiu, Hong PhD  
Program Type: Scientist Development Grant  
Institution: University of Georgia, Athens  
City: Athens  
Project Title: Dissect Role of Heparan Sulfate from NG2+ Cells in Hematopoietic Stem Cell Function  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2020  
Total Years: 3  
Total Award Amount: $231,000

GEORGIA  
Quyyumi, Arshed MBBS, MD  
Program Type: Strategically Focused Research Network  
Institution: Emory University, Atlanta  
City: Atlanta  
Project Title: Impact of technology-based Intervention for improving self-management behaviors in Black adults  
Award Start Date: 7/1/2015  
Award End Date: 6/30/2019  
Total Years: 4  
Total Award Amount: $1,267,222

GEORGIA  
Ramadhin, Jessica BA  
Program Type: Predoctoral Fellowship  
Institution: University of Georgia Research Foundation, Inc.  
City: Athens  
Project Title: Natural Human Milk Sugar, LNFPIII, as a Therapeutic for Obesity & Metabolic Syndrome  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $51,900

GEORGIA  
Rezvan, Amir MD, MS  
Program Type: Innovative Research Grant  
Institution: Emory University, Atlanta  
City: Atlanta  
Project Title: The role of liver fibrosis in atherosclerosis  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $150,000

GEORGIA  
Rodriguez Miguelez, Paula PhD, MS  
Program Type: Career Development Award  
Institution: Augusta University  
City: Augusta  
Project Title: Improving Cardiovascular Health in Patients with Chronic Obstructive Pulmonary Disease: a Mechanistic Approach  
Award Start Date: 7/1/2018  
Award End Date: 8/31/2020  
Total Years: 3  
Total Award Amount: $231,000

GEORGIA  
Romero, Maritza MD, DSc  
Program Type: Grant-in-Aid  
Institution: Augusta University  
City: Augusta  
Project Title: Role of Growth
Hormone Releasing Hormone (GHRH) receptor in diabetes-associated dyslipidemia

**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $154,000

**GEORGIA**

**Rudic, Dan PhD**

**Program Type:** Grant-in-Aid  
**Institution:** Augusta University  
**City:** Augusta  
**Project Title:** Vascular clock mechanisms in remodeling and atherosclerosis  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

**GEORGIA**

**Sayed Razavi Rizi, Mohammad MS, BS**

**Program Type:** Predoctoral Fellowship  
**Institution:** Georgia Tech Research Corporation  
**City:** Atlanta  
**Project Title:** Quantifying the role of mechanical-overloads in maladaptive growth and remodeling of collecting lymphatic vessels.  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $53,688

**GEORGIA**

**Searles, Charles MD, BA**

**Program Type:** Strategically Focused Research Network  
**Institution:** Emory University, Atlanta  
**City:** Atlanta  
**Project Title:** MicroRNA and metabolic profiles associated with social and environmental risk factors in blacks  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2019  
**Total Years:** 4  
**Total Award Amount:** $1,141,382

**GEORGIA**

**Sielicka, Alicja PhD**

**Program Type:** Postdoctoral Fellowship  
**Institution:** Emory University, Atlanta  
**City:** Atlanta  
**Project Title:** Surgical repair induced leaflet fibrosis and its inhibition in mitral valve repair  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $114,368

**GEORGIA**

**Singla, Bhupesh BSC, MSc**

**Program Type:** Postdoctoral Fellowship  
**Institution:** Augusta University  
**City:** Augusta  
**Project Title:** Matrix regulation of lymphangiogenesis in atherosclerosis  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $104,060

**GEORGIA**

**Sullivan, Jennifer PhD**

**Program Type:** Established Investigator Award  
**Institution:** Augusta University  
**City:** Augusta  
**Project Title:** Role of T cells in salt-sensitive females  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2021  
**Total Years:** 5  
**Total Award Amount:** $400,000
GEORGIA

Sun, Wei PhD
Program Type: Transformational Project Award Institution: Georgia Tech Research Corporation City: Atlanta Project Title: A Machine Learning Based Approach for Geometry Modeling and In Vivo Material Property Estimation of Thoracic Aorta Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

GEORGIA

Sun, Yu-Yo PhD
Program Type: Scientist Development Grant Institution: Emory University, Atlanta City: Atlanta Project Title: Acute Therapy and Primary Stroke Prevention in Humanized Sickle Mice Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: $231,000

GEORGIA

Takemiya, Kiyoko PhD, MD
Program Type: Scientist Development Grant Institution: Emory University, Atlanta City: Atlanta Project Title: A new near-infrared fluorescent imaging probe for specific detection of bacterial device infection Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

GEORGIA

Tawfik, Amany MD, MSc
Program Type: Scientist Development Grant Institution: Augusta University City: Augusta Project Title: Retinal Endothelial Cell Barrier Dysfunction in Hyperhomocysteinemia; Potential Role in Diabetic Retinopathy Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

GEORGIA

Taylor, Herman MD, MPH
Program Type: Strategically Focused Research Network Institution: Morehouse School of Medicine City: Atlanta Project Title: Biological and socio-cultural determinants and management of Cardiovascular Health Factors in Multi-ethnic Populations Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $619,229

GEORGIA

Trac, David BS, BA
Program Type: Predoctoral Fellowship Institution: Emory University, Atlanta City: Atlanta Project Title: Improving the therapeutic functionality of child cardiac progenitor cells by spheriical aggregation Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $51,900
**GEORGIA**

**Trusty, Phillip BS, MS**  
**Program Type:** Predoctoral Fellowship  
**Institution:** Georgia Tech Research Corporation  
**City:** Atlanta  
**Project Title:** Improved Management of Fontan Associated Liver Disease: A hemodynamic approach  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $53,688

**GEORGIA**

**Tucker, Matthew BS, MA**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Augusta University  
**City:** Augusta  
**Project Title:** Improving Vascular Health in Cystic Fibrosis: A Mechanistic Approach  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $110,456

**GEORGIA**

**Wang, Jinhu BS, PhD**  
**Program Type:** Scientist Development Grant  
**Institution:** Emory University, Atlanta  
**City:** Atlanta  
**Project Title:** Dissecting the directional regeneration of ventricular epicardium  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2019  
**Total Years:** 4  
**Total Award Amount:** $308,000

**GEORGIA**

**Wang, Mong-Heng PhD**  
**Program Type:** Grant-in-Aid  
**Institution:** Augusta University  
**City:** Augusta  
**Project Title:** Interaction of sEH and angiotensin II in retinopathy  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

**GEORGIA**

**Wang, Pengfei BS, MS**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Emory University, Atlanta  
**City:** Atlanta  
**Project Title:** Targeted Delivery of anti-miR-712 to Inhibit Atherosclerosis using DNA Nanoparticles  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $110,456

**GEORGIA**

**Wang, Xiaonan MD**  
**Program Type:** Institute - Bayer Discovery Grant  
**Institution:** Emory University, Atlanta  
**City:** Atlanta  
**Project Title:** Treatment of muscle atrophy yields benefits for the heart through exosome carried microRNA  
**Award Start Date:** 7/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $150,000

**GEORGIA**

**Wang, Yanhua PhD, MS**  
**Program Type:** Career Development Award  
**Institution:** Emory University, Atlanta  
**City:** Atlanta  
**Project Title:** Dissecting the directional regeneration of ventricular epicardium  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2019  
**Total Years:** 4  
**Total Award Amount:** $308,000
Title: Role of a vasoactive hormone, adrenomedullin in mediating urine concentrating ability Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

GEORGIA
Wei, Zheng PhD
Program Type: Career Development Award Institution: Emory University, Atlanta City: Atlanta Project Title: Glial reprogramming combined with iPS-NPC transplantation as a novel neuroregenerative therapy after ischemic stroke Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

GEORGIA
Williams, Clintoria PhD, BS
Program Type: Scientist Development Grant Institution: Emory University, Atlanta City: Atlanta Project Title: Selective regulation of distal nephron sodium handling by calcineurin isoforms Award Start Date: 1/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: $308,000

GEORGIA
Xue, Bingzhong PhD
Program Type: Grant-in-Aid Institution: Georgia State University City: Atlanta Project Title: Neurotrophin 3 regulates brown/beige adipocyte thermogenesis via sympathetic innervation of adipose tissue. Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

GEORGIA
Yao, Yao BS, MS
Program Type: Scientist Development Grant Institution: University of Georgia, Athens City: Athens Project Title: Pericytic laminin regulates pericyte differentiation and blood vessel integrity in the brain Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

GEORGIA
Yin, Hang PhD
Program Type: Grant-in-Aid Institution: University of Georgia, Athens City: Athens Project Title: Functions of Lin28a in brown adipose lineage determination and thermogenic activation Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

GEORGIA
Yu, Liqing PhD, MD
Program Type: Grant-in-Aid Institution: Georgia State University City: Atlanta Project Title: Macrophage Triglyceride Hydrolysis and Atherosclerosis Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000
GEORGIA

Yue, Jingwen BS, MS
Program Type: Predoctoral Fellowship Institution: University of Georgia, Athens City: Athens Project Title: The role of heparan sulfate in fibrinolysis Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $53,688

GEORGIA

Zhang, Quanguang PhD
Program Type: Innovative Project Award Institution: Augusta University City: Augusta Project Title: Combination Treatment with Pulsed Electromagnetic Field and Hypothermia in Global Cerebral Ischemia Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $200,000

GEORGIA

Zhou, An PhD
Program Type: Grant-in-Aid Institution: Morehouse School of Medicine City: Atlanta Project Title: TrxG proteins as novel epigenetic regulators of neuronal excitability and their roles in ischemic stroke Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

GEORGIA

Zhou, Hongyi PhD, MS
Program Type: Career Development Award Institution: Augusta University City: Augusta Project Title: Neddylation in Adipose Tissue Development and Obesity Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

GEORGIA

Zhou, Jiliang PhD, MD
Program Type: Established Investigator Award Institution: Augusta University City: Augusta Project Title: Novel role of the IncRNA NEAT1 in smooth muscle phenotypic modulation Award Start Date: 1/1/2017 Award End Date: 12/31/2021 Total Years: 5 Total Award Amount: $400,000

GEORGIA

Zou, Jianqiu PhD
Program Type: Postdoctoral Fellowship Institution: Augusta University City: Augusta Project Title: A novel posttranslational mechanism underlying cardiac metabolic maturation Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $104,060

HAWAII

Anderson, Cynthia BS, MA
Program Type: Postdoctoral Fellowship Institution: University of Hawaii City: Honolulu Project Title:
High Intensity Focused Ultrasound for Therapeutic Gene Transfer Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $110,456

HAWAII
Bratincsak, Andras MD PhD
Program Type: Transformational Project Award Institution: Hawaii Pacific Health City: Honolulu Project Title: Doxycycline treatment to prevent coronary artery lesions in Kawasaki disease Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

HAWAII
Schunke, Kathryn PhD
Program Type: Career Development Award Institution: University of Hawaii City: Honolulu Project Title: HIF-1 Activity can be Inhibited in the Heart by Protein Kinase C Binding Protein 1 Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

HAWAII
Tallquist, Michelle PhD
Program Type: Grant-in-Aid Institution: University of Hawaii City: Honolulu Project Title: Role of Tcf21 in cardiac fibroblasts Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

IDAHO
Beard, Richard BS, PhD
Program Type: Scientist Development Grant Institution: Boise State University City: Boise Project Title: Mechanisms for Oncostatin M Induced TAMP Repression and Barrier Dysfunction in Cerebral Microvascular Endothelium Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: $231,000

ILLINOIS
Abdel Majeed, Yazan BSC
Program Type: Predoctoral Fellowship Institution: University of Illinois at Chicago City: Chicago Project Title: Effect of altering movement metrics identified by predictive models on stroke recovery outcomes Award Start Date: 7/1/2018 Award End Date: 6/30/2019 Total Years: 1 Total Award Amount: $26,844

ILLINOIS
Allen, Norrina BS, MPH
Program Type: Strategically Focused Research Network Institution: Northwestern University, Chicago City: Chicago Project Title: Cardiovascular Health Trajectories from Birth Through Adolescence Award Start Date: 7/1/2017 Award End Date: 6/30/2021 Total Years: 4 Total Award Amount: $963,300
ILLINOIS

Allen, Norrina BS, MPH
Program Type: Strategic Renewal Grant Institution: Northwestern University, Chicago City: Chicago Project Title: Development of Age-Specific Childhood Risk Prediction Equations to Identify Children at High Risk for Poor Cardiovascular Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $365,466

ILLINOIS

Ameer, Guillermo ScD
Program Type: Grant-in-Aid Institution: Northwestern University, Evanston City: Evanston Project Title: Developing imaging-compatible 3D-printed bioresorbable scaffolds Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $153,626

ILLINOIS

Ardehali, Hossein PhD, MD
Program Type: Grant-in-Aid Institution: Northwestern University, Chicago City: Chicago Project Title: Role of tristetraprolin in cardiac fatty acid metabolism and the development of heart failure Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

ILLINOIS

Arora, Rishi MD, MD
Program Type: Strategically Focused Research Network Institution: Northwestern University, Chicago City: Chicago Project Title: The role of oxidative stress in creating a vulnerable substrate for atrial fibrillation in the intact atrium Award Start Date: 7/1/2018 Award End Date: 6/30/2022 Total Years: 4 Total Award Amount: $1,106,562

ILLINOIS

Burridge, Paul PhD
Program Type: Transformational Project Award Institution: Northwestern University, Chicago City: Chicago Project Title: Validation of Genomic Hits Predicting Doxorubicin-Induced Cardiotoxicity for Drug Discovery Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

ILLINOIS

Byun, Sangwon PhD, MS
Program Type: Postdoctoral Fellowship Institution: University of Illinois, Champaign-Urbana City: Urbana Project Title: Control of bile acid/cholesterol levels by Src phosphorylation of FXR Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $106,350
ILLINOIS
Carnethon, Mercedes PhD, MPH
Program Type: Strategically Focused Research Network Institution: Northwestern University, Chicago City: Chicago Project Title: Contribution of Fibroblast Growth Factor 23 (FGF23) to Racial Disparities in Left Ventricular Mass and Albumin/Creatinina Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $763,704

ILLINOIS
Chen, Tianji PhD
Program Type: Career Development Award Institution: University of Illinois at Chicago City: Chicago Project Title: Role of Endothelium-derived Microvesicles in Pulmonary Hypertension Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

ILLINOIS
Collins, Kerrie BS
Program Type: Predoctoral Fellowship Institution: University of Illinois at Chicago City: Chicago Project Title: Septins regulate Src mediated podosome formation and matrix degradation. Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $51,900

ILLINOIS
Das, Aditi PhD
Program Type: Scientist Development Grant Institution: University of Illinois, Champaign-Urbana City: Urbana Project Title: Biochemical mechanism of CYP2J2 epoxygenase Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $308,000

ILLINOIS
De, Tanim PhD
Program Type: Institute - Uncovering New Patterns Fellowship Institution: Northwestern University, Chicago City: Chicago Project Title: Effect of genomic regulation on Clopidogrel Response in African Americans Award Start Date: 4/2/2018 Award End Date: 3/31/2020 Total Years: 2 Total Award Amount: $150,000

ILLINOIS
de Almeida, Lucia PhD, MS
Program Type: Career Development Award Institution: Northwestern University, Chicago City: Chicago Project Title: Uncovering the role of extracellular ASC danger particles in atherosclerosis and gout Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

ILLINOIS
Deberge, Matthew BSC, PhD
**Program Type:** Career Development Award  
**Institution:** Northwestern University, Chicago  
**City:** Chicago  
**Project Title:** Myeloid HIFs in cardiac transplantation vasculopathy  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $231,000

**ILLINOIS**

**Feinstein, Matthew MD**  
**Program Type:** Fellow-to-Faculty Transition Award  
**Institution:** Northwestern University, Chicago  
**City:** Chicago  
**Project Title:** Mechanistic Epidemiology of Myocardial Disease in HIV: Myocardial Fibrosis and Mechanics  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2021  
**Total Years:** 5  
**Total Award Amount:** $593,000

**ILLINOIS**

**Gajwani, Priyanka BS**  
**Program Type:** Predoctoral Fellowship  
**Institution:** University of Illinois at Chicago  
**City:** Chicago  
**Project Title:** Phosphorylation of PFKFB3, a regulator of glycolysis, as an adaptive mechanism in Acute Lung Injury  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $53,688

**ILLINOIS**

**Ghosh, Asish PhD**  
**Program Type:** Innovative Project Award  
**Institution:** Northwestern University, Chicago  
**City:** Chicago  
**Project Title:** Plasminogen Activator System in Air Pollutants-Induced Cardiovascular Disease  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $200,000

**ILLINOIS**

**Glinton, Kristofor PhD, BS**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Northwestern University, Chicago  
**City:** Chicago  
**Project Title:** The causal role of Axl in the acceleration of cardiac allograft vasculopathy  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $104,060

**ILLINOIS**

**Grayczyk, James BS**  
**Program Type:** Predoctoral Fellowship  
**Institution:** Loyola University Chicago  
**City:** Chicago  
**Project Title:** Staphylococcus aureus suppression of immune responses via metabolic cofactors  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $53,688

**ILLINOIS**

**Greenland, Philip MD**  
**Program Type:** Strategically Focused Research Network  
**Institution:** Northwestern University, Chicago
City: Chicago  Project Title: Mitochondrial dysfunction and disability in PAD  Award Start Date: 4/1/2018  Award End Date: 3/31/2022  Total Years: 4  Total Award Amount: $1,044,451

ILLINOIS
Greenland, Philip MD  
Program Type: Strategically Focused Research Network  Institution: Northwestern University, Chicago  
City: Chicago  Project Title: ATRIAL SUBSTRATE IN ATRIAL FIBRILLATION AND AF-ASSOCIATED BRAIN DISEASE  Award Start Date: 7/1/2018  Award End Date: 6/30/2022  Total Years: 4  Total Award Amount: $841,913

ILLINOIS
Harijith, Anantha MD, OTR  
Program Type: Transformational Project Award  Institution: University of Illinois at Chicago  
City: Chicago  Project Title: Role of Sphingosine 1 Phosphate (S1P) and S1P 1 receptor signaling in Bronchopulmonary Dysplasia  Award Start Date: 7/1/2018  Award End Date: 6/30/2021  Total Years: 3  Total Award Amount: $300,000

ILLINOIS
Hill, Anita Nayo BS, PT  
Program Type: Predoctoral Fellowship  Institution: Northwestern University, Chicago  
City: Chicago  Project Title: Quantification of Upper Extremity Motor Impairments in Pediatric Hemiplegia  Award Start Date: 7/1/2018  Award End Date: 8/31/2020  Total Years: 2  Total Award Amount: $53,688

ILLINOIS
Hou, Lifang MD, MSc  
Program Type: Strategically Focused Research Network  Institution: Northwestern University, Chicago  
City: Chicago  Project Title: Characterizing Dynamic Epigenomic Markers of CVH in Early Life  Award Start Date: 7/1/2017  Award End Date: 6/30/2021  Total Years: 4  Total Award Amount: $939,898

ILLINOIS
Imoukhuede, Princess PhD, BS  
Program Type: Scientist Development Grant  Institution: University of Illinois, Champaign-Urbana  
City: Urbana  Project Title: Predicting new targets for inducing sprouting angiogenesis via systems biology  Award Start Date: 1/1/2016  Award End Date: 12/31/2019  Total Years: 4  Total Award Amount: $308,000

ILLINOIS
Joslin, Amelia BS  
Program Type: Predoctoral Fellowship  Institution: University of Chicago  
City: Chicago  Project Title:
Dissecting the genetics of cardiovascular-related phenotypes Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

ILLINOIS
Kang, Hojin PhD, MS
Program Type: Scientist Development Grant Institution: University of Illinois at Chicago City: Chicago Project Title: S1P Activation of Piezo1 Mediates Angiogenesis in Response to Wall Shear Stress Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: $231,000

ILLINOIS
Kim, Young-Chae PhD, MS
Program Type: Scientist Development Grant Institution: University of Illinois, Champaign-Urbana City: Urbana Project Title: Role of intestinal SHP and FGF19 in regulating cholesterol levels Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

ILLINOIS
Klingensmith, Jon BSEE, MS
Program Type: AHA Institutional Research Enhancement Award (AIREA) Institution: Southern Illinois University, Edwardsville City: Edwardsville Project Title: Volumetric assessment of epicardial adipose tissue using echocardiography Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

ILLINOIS
Krishack, Paulette BS, MS
Program Type: Postdoctoral Fellowship Institution: University of Chicago City: Chicago Project Title: Type 2 Innate Inflammatory Response Protects Staphylococcus Aureus Induced Sepsis Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $110,456

ILLINOIS
Lei, Yuk Man BA
Program Type: Predoctoral Fellowship Institution: University of Chicago City: Chicago Project Title: The Role of Microbiota in Allograft Rejection Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $51,900

ILLINOIS
Li, Jing PhD
Program Type: Career Development Award Institution: University of Illinois at Chicago City: Chicago Project Title: DREAM in neutrophil recruitment during inflammation Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000
ILLINOIS

Liu, Xiaolei PhD, MS
Program Type: Career Development Award
Institution: Northwestern University, Chicago
City: Chicago
Project Title: Cardiac lymphatic endothelial cells: novel players in cardiomyocyte survival during heart development and repair
Award Start Date: 7/1/2018
Award End Date: 6/30/2021
Total Years: 3
Total Award Amount: $231,000

ILLINOIS

Liu, Yuru PhD
Program Type: Grant-in-Aid
Institution: University of Illinois at Chicago
City: Chicago
Project Title: Sphingosine-1-phosphate as an angiocrine mediator in alveolar repair following lung injury
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $154,000

ILLINOIS

Mace, Camille PhD
Program Type: Scientist Development Grant
Institution: Rush University Medical Center
City: Chicago
Project Title: Molecular mechanisms of non-HIV collapsing glomerulopathy
Award Start Date: 1/1/2016
Award End Date: 12/31/2019
Total Years: 4
Total Award Amount: $308,000

ILLINOIS

Marino, Bradley MD, BA
Program Type: Strategically Focused Research Network
Institution: Northwestern University, Chicago
City: Chicago
Project Title: Early Life Origins of Cardiovascular Health: Healthier, Earlier
Award Start Date: 7/1/2017
Award End Date: 6/30/2021
Total Years: 4
Total Award Amount: $740,837

ILLINOIS

Marsboom, Glenn PhD, MS
Program Type: Scientist Development Grant
Institution: University of Illinois at Chicago
City: Chicago
Project Title: Functional Characterization of a New Caveolin-1 Mutation Associated with Heritable Human Pulmonary Arterial Hypertension
Award Start Date: 1/1/2015
Award End Date: 12/31/2018
Total Years: 4
Total Award Amount: $308,000

ILLINOIS

McDermott, Mary MD, BA
Program Type: Strategically Focused Research Network
Institution: Northwestern University, Chicago
City: Chicago
Project Title: NICotinamidE riboside with and without resveratrol to improve functioning in peripheral artery disease: The NICE Trial
Award Start Date: 4/1/2018
Award End Date: 3/31/2022
Total Years: 4
Total Award Amount: $1,366,439
ILLINOIS

**McDermott, Mary MD, BA**
Program Type: Strategically Focused Research Network  
Institution: Northwestern University, Chicago  
City: Chicago  
Project Title: Calf Skeletal Muscle Pathology and Disability in Peripheral Artery Disease  
Award Start Date: 4/1/2018  
Award End Date: 3/31/2022  
Total Years: 4  
Total Award Amount: $874,357

ILLINOIS

**Moskowitz, Ivan PhD, MD**
Program Type: Collaborative Sciences Award  
Institution: University of Chicago  
City: Chicago  
Project Title: Enhancer transcription as marker and modulator of cardiac regulatory networks  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2020  
Total Years: 3  
Total Award Amount: $450,000

ILLINOIS

**Oliveira, Suellen Darc PhD, MSc**
Program Type: Postdoctoral Fellowship  
Institution: University of Illinois at Chicago  
City: Chicago  
Project Title: Role of Caveolin-1 Depletion in TGF- induced Endothelial-to-mesenchymal Transition and Pulmonary Arterial Hypertension  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2020  
Total Years: 2  
Total Award Amount: $106,532

ILLINOIS

**Ostadhossein, Fatemeh BSC, MSc**
Program Type: Predoctoral Fellowship  
Institution: University of Illinois, Champaign-Urbana  
City: Urbana  
Project Title: antimicrobial caged hafnium oxide nanoparticles for detection and therapeutic intervention of endocarditis  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2020  
Total Years: 2  
Total Award Amount: $53,688

ILLINOIS

**Paik, Wonbeom MS, BS**
Program Type: Predoctoral Fellowship  
Institution: Loyola University Medical Center  
City: Maywood  
Project Title: Protection from lethal Staphylococcus aureus sepsis by probiotic exopolysaccharide  
Award Start Date: 7/1/2018  
Award End Date: 7/30/2019  
Total Years: 1  
Total Award Amount: $26,844

ILLINOIS

**Palekar, Rohun BS, PhD**
Program Type: Postdoctoral Fellowship  
Institution: Northwestern University, Chicago  
City: Chicago  
Project Title: Synthetic Lipoprotein Nanoparticles as Biosensors for Rapid Assessment of Lecithin:Cholesterol Acyltransferase Activity  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $104,060
ILLINOIS

**Papadaki, Maria BSC, PhD**
*Program Type:* Postdoctoral Fellowship  
*Institution:* Loyola University Chicago  
*City:* Chicago  
*Project Title:* The role of methylglyoxal on the cardiac myofilament  
*Award Start Date:* 7/1/2017  
*Award End Date:* 6/30/2019  
*Total Years:* 2  
*Total Award Amount:* $104,060

ILLINOIS

**Passman, Rod BA, MD**
*Program Type:* Strategically Focused Research Network  
*Institution:* Northwestern University, Chicago  
*City:* Chicago  
*Project Title:* ATRIAL MYOPATHY IN ATRIAL FIBRILLATION  
*Award Start Date:* 7/1/2018  
*Award End Date:* 6/30/2022  
*Total Years:* 4  
*Total Award Amount:* $975,843

ILLINOIS

**Passman, Rod BA, MD**
*Program Type:* Strategically Focused Research Network  
*Institution:* Northwestern University, Chicago  
*City:* Chicago  
*Project Title:* ATRIAL MYOPATHY: STRUCTURE AND FUNCTION IN AF ABLATION  
*Award Start Date:* 7/1/2018  
*Award End Date:* 6/30/2022  
*Total Years:* 4  
*Total Award Amount:* $784,882

ILLINOIS

**Perez-Pinera, Pablo MD PhD**
*Program Type:* Scientist Development Grant  
*Institution:* University of Illinois, Champaign-Urbana  
*City:* Urbana  
*Project Title:* CORRECTION OF DYSTROPHIN CARDIOMYOPATHIES BY ACTIVATION OF NATIVE UTRN EXPRESSION  
*Award Start Date:* 7/1/2017  
*Award End Date:* 6/30/2020  
*Total Years:* 3  
*Total Award Amount:* $231,000

ILLINOIS

**Puckelwartz, Megan BS, PhD**
*Program Type:* Career Development Award  
*Institution:* Northwestern University, Chicago  
*City:* Chicago  
*Project Title:* Genomic context alters disease manifestation of cardiomyopathies  
*Award Start Date:* 7/1/2018  
*Award End Date:* 6/30/2021  
*Total Years:* 3  
*Total Award Amount:* $231,000

ILLINOIS

**Radhakrishnan, Ishwar PhD, BS**
*Program Type:* Grant-in-Aid  
*Institution:* Northwestern University, Evanston  
*City:* Evanston  
*Project Title:* Biochemical and Structural Studies of the Sin3L/HDAC Complex  
*Award Start Date:* 7/1/2017  
*Award End Date:* 6/30/2019  
*Total Years:* 2  
*Total Award Amount:* $154,000

ILLINOIS

**Rhodes, Katherine BS, BS**
*Program Type:* Predoctoral Fellowship  
*Institution:* University of Chicago  
*City:* Chicago
Mapping Functional Variation in Gene Regulatory Dynamics in Human Cardiomyocytes

**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $53,688

**ILLINOIS**

*Rowton, Megan PhD*

**Program Type:** Postdoctoral Fellowship  
**Institution:** University of Chicago  
**City:** Chicago  
**Project Title:** A Hedgehog differentiation clock for atrial septation  
**Award Start Date:** 7/1/2017  
**Award End Date:** 12/30/2019  
**Total Years:** 2  
**Total Award Amount:** $106,532

**ILLINOIS**

*Ruppar, Todd BSN, MSN*

**Program Type:** Grant-in-Aid  
**Institution:** Rush University Medical Center  
**City:** Chicago  
**Project Title:** Self-Care Interventions Meta-Analysis for Heart Failure (SCIMA-HF)  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $153,210

**ILLINOIS**

*Ruthenburg, Alexander PhD, BA*

**Program Type:** Collaborative Sciences Award  
**Institution:** University of Chicago  
**City:** Chicago  
**Project Title:** Enhancer transcription as marker and modulator of cardiac regulatory networks  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2020  
**Total Years:** 3  
**Total Award Amount:** $300,000

**ILLINOIS**

*Rydeen, Ariel BS, PhD*

**Program Type:** Postdoctoral Fellowship  
**Institution:** University of Chicago  
**City:** Chicago  
**Project Title:** Hedgehog-dependent repressive gene regulatory network in the control of cardiac differentiation  
**Award Start Date:** 7/1/2018  
**Award End Date:** 12/30/2020  
**Total Years:** 2  
**Total Award Amount:** $104,060

**ILLINOIS**

*Rymer, William MD PhD*

**Program Type:** Innovative Project Award  
**Institution:** Rehabilitation Institute of Chicago  
**City:** Chicago  
**Project Title:** An Exploration of Acute Intermittent Hypoxia as a Tool to Enhance Neural Recovery in Stroke Survivors  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $199,991

**ILLINOIS**

*Schnell, Susanne MSc, PhD*

**Program Type:** Scientist Development Grant  
**Institution:** Northwestern University, Chicago  
**City:** Chicago  
**Project Title:** Comprehensive Cardiac and Neurovascular 4D flow MRI for Improved Embolization
Therapy in VGAM patients **Award Start Date**: 7/1/2016 **Award End Date**: 6/30/2019 **Total Years**: 3 **Total Award Amount**: $231,000

**ILLINOIS**  
**Seimetz, Joe BS**  
**Program Type**: Predoctoral Fellowship  
**Institution**: University of Illinois, Champaign-Urbana  
**City**: Urbana  
**Project Title**: Investigating the unexpected role of nuclear poly(A) binding protein (PABPN1) in cardiac growth and hypertrophy  
**Award Start Date**: 7/1/2017 **Award End Date**: 12/30/2019 **Total Years**: 2 **Total Award Amount**: $53,688

**ILLINOIS**  
**Shah, Sanjiv MD**  
**Program Type**: Strategically Focused Research Network  
**Institution**: Northwestern University, Chicago  
**City**: Chicago  
**Project Title**: Role of Female Sex and Hormone Status on HFpEF Pathophysiology and Therapy  
**Award Start Date**: 4/1/2016 **Award End Date**: 3/31/2020 **Total Years**: 4 **Total Award Amount**: $1,083,632

**ILLINOIS**  
**Sivaramakrishnan, Anjali BS, MPT**  
**Program Type**: Predoctoral Fellowship  
**Institution**: University of Illinois at Chicago  
**City**: Chicago  
**Project Title**: Understanding the neural effects of non-invasive brain stimulation enhanced aerobic exercise in stroke survivors  
**Award Start Date**: 7/1/2018 **Award End Date**: 6/30/2020 **Total Years**: 2 **Total Award Amount**: $53,688

**ILLINOIS**  
**Sladojevic, Nikola MD PhD**  
**Program Type**: Postdoctoral Fellowship  
**Institution**: University of Chicago  
**City**: Chicago  
**Project Title**: Novel strategy to protect blood-brain barrier integrity by modulating RGSS in ischemic stroke.  
**Award Start Date**: 7/1/2017 **Award End Date**: 6/30/2019 **Total Years**: 2 **Total Award Amount**: $125,120

**ILLINOIS**  
**Suresh, Nina PhD**  
**Program Type**: Scientist Development Grant  
**Institution**: Rehabilitation Institute of Chicago  
**City**: Chicago  
**Project Title**: Tracking the evolution of spasticity in acute stroke  
**Award Start Date**: 7/1/2016 **Award End Date**: 6/30/2019 **Total Years**: 3 **Total Award Amount**: $230,999

**ILLINOIS**  
**Tabit, Corey BS, BA**  
**Program Type**: Scientist Development Grant  
**Institution**: University of Chicago  
**City**: Chicago  
**Project Title**: Molecular Mechanisms of Non-Surgical Bleeding in Human Patients with Continuous-Flow Left
Ventricular Assist Devices

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

ILLINOIS

Tang, Wei-Jen PhD
Program Type: Grant-in-Aid
Institution: University of Chicago
City: Chicago
Project Title: Structure and functions of chemokine CCL5-CXCL4 hetero-oligomer
Award Start Date: 1/1/2017
Award End Date: 12/31/2018
Total Years: 2
Total Award Amount: $154,000

ILLINOIS

Vali, Alireza BSC, MSc
Program Type: Postdoctoral Fellowship
Institution: Northwestern University, Chicago
City: Chicago
Project Title: Comprehensive Assessment of Hemodynamics in Intracranial Atherosclerotic Disease
Award Start Date: 7/1/2018
Award End Date: 6/30/2020
Total Years: 2
Total Award Amount: $106,532

ILLINOIS

Van Horn, Linda BS, MA
Program Type: Strategically Focused Research Network
Institution: Northwestern University, Chicago
City: Chicago
Project Title: Keeping Ideal Cardiovascular Health Family Intervention Trial: KIDFIT
Award Start Date: 7/1/2017
Award End Date: 6/30/2021
Total Years: 4
Total Award Amount: $1,065,165

ILLINOIS

Wary, Kishore PhD
Program Type: Grant-in-Aid
Institution: University of Illinois at Chicago
City: Chicago
Project Title: Mechanisms of Ischemic Preconditioning Mediated de novo Neovascularization
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $154,000

ILLINOIS

Webster, Robert BA, MD
Program Type: Mentored Clinical & Population Research Program
Institution: Ann & Robert H. Lurie Children's Hospital of Chicago
City: Chicago
Project Title: Population prevalence of cardiac disease in families after sudden unexpected death
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $153,973

ILLINOIS

Wilkins, Kevin BS
Program Type: Predoctoral Fellowship
Institution: Northwestern University, Chicago
City: Chicago
Project Title: Static and dynamic cortical activity underlying the negative impact of lifting on hand opening post-stroke
Award Start Date: 7/1/2018
Award End Date: 6/30/2019
Total Years: 1
Total Award Amount: $26,844
Winter, Deborah PhD
Program Type: Career Development Award Institution: Northwestern University, Chicago City: Chicago
Project Title: Understanding the molecular link between cardiovascular disease and rheumatoid arthritis
Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

Wolf, Myles MD, MD
Program Type: Strategically Focused Research Network Institution: Northwestern University, Chicago
City: Chicago Project Title: Phosphate and FGF23: Dietary and Molecular Mediators of Health Disparities in Cardiovascular and Kidney Diseases Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $702,705

Wolff, Ian BS
Program Type: Predoctoral Fellowship Institution: Northwestern University, Evanston City: Evanston
Project Title: Characterization of Kinesin-12/KLP-18 activity essential for acentrosomal meiotic spindle assembly in C. elegans Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $51,900

Wren, Lisa BS
Program Type: Predoctoral Fellowship Institution: Northwestern University, Chicago City: Chicago
Project Title: Understanding Calmodulinopathies in an Animal Model Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $53,688

Yang, Xiaoyan PhD, MD
Program Type: Scientist Development Grant Institution: University of Illinois at Chicago City: Chicago
Project Title: The role of the cytoplasmic deacetylase, Sirtuin2: a novel regulator of cardiotoxicity in heart failure Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

Yi, Sijia BS, PhD
Program Type: Postdoctoral Fellowship Institution: Northwestern University, Evanston City: Evanston
Project Title: Nanostructure-enhanced Targeting of Dendritic Cells to Elicit Treg Responses in the Treatment of Atherosclerosis Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $106,532
Zarkoob, Hoda PhD
Program Type: Postdoctoral Fellowship  Institution: Northwestern University, Chicago  City: Chicago
Project Title: Cardiomyocyte Mechanotransduction through Desmoplakin/RhoGEF Ect2 Interaction
Award Start Date: 7/1/2018  Award End Date: 6/30/2020  Total Years: 2  Total Award Amount: $104,060

Zhang, Lianghui PhD
Program Type: Career Development Award  Institution: University of Illinois at Chicago  City: Chicago
Project Title: The Regulation of Endothelial Regeneration in Acute Lung Injury by Sox17
Award Start Date: 7/1/2018  Award End Date: 6/30/2021  Total Years: 3  Total Award Amount: $231,000

Ahmad, Shaad BA, PhD
Program Type: Scientist Development Grant  Institution: Indiana State University, Terre Haute  City: Terre Haute
Project Title: Genetic, Genomic and Computational Analyses of Cardiogenic Roles of Forkhead Transcription Factors
Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Bansal, Ruchi MS
Program Type: Predoctoral Fellowship  Institution: Indiana University, Indianapolis  City: Indianapolis
Project Title: Mchr1 Cilia Mediated Signaling
Award Start Date: 7/1/2018  Award End Date: 6/30/2020  Total Years: 2  Total Award Amount: $53,688

Basile, David PhD
Program Type: Grant-in-Aid  Institution: Indiana University, Indianapolis  City: Indianapolis
Project Title: Role of renal endothelial side population as a source of progenitor activity during growth or response to injury
Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

Brindise, Melissa BS
Program Type: Predoctoral Fellowship  Institution: Purdue University, West Lafayette  City: West Lafayette
Project Title: Assessing the Growth and Rupture of Cerebral Aneurysms Using 4D PIV and PC-MRI
Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $53,688
**Chen, Zhenhui PhD**  
**Program Type:** Transformational Project Award  
**Institution:** Indiana University, Indianapolis  
**City:** Indianapolis  
**Project Title:** Specific Accumulation of Phospholamban in Nuclear Membranes of Cardiomyocytes: Role in Regulating Nuclear Calcium Stores  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $300,000

**Cortes Selva, Diana MS, BS**  
**Program Type:** Predoctoral Fellowship  
**Institution:** Purdue University, West Lafayette  
**City:** West Lafayette  
**Project Title:** Delineating the role of hepatic macrophages in Schistosoma mansoni induced protection from atherosclerosis  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2019  
**Total Years:** 1  
**Total Award Amount:** $26,844

**Frump, Andrea PhD**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Indiana University, Indianapolis  
**City:** Indianapolis  
**Project Title:** Apelin-mediated regulation of right ventricular angiogenesis in pulmonary hypertension  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $110,456

**Gaji, Rajshekhar PhD, DVM**  
**Program Type:** Career Development Award  
**Institution:** Indiana University, Indianapolis  
**City:** Indianapolis  
**Project Title:** Mechanistic function of a unique plant like nuclear kinase in molecular pathogenesis of Toxoplasma gondii  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $231,000

**Gowher, Humaira PhD**  
**Program Type:** Scientist Development Grant  
**Institution:** Purdue University, West Lafayette  
**City:** West Lafayette  
**Project Title:** Control of antiangiogenic gene expression by Vezf1-mediated Pol II pausing  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2020  
**Total Years:** 3  
**Total Award Amount:** $231,000

**Harber, Matthew PhD**  
**Program Type:** AHA Institutional Research Enhancement Award (AIREA)  
**Institution:** Ball State University  
**City:** Muncie  
**Project Title:** Cardiopulmonary Exercise Testing and Mortality Outcomes  
**Award Start Date:** 4/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $153,917
INDIANA

Leung, Jacqueline BS, PhD
Program Type: Postdoctoral Fellowship Institution: Indiana University, Bloomington City: Bloomington Project Title: Role of the apical polar ring in Toxoplasma gondii proliferation Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $114,368

INDIANA

Liu, Juli PhD
Program Type: Postdoctoral Fellowship Institution: Indiana University, Indianapolis City: Indianapolis Project Title: A novel human-specific long non-coding RNA, HBL1, regulates cardiomyocyte development from human pluripotent stem cells Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $102,550

INDIANA

Pang, Peter MD, MS
Program Type: Innovative Research Grant Institution: Indiana University, Indianapolis City: Indianapolis Project Title: Lung Ultrasound Driven Strategy-of-Care To Treat Pulmonary Congestion in Patients with AHF Award Start Date: 1/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $149,998

INDIANA

Sieng, Monita BS
Program Type: Predoctoral Fellowship Institution: Purdue University, West Lafayette City: West Lafayette Project Title: Molecular mechanism of Rap1A-dependent activation of PLCepsilon in cardiovascular disease Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

INDIANA

Sjogren, Benita MSc, PhD
Program Type: Scientist Development Grant Institution: Purdue University, West Lafayette City: West Lafayette Project Title: Targeting molecular mechanisms of RGS2 protein degradation for novel cardiovascular therapeutics. Award Start Date: 1/1/2015 Award End Date: 12/31/2018 Total Years: 4 Total Award Amount: $308,000

INDIANA

Tesini Roseguini, Bruno PT, MSc
Program Type: Scientist Development Grant Institution: Purdue University, West Lafayette City: West Lafayette Project Title: Thermotherapy for intermittent claudication Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000
INDIANA

Tisdale, James BSC, PharmD

Program Type: Transformational Project Award
Institution: Purdue University, West Lafayette
City: West Lafayette
Project Title: Reducing the Risk of Drug-Induced QT Interval Lengthening in Women
Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

INDIANA

Vincentz, Joshua PhD

Program Type: Scientist Development Grant
Institution: Indiana University, Indianapolis
City: Indianapolis
Project Title: Hand transcription factors in cardiac outflow tract development and congenital heart disease
Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

INDIANA

Wessel, Jennifer PhD, MPH

Program Type: Scientist Development Grant
Institution: Indiana University, Indianapolis
City: Indianapolis
Project Title: Using Child’s Genetic Risk to Stimulate Diabetes Risk Reducing Change in Families
Award Start Date: 1/1/2015 Award End Date: 12/31/2018 Total Years: 4 Total Award Amount: $308,000

INDIANA

Wu, Yueh-Fu BS, MS

Program Type: Predoctoral Fellowship
Institution: University of Notre Dame
City: Notre Dame
Project Title: Characterizing interactions between the microtubule binding protein CLIP-170 and actin
Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $53,688

INDIANA

Yang, Lei PhD

Program Type: Grant-in-Aid
Institution: Indiana University, Indianapolis
City: Indianapolis
Project Title: MicroRNA-126 Regulates Human Heart Development
Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

IOWA

Abel, Evan MD PhD

Program Type: Strategically Focused Research Network
Institution: University of Iowa, Iowa City
City: Iowa City
Project Title: Coupling glucose uptake and pyruvate utilization to increase myocardial recovery in heart failure
Award Start Date: 7/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: $1,042,800
**IOWA**

**Ahern, Christopher PhD, BS**  
*Program Type:* Established Investigator Award  
*Institution:* University of Iowa, Iowa City  
*City:* Iowa City  
*Project Title:* Expanding the genetic code in muscle  
*Award Start Date:* 1/1/2015  
*Award End Date:* 12/31/2019  
*Total Years:* 5  
*Total Award Amount:* $400,000

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**Campbell, Hannah BS**  
*Program Type:* Predoctoral Fellowship  
*Institution:* University of Iowa, Iowa City  
*City:* Iowa City  
*Project Title:* Force-induced apoptosis and the mechanoprotective role of PAK2  
*Award Start Date:* 7/1/2018  
*Award End Date:* 6/30/2020  
*Total Years:* 2  
*Total Award Amount:* $53,688

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**Catov, Janet PhD**  
*Program Type:* Strategic Collaborative Grant  
*Institution:* University of Iowa, Iowa City  
*City:* Iowa City  
*Project Title:* Mechanisms of Early and Late Postpartum Hypertension in Human Preeclampsia  
*Award Start Date:* 7/1/2018  
*Award End Date:* 6/30/2020  
*Total Years:* 2  
*Total Award Amount:* $202,254

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**Chauhan, Anil PhD, MT**  
*Program Type:* Established Investigator Award  
*Institution:* University of Iowa, Iowa City  
*City:* Iowa City  
*Project Title:* Novel mechanisms linking thrombosis and inflammation  
*Award Start Date:* 1/1/2018  
*Award End Date:* 12/31/2022  
*Total Years:* 5  
*Total Award Amount:* $400,000

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**Dayal, Sanjana PhD**  
*Program Type:* Innovative Project Award  
*Institution:* University of Iowa, Iowa City  
*City:* Iowa City  
*Project Title:* Role of gut microbiome in age-associated thrombosis  
*Award Start Date:* 7/1/2018  
*Award End Date:* 6/30/2020  
*Total Years:* 2  
*Total Award Amount:* $200,000

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**Dhanesha, Nirav PhD**  
*Program Type:* Postdoctoral Fellowship  
*Institution:* University of Iowa, Iowa City  
*City:* Iowa City  
*Project Title:* Mechanistic Role of Integrin alpha9beta1 in Modulation of Arterial Thrombosis  
*Award Start Date:* 7/1/2017  
*Award End Date:* 6/30/2019  
*Total Years:* 2  
*Total Award Amount:* $110,456

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**Dodlapattar, Prakash PhD**  
*Program Type:* Postdoctoral Fellowship  
*Institution:* University of Iowa, Iowa City  
*City:* Iowa City  
*Project Title:* (Details not provided)
Title: Mechanistic role of integrin alpha9beta1 in atherosclerosis  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $114,368

IOWA  
*Greiner, Alexander BA*  
**Program Type:** Predoctoral Fellowship  
**Institution:** University of Iowa, Iowa City  
**City:** Iowa City  
**Project Title:** Assessing the Role of MSX1 in Cardiac Fibrosis and Sudden Cardiac Death  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $53,688

IOWA  
*Grobe, Justin PhD, BS*  
**Program Type:** Established Investigator Award  
**Institution:** University of Iowa, Iowa City  
**City:** Iowa City  
**Project Title:** Hypothalamic mechanisms of cardiometabolic and obstetric disease  
**Award Start Date:** 1/1/2018  
**Award End Date:** 12/31/2022  
**Total Years:** 5  
**Total Award Amount:** $400,000

IOWA  
*Grobe, Justin PhD, BS*  
**Program Type:** Strategically Focused Research Network  
**Institution:** University of Iowa, Iowa City  
**City:** Iowa City  
**Project Title:** Molecular Mechanisms of Vasopressin-Induced Preeclampsia  
**Award Start Date:** 4/1/2015  
**Award End Date:** 3/31/2019  
**Total Years:** 4  
**Total Award Amount:** $909,912

IOWA  
*Grumbach, Isabella MD PhD*  
**Program Type:** Grant-in-Aid  
**Institution:** University of Iowa, Iowa City  
**City:** Iowa City  
**Project Title:** CaMKII in mitochondria drives smooth muscle migration and neointimal hyperplasia  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

IOWA  
*Grumbach, Isabella MD PhD*  
**Program Type:** Innovative Project Award  
**Institution:** University of Iowa, Iowa City  
**City:** Iowa City  
**Project Title:** New models of radiation endotheliopathy  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $200,000

IOWA  
*Guo, Ang BS, PhD*  
**Program Type:** Scientist Development Grant  
**Institution:** University of Iowa, Iowa City  
**City:** Iowa City  
**Project Title:** Novel functions of posttranslationally processed Junctophilin-2  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000
IOWA

Holwerda, Seth PhD
Program Type: Postdoctoral Fellowship
Institution: University of Iowa, Iowa City
City: Iowa City
Project Title: Anxiety-mediated impairments in large elastic artery function and the autonomic nervous system
Award Start Date: 1/1/2017
Award End Date: 12/31/2018
Total Years: 2
Total Award Amount: $98,950

IOWA

Idiga, Sharon BS
Program Type: Predoctoral Fellowship
Institution: University of Iowa, Iowa City
City: Iowa City
Project Title: Novel Endocrine Circuit Regulating Sugar Satiety
Award Start Date: 7/1/2018
Award End Date: 6/30/2020
Total Years: 2
Total Award Amount: $53,688

IOWA

Kassan, Modar PhD
Program Type: Career Development Award
Institution: University of Iowa, Iowa City
City: Iowa City
Project Title: miR-204/Sirt1 axis induces endothelial dysfunction by targeting vascular serotonin in diabetes/obesity
Award Start Date: 7/1/2018
Award End Date: 6/30/2021
Total Years: 3
Total Award Amount: $231,000

IOWA

Lira, Vitor PhD
Program Type: Scientist Development Grant
Institution: University of Iowa, Iowa City
City: Iowa City
Project Title: Molecular insights into exercise-mediated protection against diabetic cardiomyopathy
Award Start Date: 7/1/2016
Award End Date: 6/30/2019
Total Years: 3
Total Award Amount: $231,000

IOWA

Liu, Jing PhD, MD
Program Type: Postdoctoral Fellowship
Institution: University of Iowa, Iowa City
City: Iowa City
Project Title: MicroRNA-204 in Aortic Aneurysmal Disease
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $104,060

IOWA

Liu, Yujia BS
Program Type: Predoctoral Fellowship
Institution: University of Iowa, Iowa City
City: Iowa City
Project Title: Interplay Between AKAP1-scaffolded Calcineurin&PKA in Mitochondrial Fragmentation and Post-ischemic Neuronal Survival
Award Start Date: 1/1/2017
Award End Date: 12/31/2018
Total Years: 2
Total Award Amount: $51,900

IOWA

Matasic, Daniel BS, MBA
Program Type: Predoctoral Fellowship Institution: University of Iowa, Iowa City City: Iowa City Project Title: Post-Translational Modification Crosstalk in Cardiac Sodium Channels and Arrhythmogenesis Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $51,900

IOWA
McNeill, Elizabeth PhD, BS
Program Type: Scientist Development Grant Institution: Iowa State University City: Ames Project Title: The role of miR-987 in cardiac morphology and function Award Start Date: 1/1/2016 Award End Date: 3/31/2020 Total Years: 4 Total Award Amount: $308,000

IOWA
Nuxoll, Eric PhD, BS
Program Type: Innovative Project Award Institution: University of Iowa, Iowa City City: Iowa City Project Title: Thermoelectric Mitigation of Implant Infections Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $200,000

IOWA
Pereira Alambert, Renata BS, MS
Program Type: Scientist Development Grant Institution: University of Iowa, Iowa City City: Iowa City Project Title: Energy-Deficient Muscle as a Source for Circulating Fibroblast Growth Factor 21 Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $308,000

IOWA
Perschbacher, Katherine BA
Program Type: Predoctoral Fellowship Institution: University of Iowa, Iowa City City: Iowa City Project Title: Molecular Mechanisms of RGS2 in Preeclampsia Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $53,688

IOWA
Pierce, Gary PhD, MS
Program Type: Strategically Focused Research Network Institution: University of Iowa, Iowa City City: Iowa City Project Title: Early Vascular Dysfunction and Elevated Copeptin in Human Preeclampsia Award Start Date: 4/1/2015 Award End Date: 3/31/2019 Total Years: 4 Total Award Amount: $887,488

IOWA
Rahmouni, Kamal PhD
Program Type: Established Investigator Award Institution: University of Iowa, Iowa City City: Iowa City Project Title: mTORC1 Signaling in the Hypothalamus and Cardiovascular Regulation Award Start Date: 1/1/2014 Award End Date: 12/31/2018 Total Years: 5 Total Award Amount: $400,000
IOWA

Ripley, Brittany BS
Program Type: Predoctoral Fellowship Institution: University of Iowa, Iowa City City: Iowa City Project Title: Rad18: the master regulator of Translesion Synthesis Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

IOWA

Sabharwal, Rasna BS, MS
Program Type: Grant-in-Aid Institution: University of Iowa, Iowa City City: Iowa City Project Title: Ang-(1-7) protects against stress-induced cardiac morbidity and mortality in muscular dystrophy Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

IOWA

Santillan, Mark BS, BA
Program Type: Strategic Collaborative Grant Institution: University of Iowa, Iowa City City: Iowa City Project Title: Mechanisms of Early and Late Postpartum Hypertension in Human Preeclampsia Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $260,927

IOWA

Santillan, Mark BS, BA
Program Type: Strategically Focused Research Network Institution: University of Iowa, Iowa City City: Iowa City Project Title: Predicting Preeclampsia via Copeptin: Underrepresented Minorities & Synergy with Other Biomarkers Award Start Date: 4/1/2015 Award End Date: 3/31/2019 Total Years: 4 Total Award Amount: $1,221,000

IOWA

Sapouckey, Sarah BS
Program Type: Predoctoral Fellowship Institution: University of Iowa, Iowa City City: Iowa City Project Title: Mechanisms of the Arcuate Nucleus Leptin-Angiotensin Interaction in the Control of Metabolism Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

IOWA

Sigmund, Curt BA, MA
Program Type: Strategically Focused Research Network Institution: University of Iowa, Iowa City City: Iowa City Project Title: University of Iowa Strategically Focused Hypertension Research Center Award Start Date: 4/1/2015 Award End Date: 3/31/2019 Total Years: 4 Total Award Amount: $690,800

IOWA

Slusarski, Diane PhD
Program Type: Grant-in-Aid Institution: University of Iowa, Iowa City City: Iowa City Project Title:
Elucidating the Mechanisms of the McKusick-Kaufman syndrome gene MKKS/BBS6 in congenital heart disease

**Award Start Date:** 7/1/2017  **Award End Date:** 6/30/2019  **Total Years:** 2  **Total Award Amount:** $154,000

**IOWA**

**Song, Long-Sheng MD, MS**

Program Type: Transformational Project Award  
Institution: University of Iowa, Iowa City  
City: Iowa City  
Project Title: MG53: A double-edged sword in cardiac T-tubule damage and repair  
**Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2021  **Total Years:** 3  **Total Award Amount:** $300,000

**IOWA**

**Sylvers, Kelli BS**

Program Type: Predoctoral Fellowship  
Institution: University of Iowa, Iowa City  
City: Iowa City  
Project Title: Lipase inhibition by ANGPTL3 and ANGPTL8  
**Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2020  **Total Years:** 2  **Total Award Amount:** $53,688

**IOWA**

**Thiel, William BS, PhD**

Program Type: Innovative Project Award  
Institution: University of Iowa, Iowa City  
City: Iowa City  
Project Title: Generation of Cardiac Specific Aptamer Ligands  
**Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2020  **Total Years:** 2  **Total Award Amount:** $200,000

**IOWA**

**Thiel, William BS, PhD**

Program Type: Transformational Project Award  
Institution: University of Iowa, Iowa City  
City: Iowa City  
Project Title: Deciphering mechanisms of vascular disease with cell and process specific ligands  
**Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2021  **Total Years:** 3  **Total Award Amount:** $300,000

**IOWA**

**Udofot, Ofonime BSC, MSc**

Program Type: Postdoctoral Fellowship  
Institution: University of Iowa, Iowa City  
City: Iowa City  
Project Title: Inhibition of extracellular histones in myocardial depression in sepsis  
**Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2020  **Total Years:** 2  **Total Award Amount:** $106,532

**IOWA**

**Urak, Kevin BS, MS**

Program Type: Predoctoral Fellowship  
Institution: University of Iowa, Iowa City  
City: Iowa City  
Project Title: Targeting Extracellular Histones with RNA Aptamers for the Treatment of Sepsis  
**Award Start Date:** 1/1/2017  **Award End Date:** 12/31/2018  **Total Years:** 2  **Total Award Amount:** $51,900
IOWA

**Vikram, Ajit BS, MS**
*Program Type:* Career Development Award  
*Institution:* University of Iowa, Iowa City  
*City:* Iowa City  
*Project Title:* Gut-microbiota sensitive vascular microRNA-204 promotes diabetes-associated endothelial dysfunction  
*Award Start Date:* 7/1/2018  
*Award End Date:* 6/30/2021  
*Total Years:* 3  
*Total Award Amount:* $231,000

IOWA

**Weiss, Robert MD**
*Program Type:* Innovative Project Award  
*Institution:* University of Iowa, Iowa City  
*City:* Iowa City  
*Project Title:* Targeting Transient Receptor Potential Cation Channel Subfamily V Member 4 Signaling in Aortic Valve Disease  
*Award Start Date:* 7/1/2018  
*Award End Date:* 6/30/2020  
*Total Years:* 2  
*Total Award Amount:* $200,000

IOWA

**Wu, Jing MD, PhD**
*Program Type:* Postdoctoral Fellowship  
*Institution:* University of Iowa, Iowa City  
*City:* Iowa City  
*Project Title:* The Role of Endothelial Cullin3 in Vascular Function and Blood Pressure Regulation  
*Award Start Date:* 7/1/2017  
*Award End Date:* 6/30/2019  
*Total Years:* 2  
*Total Award Amount:* $104,060

IOWA

**Yang, Ling PhD**
*Program Type:* Scientist Development Grant  
*Institution:* University of Iowa, Iowa City  
*City:* Iowa City  
*Project Title:* Integration of Inflammatory Signaling and the Unfolded Protein Response by Nitrosylation Signaling in Obesity  
*Award Start Date:* 7/1/2015  
*Award End Date:* 6/30/2019  
*Total Years:* 4  
*Total Award Amount:* $308,000

KANSAS

**Kozai, Keisuke PhD**
*Program Type:* Postdoctoral Fellowship  
*Institution:* University of Kansas Medical Center  
*City:* Kansas City  
*Project Title:* Trophoblast-directed pathways regulating uterine spiral artery restructuring  
*Award Start Date:* 1/1/2017  
*Award End Date:* 12/31/2018  
*Total Years:* 2  
*Total Award Amount:* $98,950

KANSAS

**McFarlane, Jeff BS, MA**
*Program Type:* Predoctoral Fellowship  
*Institution:* University of Kansas, Lawrence  
*City:* Lawrence  
*Project Title:* Staphylopine Biosynthesis as an Antimicrobial Target in Staphylococcus aureus Infective Endocarditis  
*Award Start Date:* 7/1/2018  
*Award End Date:* 6/30/2020  
*Total Years:* 2  
*Total Award Amount:* $53,688
KANSAS

Miao, Yinglong PhD
Program Type: Scientist Development Grant Institution: University of Kansas, Lawrence City: Lawrence
Project Title: Structure-Based Design of Allosteric Enhancers of the Adenosine A1 Receptor Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

KENTUCKY

Berron, Bradley PhD, BS
Program Type: Innovative Project Award Institution: University of Kentucky, Lexington City: Lexington
Project Title: Intentional positioning of cells in a decellularized heart Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $200,000

KENTUCKY

Cassis, Lisa BS, PhD
Program Type: Strategically Focused Research Network Institution: University of Kentucky, Lexington City: Lexington
Project Title: Sexual dimorphism of aortopathies Award Start Date: 4/1/2018 Award End Date: 3/31/2022 Total Years: 4 Total Award Amount: $1,042,800

KENTUCKY

Daugherty, Alan PhD, DSc
Program Type: Strategically Focused Research Network Institution: University of Kentucky, Lexington City: Lexington
Project Title: Role of sex hormones on elastin stability in formation of thoracic aortopathies Award Start Date: 4/1/2018 Award End Date: 3/31/2022 Total Years: 4 Total Award Amount: $1,042,800

KENTUCKY

Daugherty, Alan PhD, DSc
Program Type: Strategically Focused Research Network Institution: University of Kentucky- Baylor College of Medicine Aortopathy Research Center City: Lexington
Project Title: University of Kentucky- Baylor College of Medicine Aortopathy Research Center Award Start Date: 4/1/2018 Award End Date: 3/31/2022 Total Years: 4 Total Award Amount: $580,800

KENTUCKY

Jones, Steven PhD
Program Type: Mentor-AHA Mentee Award Institution: University of Louisville City: Louisville
Project Title: Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: $60,000

KENTUCKY

Kopechek, Jonathan BS, PhD
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KENTUCKY

**Kraemer, Maria BS, PhD**
Program Type: Postdoctoral Fellowship  
Institution: University of Kentucky, Lexington  
City: Lexington  
Project Title: Regulation and Function of Lipoprotein Associated Bioactive Lysophospholipid Mediators of Atherosclerosis  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2020  
Total Years: 2  
Total Award Amount: $104,060

KENTUCKY

**Lee, Sangderk PhD**
Program Type: Grant-in-Aid  
Institution: University of Kentucky College of Medicine  
City: Lexington  
Project Title: Deciphering the regulatory mechanism of hepatic VLDL production by heparin binding EGF-like growth factor (HB-EGF)  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000

KENTUCKY

**Ly, Han BS**
Program Type: Predoctoral Fellowship  
Institution: University of Kentucky, Lexington  
City: Lexington  
Project Title: Role of diabetes-associated amylin dyshomeostasis in stroke  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2020  
Total Years: 2  
Total Award Amount: $53,688

KENTUCKY

**Muradashvili, Nino MD**
Program Type: Scientist Development Grant  
Institution: University of Louisville  
City: Louisville  
Project Title: Hyperhomocysteinemia exacerbates short-term memory reduction after traumatic brain injury  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2020  
Total Years: 3  
Total Award Amount: $231,000

KENTUCKY

**Nystoriak, Matthew BA, PhD**
Program Type: Scientist Development Grant  
Institution: University of Louisville  
City: Louisville  
Project Title: Compartmentalized cAMP signaling in diabetic vascular dysfunction.  
Award Start Date: 1/1/2016  
Award End Date: 6/30/2020  
Total Years: 4  
Total Award Amount: $308,000

KENTUCKY

**Pushpakumar, Sathnur PhD, MD**
Program Type: Scientist Development Grant  
Institution: University of Louisville  
City: Louisville  
Project Title: Ultrasound-Targeted Delivery of miRNA Therapeutics for Cardiac Repair after Myocardial Infarction  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2020  
Total Years: 3  
Total Award Amount: $231,000
Title: Epigenetic Mechanism of Renovascular Remodeling in Hyperhomocysteinemia  
Award Start Date: 7/1/2015  
Award End Date: 6/30/2019  
Total Years: 4  
Total Award Amount: $308,000

KENTUCKY
Satin, Jonathan PhD  
Program Type: Undergraduate fellowship  
Institution: University of Kentucky, Lexington  
City: Lexington  
Project Title: University of Kentucky Undergraduate Training in Cardiovascular Research  
Award Start Date: 2/1/2017  
Award End Date: 1/31/2020  
Total Years: 3  
Total Award Amount: $60,000

KENTUCKY
Sawada, Hisashi MD, PhD  
Program Type: Postdoctoral Fellowship  
Institution: University of Kentucky, Lexington  
City: Lexington  
Project Title: The impact of smooth muscle cell embryonic origin on TGF - beta signaling during thoracic aortic aneurysm formation  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2020  
Total Years: 2  
Total Award Amount: $122,960

KENTUCKY
Stivers, Katlin BA, MS  
Program Type: Predoctoral Fellowship  
Institution: University of Louisville  
City: Louisville  
Project Title: Regulation of Adipose Tissue Inflammation by Resident Myeloid Derived Suppressor Cells  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $53,688

KENTUCKY
Veeranki, Sudhakar PhD, DVM  
Program Type: Scientist Development Grant  
Institution: University of Louisville  
City: Louisville  
Project Title: Role of hydrogen sulfide in mitochondrial remodeling and myocardial energetics  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2020  
Total Years: 3  
Total Award Amount: $231,000

KENTUCKY
Venditto, Vincent PhD  
Program Type: Scientist Development Grant  
Institution: University of Kentucky, Lexington  
City: Lexington  
Project Title: Understanding the role of autoantibodies targeting ApoA-I  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2019  
Total Years: 3  
Total Award Amount: $231,000

KENTUCKY
Weaver, Chelsea BS, AS  
Program Type: Predoctoral Fellowship  
Institution: University of Kentucky, Lexington  
City: Lexington  
Project Title: The African Green Monkey: A Novel Model of Spontaneous Hypertensive Pregnancy Disorders  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $53,688
KENTUCKY

Wei, Yinan BS, MS
Program Type: Grant-in-Aid Institution: University of Kentucky, Lexington City: Lexington Project Title: Role of E. coli ETT2 in endothelial disruption and sepsis Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

LOUISIANA

Alam, Shafiul PhD, MSc
Program Type: Postdoctoral Fellowship Institution: Louisiana State University Health Sciences Center Shreveport City: Shreveport Project Title: Sigmar1 autophagic function in protecting cardiac proteotoxicity Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532

LOUISIANA

Chaparro Lanfranco, Maria Pia PhD, MS
Program Type: Scientist Development Grant Institution: Tulane University, New Orleans City: New Orleans Project Title: The impact of the 2009 WIC food package change on child obesity: an innovative quasi-experimental approach Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: $230,627

LOUISIANA

Finney, Alexandra BS
Program Type: Predoctoral Fellowship Institution: Louisiana State University Health Sciences Center Shreveport City: Shreveport Project Title: EphA2 Mediates Vascular Smooth Muscle Fibroproliferative Response in Vascular Remodeling Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $51,900

LOUISIANA

Intapad, Suttira BSC, PhD
Program Type: Scientist Development Grant Institution: Tulane University, New Orleans City: New Orleans Project Title: Maternal preeclampsia programs hypertension in mouse offspring. Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

LOUISIANA

Jin, Liliang PhD
Program Type: Postdoctoral Fellowship Institution: Louisiana State University, Baton Rouge City: Baton Rouge Project Title: NLRP6 in Bacterial Pneumonia Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532
LOUISIANA

Lee, Reggie PhD, BS
Program Type: Postdoctoral Fellowship Institution: Louisiana State University Health Sciences Center Shreveport City: Shreveport Project Title: Therapeutic potential of palmitic acid methyl ester against cerebral ischemia Award Start Date: 7/1/2017 Award End Date: 12/30/2019 Total Years: 2 Total Award Amount: $114,368

LOUISIANA

Lin, Hung Wen BS, PhD
Program Type: Grant-in-Aid Institution: Louisiana State University Health Sciences Center Shreveport City: Shreveport Project Title: Neuronal fatty acid methylation by protein arginine methyltransferase Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

LOUISIANA

Liu, Hongbing PhD
Program Type: Scientist Development Grant Institution: Tulane University, New Orleans City: New Orleans Project Title: The roles of Histone Deacetylase 1 and 2 in Nephron Endowment Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: $231,000

LOUISIANA

Meadows, Stryder PhD, BS
Program Type: Scientist Development Grant Institution: Tulane University, New Orleans City: New Orleans Project Title: Molecular characterization of vascular anastomosis Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

LOUISIANA

Rutkai, Ibolya MSc, PhD
Program Type: Scientist Development Grant Institution: Tulane University, New Orleans City: New Orleans Project Title: Estrogen mediated protection against stroke: mitochondria as subcellular targets of nitric oxide. Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

LOUISIANA

Sharp, Thomas BA, PhD
Program Type: Postdoctoral Fellowship Institution: Louisiana State University, New Orleans City: New Orleans Project Title: Combine Cell Therapy and Renal Denervation to Prevent Heart Failure after Myocardial Infarction Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $103,328
LOUISIANA
Vozenilek, Aimee BS
**Program Type:** Predoctoral Fellowship  
**Institution:** Louisiana State University Health Sciences Center  
**City:** Shreveport  
**Project Title:** Contribution of myeloid-associated lipin-1 to macrophage pro-inflammatory responses  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $53,688

LOUISIANA
Wang, Jeffrey BS
**Program Type:** Clinical Health Profession Student Training Program  
**Institution:** Louisiana State University, New Orleans  
**City:** New Orleans  
**Project Title:** Synthetic Degradation of Activated STAT6 by PARP1 Inhibition in TH2 Response  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $53,688

MAINE
Harrison, David PhD
**Program Type:** Collaborative Sciences Award  
**Institution:** The Jackson Laboratory  
**City:** Bar Harbor  
**Project Title:** Neurovascular interactions in adipose tissue and effects on cardiometabolic health  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $1

MAINE
Lessard, Amanda BS, PhD
**Program Type:** Postdoctoral Fellowship  
**Institution:** Maine Medical Center  
**City:** Portland  
**Project Title:** Role of retinoids during myocardial infarction  
**Award Start Date:** 1/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $98,950

MAINE
Liaw, Lucy PhD
**Program Type:** Grant-in-Aid  
**Institution:** Maine Medical Center  
**City:** Portland  
**Project Title:** The vascular-adipose microenvironment and susceptibility to vascular disease  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

MAINE
Liaw, Lucy PhD
**Program Type:** Undergraduate fellowship  
**Institution:** Maine Medical Center  
**City:** Portland  
**Project Title:** Enhancing the diversity of college student research interns at Maine Medical Center  
**Award Start Date:** 4/1/2018  
**Award End Date:** 3/31/2021  
**Total Years:** 3  
**Total Award Amount:** $60,000

MAINE
Robich, Michael MD
Program Type: Mentored Clinical & Population Research Program Institution: Maine Medical Center City: Portland Project Title: Resveratrol in diabetic patients undergoing cardiac surgery Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

MAINE
Rosenthal, Nadia
Program Type: Innovative Research Grant Institution: The Jackson Laboratory City: Bar Harbor Project Title: Heart-Specific Modulation of Macrophages Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $150,000

MAINE
Townsend, Kristy PhD
Program Type: Collaborative Sciences Award Institution: University of Maine City: Orono Project Title: Neurovascular interactions in adipose tissue and effects on cardiometabolic health Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $749,999

MARYLAND
Abraham, Maria Roselle MBBS
Program Type: Innovative Research Grant Institution: Johns Hopkins University School of Medicine City: Baltimore Project Title: Microfluidic 3-D Printing of Myocardial Tissue Constructs to Examine the Metabolic Basis of Hypertrophic Cardiomyopathy Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $149,562

MARYLAND
Agnetti, Giulio PhD
Program Type: Transformational Project Award Institution: Johns Hopkins University School of Medicine City: Baltimore Project Title: Novel Mechanisms and Therapies for Proteopathic Heart Failure Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

MARYLAND
Ahima, Rexford MD PhD
Program Type: Strategically Focused Research Network Institution: Johns Hopkins University City: Baltimore Project Title: Metabolic and Cardiovascular Effects of Time-Restricted Feeding in Obese Mice Award Start Date: 4/1/2017 Award End Date: 3/31/2021 Total Years: 4 Total Award Amount: $669,341

MARYLAND
Anderson, Mark MD PhD
Program Type: Collaborative Sciences Award Institution: Johns Hopkins University School of Medicine City: Baltimore Project Title: Defining a new metabolic pathway in myocardial disease Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: $375,000
MARYLAND
Bahouth, Mona MSN, MD
Program Type: Innovative Project Award
Institution: Johns Hopkins University School of Medicine
City: Baltimore
Project Title: Hydration is vital: Understanding the neuro-consequences of dehydration after stroke
Award Start Date: 7/1/2018
Award End Date: 6/30/2020
Total Years: 2
Total Award Amount: $198,590

MARYLAND
Bahouth, Mona MSN, MD
Program Type: Career Development Award
Institution: Johns Hopkins University School of Medicine
City: Baltimore
Project Title: Dehydration and early stroke outcome
Award Start Date: 7/1/2018
Award End Date: 6/30/2021
Total Years: 3
Total Award Amount: $231,000

MARYLAND
Barreto, Sebastian BS, PhD
Program Type: Postdoctoral Fellowship
Institution: Johns Hopkins University School of Medicine
City: Baltimore
Project Title: Investigating blue light activation of opsins as a novel approach to treat vasoconstrictive diseases
Award Start Date: 7/1/2018
Award End Date: 6/30/2020
Total Years: 2
Total Award Amount: $110,456

MARYLAND
Barth, Andreas MD PhD
Program Type: Scientist Development Grant
Institution: Johns Hopkins University School of Medicine
City: Baltimore
Project Title: Linking Electrical and Metabolic Remodeling in the Failing Heart via Alternatively Splicing
Award Start Date: 7/1/2016
Award End Date: 6/30/2019
Total Years: 3
Total Award Amount: $231,000

MARYLAND
Bennett, Wendy MD
Program Type: Strategically Focused Research Network
Institution: Johns Hopkins University
City: Baltimore
Project Title: The impact of timing of eating on weight: A Multi-site Cohort Study using The Metabolic Compass Mobile Application
Award Start Date: 4/1/2017
Award End Date: 3/31/2021
Total Years: 4
Total Award Amount: $1,033,330

MARYLAND
Bogorad, Maxim BS
Program Type: Predoctoral Fellowship
Institution: Johns Hopkins University
City: Baltimore
Project Title: In Vitro Vasculature for Investigating Mechanisms of Neutrophil Induced Capillary No-Reflow in Ischemia Reperfusion
Award Start Date: 1/1/2017
Award End Date: 12/31/2018
Total Years: 2
Total Award Amount: $51,900
MARYLAND

Boyle, Patrick BSC, PhD
Program Type: Scientist Development Grant  Institution: Johns Hopkins University  City: Baltimore
Project Title: Patient-specific modeling to unveil mechanistic insights on perpetuation and ablation of persistent atrial fibrillation  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

MARYLAND

Boyman, Liron PhD
Program Type: Scientist Development Grant  Institution: University of Maryland, Baltimore  City: Baltimore
Project Title: Mitochondrial Calcium Signaling in Heart; Physiological and Pathophysiological Implications  Award Start Date: 1/1/2015  Award End Date: 12/31/2018  Total Years: 4  Total Award Amount: $308,000

MARYLAND

Catania, Selen PhD
Program Type: Scientist Development Grant  Institution: University of Maryland, Baltimore  City: Baltimore
Project Title: Role of LRP1 in Regulating Aneurysm Formation & Inflammation in the Vasculature  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

MARYLAND

Cihakova, Daniela PhD, MD
Program Type: Grant-in-Aid  Institution: Johns Hopkins University School of Medicine  City: Baltimore
Project Title: DRIVERS OF POST-INFARCT CARIDIAC REMODELING  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

MARYLAND

Clark, Jeanne MD, MPH
Program Type: Strategically Focused Research Network  Institution: Johns Hopkins University  City: Baltimore
Project Title: The role of time-restricted feeding on obesity and cardiometabolic health  Award Start Date: 4/1/2017  Award End Date: 3/31/2021  Total Years: 4  Total Award Amount: $668,741

MARYLAND

 Cole, John MS, MD
Program Type: Institute - Bayer Discovery Grant  Institution: University of Maryland, Baltimore  City: Baltimore
Project Title: The genetics and biomarkers of small vessel stroke  Award Start Date: 7/1/2017  Award End Date: 12/31/2018  Total Years: 2  Total Award Amount: $150,000
MARYLAND

Cudmore, Robert PhD
Program Type: Scientist Development Grant Institution: Johns Hopkins University School of Medicine City: Baltimore Project Title: Longitudinal in vivo two-photon imaging of cerebral vascular plasticity following stroke in awake, behaving young and ag Award Start Date: 1/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: $308,000

MARYLAND

Doshi, Ashish PhD, MD
Program Type: Postdoctoral Fellowship Institution: Johns Hopkins University City: Baltimore Project Title: Personalized, image-based computational models for ventricular arrhythmia risk assessment in myocarditis Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $125,120

MARYLAND

Foster, D Brian PhD
Program Type: Transformational Project Award Institution: Johns Hopkins University School of Medicine City: Baltimore Project Title: Preserving Cardiac Retinoic Acid Homeostasis as a Therapeutic Approach to Heart Failure Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

MARYLAND

Frank, Kristi BS, BS
Program Type: Scientist Development Grant Institution: The Henry M Jackson Foundation for the Advancement of Military Medicine City: Bethesda Project Title: Role of Enterococcus faecalis pstB1 transcriptional activation in endocarditis and biofilm formation Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

MARYLAND

Fu, Mao MD PhD
Program Type: Grant-in-Aid Institution: University of Maryland, Baltimore City: Baltimore Project Title: Functional genetic variants for lipoprotein (a) levels Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

MARYLAND

Fu, Yingli BS, ME
Program Type: Scientist Development Grant Institution: Johns Hopkins University School of Medicine City: Baltimore Project Title: High-throughput generation of image-visible embolic microcapsules for obesity treatment Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000
MARYLAND

**Fukunaga, Ryuya PhD**

**Program Type:** Scientist Development Grant  
**Institution:** Johns Hopkins University School of Medicine  
**City:** Baltimore  
**Project Title:** Regulatory mechanisms in small RNA silencing  
**Award Start Date:** 1/1/2015  
**Award End Date:** 12/31/2018  
**Total Years:** 4  
**Total Award Amount:** $308,000

MARYLAND

**Gao, Wei Dong DPhil, MD**

**Program Type:** Grant-in-Aid  
**Institution:** Johns Hopkins University School of Medicine  
**City:** Baltimore  
**Project Title:** Myofilament Desensitization in Hypertrophic Cardiomyopathy in Mice  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

MARYLAND

**Gerecht, Sharon PhD**

**Program Type:** Established Investigator Award  
**Institution:** Johns Hopkins University  
**City:** Baltimore  
**Project Title:** REGULATING HYPOXIA IN SYNTHETIC HYDROGELS FOR THE CONSTRUCTION AND DELIVERY OF VASCULAR NETWORKS TO ALLEVIATE ISCHEMIA  
**Award Start Date:** 1/1/2015  
**Award End Date:** 12/31/2018  
**Total Years:** 4  
**Total Award Amount:** $320,000

MARYLAND

**Hahn, Jin-Oh PhD, MS**

**Program Type:** Innovative Project Award  
**Institution:** University of Maryland  
**City:** College Park  
**Project Title:** Ultra-Convenient Cardiovascular Risk Predictors Measurement Based on the Ballistocardiogram  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $200,000

MARYLAND

**Halushka, Marc BS, MD PhD**

**Program Type:** Grant-in-Aid  
**Institution:** Johns Hopkins University School of Medicine  
**City:** Baltimore  
**Project Title:** Profiling Intercalated Disc Components in Arrhythmogenic Cardiomyopathy  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $154,000

MARYLAND

**Han, Xiaoning PhD, MD**

**Program Type:** Scientist Development Grant  
**Institution:** Johns Hopkins University School of Medicine  
**City:** Baltimore  
**Project Title:** Role of Secreted Frizzled-related Protein 3 in Regulation of Inflammation after Intracerebral Hemorrhage  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

MARYLAND

**Hart, Gerald PhD**
Program Type: Collaborative Sciences Award 
Institution: Johns Hopkins University School of Medicine 
City: Baltimore 
Project Title: Defining a new metabolic pathway in myocardial disease 
Award Start Date: 7/1/2017 
Award End Date: 6/30/2020 
Total Years: 3 
Total Award Amount: $375,000

MARYLAND
Hays, Allison MD
Program Type: Grant-in-Aid 
Institution: Johns Hopkins University School of Medicine 
City: Baltimore 
Project Title: Mechanisms relating PCSK9, inflammation and coronary endothelial dysfunction in HIV+ people 
Award Start Date: 7/1/2017 
Award End Date: 6/30/2019 
Total Years: 2 
Total Award Amount: $154,000

MARYLAND
Hibino, Narutoshi MD, PhD
Program Type: Innovative Project Award 
Institution: Johns Hopkins University School of Medicine 
City: Baltimore 
Project Title: Bio 3d printed cardiac tissue to investigate pathogenesis of single ventricle 
Award Start Date: 7/1/2018 
Award End Date: 6/30/2020 
Total Years: 2 
Total Award Amount: $200,000

MARYLAND
Kass, David MD
Program Type: Strategically Focused Research Network 
Institution: Johns Hopkins University 
City: Baltimore 
Project Title: Female sex-hormones and cyclic GMP-PKG Modulation of Cardiac Disease and Metabolism 
Award Start Date: 4/1/2016 
Award End Date: 3/31/2020 
Total Years: 4 
Total Award Amount: $1,130,800

MARYLAND
Kim, Grace BA, PhD
Program Type: Postdoctoral Fellowship 
Institution: Johns Hopkins University School of Medicine 
City: Baltimore 
Project Title: Mechanisms and chronic efficacy of phosphodiesterase1 inhibition to enhance cardiac contractility 
Award Start Date: 7/1/2018 
Award End Date: 6/30/2020 
Total Years: 2 
Total Award Amount: $114,368

MARYLAND
Konstantinidis, Klitos MD
Program Type: Postdoctoral Fellowship 
Institution: Johns Hopkins University School of Medicine 
City: Baltimore 
Project Title: A novel pathway to prevent excessive CaMKII activation 
Award Start Date: 7/1/2018 
Award End Date: 6/30/2020 
Total Years: 2 
Total Award Amount: $122,960

MARYLAND
Kuzmiak-Glancy, Sarah BS, PhD
Program Type: Scientist Development Grant 
Institution: University of Maryland 
City: College Park
Project Title: Matching Myocardial Energy Supply to Increases in Demand: Altered Calcium Activation in Heart Failure  
Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

MARYLAND  
Kwon, Chulan PhD  
Program Type: Established Investigator Award  
Institution: Johns Hopkins University School of Medicine  
City: Baltimore  
Project Title: Understanding the Biology of Cardiac Progenitors and Myocytes  
Award Start Date: 1/1/2018 Award End Date: 12/31/2022 Total Years: 5 Total Award Amount: $399,995

MARYLAND  
Kwon, Chulan PhD  
Program Type: Grant-in-Aid  
Institution: Johns Hopkins University School of Medicine  
City: Baltimore  
Project Title: Role of Spalt-like Gene in Cardiac Development  
Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

MARYLAND  
Lan, Xi PhD  
Program Type: Postdoctoral Fellowship  
Institution: Johns Hopkins University School of Medicine  
City: Baltimore  
Project Title: Role of Soluble Epoxide Hydrolase in Gray and White Matter Injury after Intracerebral Hemorrhage  
Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $114,368

MARYLAND  
Lee-Summers, Jennifer MD, BA  
Program Type: Transformational Project Award  
Institution: Johns Hopkins University School of Medicine  
City: Baltimore  
Project Title: Proteasome modulation as a novel therapeutic for neonatal encephalopathy  
Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

MARYLAND  
Li, Deqiang PhD  
Program Type: Scientist Development Grant  
Institution: University of Maryland, Baltimore  
City: Baltimore  
Project Title: Assessment and promotion of postnatal mammalian cardiomyocyte proliferation  
Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: $231,000

MARYLAND  
Li, Xiaowei PhD  
Program Type: Career Development Award  
Institution: Johns Hopkins University School of Medicine
City: Baltimore Project Title: Promoting Organization and Integration of Transplanted Stem cells for Brain Tissue Regeneration after Stroke Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

MARYLAND
Lin, Michelle MD, MPH
Program Type: Mentored Clinical & Population Research Program Institution: Johns Hopkins University School of Medicine City: Baltimore Project Title: Determinants of Collateral Perfusion Failure after Nonlacunar Stroke Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

MARYLAND
Liu, Peiying PhD
Program Type: Grant-in-Aid Institution: Johns Hopkins University School of Medicine City: Baltimore Project Title: A one-stop-shop scheme for hemodynamic imaging in cerebrovascular diseases Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

MARYLAND
Marsh, Elisabeth MD
Program Type: Innovative Project Award Institution: Johns Hopkins University School of Medicine City: Baltimore Project Title: Imaging the Network: Using MEG to Understand the Pathophysiology of Cognitive Deficits After Minor Stroke Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $200,000

MARYLAND
Maruthur, Nisa MD
Program Type: Strategically Focused Research Network Institution: Johns Hopkins University City: Baltimore Project Title: The Effect of Time-Restricted, Isocaloric Feeding on Weight: A Randomized Feeding Study in Obese Adults Award Start Date: 4/1/2017 Award End Date: 3/31/2021 Total Years: 4 Total Award Amount: $1,337,788

MARYLAND
Mistriotis, Panagiotis BS, MSc
Program Type: Postdoctoral Fellowship Institution: Johns Hopkins University City: Baltimore Project Title: Effect of compressive forces on vascular cell migration Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532

MARYLAND
Montasser, May BS, MS
Program Type: Grant-in-Aid Institution: University of Maryland, Baltimore City: Baltimore Project Title:
Identification and characterization of a novel LDL lowering locus on a founder population. 

**Award**

**Start Date:** 7/1/2017  **End Date:** 6/30/2019  **Total Years:** 2  **Total Award Amount:** $154,000

MARYLAND

**Ong, Chin Siang MBBS, MBBS**

**Program Type:** Predoctoral Fellowship  **Institution:** Johns Hopkins University School of Medicine  **City:** Baltimore  **Project Title:** Novel Stem Cell Therapy for Heart Failure Using 3D Printed Cardiac Tissue  
**Award Start Date:** 7/1/2017  **Award End Date:** 6/30/2019  **Total Years:** 2  **Total Award Amount:** $53,688

MARYLAND

**Osei-Owusu, James BSC, MSc**

**Program Type:** Predoctoral Fellowship  **Institution:** Johns Hopkins University School of Medicine  **City:** Baltimore  **Project Title:** Role of Volume-Regulated Anion Channel in Glutamate Release and Ischemic Stroke  
**Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2020  **Total Years:** 2  **Total Award Amount:** $53,688

MARYLAND

**Ouyang, Pamela MBBS**

**Program Type:** Strategically Focused Research Network  **Institution:** Johns Hopkins University School of Medicine  **City:** Baltimore  **Project Title:** Heart Failure with Preserved EF: Female sex-hormones and cyclic GMP-PKG Modulation of Cardiac Disease and Metabolism  
**Award Start Date:** 4/1/2016  **Award End Date:** 3/31/2020  **Total Years:** 4  **Total Award Amount:** $682,004

MARYLAND

**Ouyang, Pamela MBBS**

**Program Type:** Strategic Collaborative Grant  **Institution:** Johns Hopkins University School of Medicine  **City:** Baltimore  **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:** $153,969

MARYLAND

**Pandey, Deepesh BA, PhD**

**Program Type:** Scientist Development Grant  **Institution:** Johns Hopkins University School of Medicine  **City:** Baltimore  **Project Title:** HDAC2 modulates Atherosclerosis  
**Award Start Date:** 1/1/2016  **Award End Date:** 12/31/2019  **Total Years:** 4  **Total Award Amount:** $308,000

MARYLAND

**Pashakhanloo, Farhad PhD, BS**

**Program Type:** Postdoctoral Fellowship  **Institution:** Johns Hopkins University  **City:** Baltimore  **Project Title:** High-resolution imaging and modeling approaches to study infarct-related arrhythmias  
**Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2020  **Total Years:** 2  **Total Award Amount:** $104,060
MARYLAND

Pasrija, Chetan MD
Program Type: Postdoctoral Fellowship Institution: University of Maryland, Baltimore City: Baltimore Project Title: Novel Treatment Repair for Ischemic Mitral Regurgitation Award Start Date: 7/1/2018 Award End Date: 6/30/2019 Total Years: 1 Total Award Amount: $56,140

MARYLAND

Pham, Luu BS, MD
Program Type: Mentored Clinical & Population Research Program Institution: Johns Hopkins University School of Medicine City: Baltimore Project Title: Acute Effects of Nocturnal Hypoxemia on Cardiometabolic Stress and Gene Expression Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

MARYLAND

Post, Wendy MD, MS
Program Type: Strategically Focused Research Network Institution: Johns Hopkins University School of Medicine City: Baltimore Project Title: Sex Differences in Hormonal and Cyclic GMP Dependent Pathways to Heart Failure with Preserved Ejection Fraction Award Start Date: 4/1/2016 Award End Date: 3/31/2020 Total Years: 4 Total Award Amount: $812,764

MARYLAND

Ranek, Mark BS, PhD
Program Type: Career Development Award Institution: Johns Hopkins University School of Medicine City: Baltimore Project Title: PKG Phosphorylates Chip to Enhance Cardiac Protein Quality Control and Function Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

MARYLAND

Ruan, Linhao BS, MS
Program Type: Predoctoral Fellowship Institution: Johns Hopkins University School of Medicine City: Baltimore Project Title: Understanding the mechanisms of Mitochondria as Guardian in Cytosol Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $53,688

MARYLAND

Saria, Suchi PhD
Program Type: Institute - AI and ML Institution: Johns Hopkins University City: Baltimore Project Title: Real-Time Prediction of Cardiogenic Shock in Acute Decompensated Heart Failure Using Machine Learning Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $200,000
MARYLAND

**Schar, Michael PhD**

Program Type: Scientist Development Grant
Institution: Johns Hopkins University School of Medicine
City: Baltimore
Project Title: Improving Noninvasive Coronary Endothelial Function Measures for Greater Research Impact and towards Clinical Use
Award Start Date: 7/1/2017
Award End Date: 6/30/2020
Total Years: 3
Total Award Amount: $231,000

MARYLAND

**Schmidt, William PhD**

Program Type: Postdoctoral Fellowship
Institution: Johns Hopkins University School of Medicine
City: Baltimore
Project Title: Investigation of Actin Acetylation as a Modulator of Cardiac Muscle Performance
Award Start Date: 7/1/2017
Award End Date: 8/30/2019
Total Years: 2
Total Award Amount: $106,532

MARYLAND

**Sharma, Sudhish PhD**

Program Type: Career Development Award
Institution: University of Maryland, Baltimore
City: Baltimore
Project Title: Characterization of the Cardiac Progenitor Cell derived Exosomes for Optimal Therapeutics
Award Start Date: 7/1/2018
Award End Date: 6/30/2021
Total Years: 3
Total Award Amount: $231,000

MARYLAND

**Shilagardi, Khurts PhD**

Program Type: Scientist Development Grant
Institution: Johns Hopkins University
City: Baltimore
Project Title: Novel function of ABC transporters in cell fusion.
Award Start Date: 7/1/2015
Award End Date: 6/30/2019
Total Years: 4
Total Award Amount: $308,000

MARYLAND

**Wan, Jieru MD, MS**

Program Type: Postdoctoral Fellowship
Institution: Johns Hopkins University School of Medicine
City: Baltimore
Project Title: Iron-dependent lipid peroxidation after intracerebral hemorrhage
Award Start Date: 7/1/2018
Award End Date: 6/30/2020
Total Years: 2
Total Award Amount: $114,368

MARYLAND

**Wan, Mei PhD**

Program Type: Grant-in-Aid
Institution: Johns Hopkins University School of Medicine
City: Baltimore
Project Title: Mechanisms of Parathyroid Hormone-Accelerated Endothelium Repair
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $154,000

MARYLAND

**Wang, Jian PhD, MD**
Program Type: Grant-in-Aid  Institution: Johns Hopkins University School of Medicine  City: Baltimore  
Project Title: 20-HETE and hemorrhagic brain injury  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

MARYLAND  
Whelton, Seamus BA, MPH  
Program Type: Mentored Clinical & Population Research Program  Institution: Johns Hopkins University School of Medicine  City: Baltimore  
Project Title: Modeling the long-term impact of coronary artery calcium on the competing risk of CVD versus non-CVD mortality  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

MARYLAND  
Yun, Xin MD, PhD  
Program Type: Postdoctoral Fellowship  Institution: Johns Hopkins University School of Medicine  City: Baltimore  
Project Title: Aquaporin 1-mediated resistance to apoptosis during pulmonary hypertension.  Award Start Date: 7/1/2018  Award End Date: 6/30/2020  Total Years: 2  Total Award Amount: $106,532

MARYLAND  
Zhong, Li PhD  
Program Type: Transformational Project Award  Institution: University of Maryland, Baltimore  City: Baltimore  
Project Title: A novel radiation-resistant CD11b-expressing leukocyte population with atheroprotective activities  Award Start Date: 7/1/2018  Award End Date: 6/30/2021  Total Years: 3  Total Award Amount: $300,000

MARYLAND  
Zimmerman, Stefan MD, BA  
Program Type: Grant-in-Aid  Institution: Johns Hopkins University School of Medicine  City: Baltimore  
Project Title: Spectral CT Extracellular Volume Mapping for Quantification of Focal Myocardial Fibrosis  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $154,000

MASSACHUSETTS  
Abrams, Dominic MBBS, MD  
Program Type: Collaborative Sciences Award  Institution: Boston Children’s Hospital  City: Boston  
Project Title: Towards precision medicine in inherited arrhythmias using patient-derived induced pluripotent stem cells  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $59,400

MASSACHUSETTS  
Aguirre, Aaron MD PhD  
Program Type: Fellow-to-Faculty Transition Award  Institution: Massachusetts General Hospital  City: 
Boston **Project Title:** Cellular imaging of ischemia/reperfusion injury in the beating heart **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2019 **Total Years:** 5 **Total Award Amount:** $593,000

MASSACHUSETTS

**Allegretti, Andrew MD**

*Program Type:* Career Development Award  
*Institution:* Massachusetts General Hospital  
*City:* Boston  
*Project Title:* Vascular Activation in Hepatorenal Syndrome  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $231,000

MASSACHUSETTS

**Almamun, Md PhD, MS**

*Program Type:* Postdoctoral Fellowship  
*Institution:* Boston Children’s Hospital  
*City:* Boston  
*Project Title:* Determine the role of ANKRD26 and Septins gene in megakaryopoiesis/thrombopoiesis  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $106,532

MASSACHUSETTS

**Al-Shaar, Laila BSC, MSc**

*Program Type:* Predoctoral Fellowship  
*Institution:* Harvard School of Public Health  
*City:* Boston  
*Project Title:* BMI and physical activity in relation to Outcomes after Myocardial Infarction—Analysis of two prospective cohort studies  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $53,688

MASSACHUSETTS

**Amorim de Cerqueira Filho, Edilberto MD**

*Program Type:* Postdoctoral Fellowship  
*Institution:* Massachusetts General Hospital  
*City:* Boston  
*Project Title:* Dynamic EEG reactivity signatures underlying recovery trajectories in hypoxic brain injury  
**Award Start Date:** 1/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $118,650

MASSACHUSETTS

**Andraski, Allison BS**

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

MASSACHUSETTS

**Annabi, Nasim PhD**

*Program Type:* Scientist Development Grant  
*Institution:* Northeastern University, Boston  
*City:* Boston  
*Project Title:* Engineering bioprintable Cardiac Tissues  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000
MASSACHUSETTS

Aragam, Krishna BA, MD
Program Type: Institute - Uncovering New Patterns Fellowship
Institution: Massachusetts General Hospital
City: Boston
Project Title: Genetic determinants of physical activity and association with cardiometabolic disease
Award Start Date: 4/2/2018
Award End Date: 3/31/2020
Total Years: 2
Total Award Amount: $149,998

Armoundas, Antonis PhD
Program Type: Institute - Uncovering New Patterns Grant
Institution: Massachusetts General Hospital
City: Boston
Project Title: Predicting In-Hospital Cardiac Arrest Using Machine Learning and Massive Streaming Electronic Patient Data
Award Start Date: 4/2/2018
Award End Date: 3/31/2019
Total Years: 1
Total Award Amount: $150,000

Asnani, Aarti BA, MD
Program Type: Career Development Award
Institution: Beth Israel Deaconess Medical Center
City: Boston
Project Title: Defining the Role of CYP1 Enzymes in Doxorubicin Cardiotoxicity
Award Start Date: 7/1/2018
Award End Date: 6/30/2021
Total Years: 3
Total Award Amount: $231,000

Awad, Louis PhD, PT
Program Type: Innovative Project Award
Institution: Boston University, Boston
City: Boston
Project Title: TASK-AWARE MOVEMENT ASSESSMENT: SMART CONTROL OF POWERED ASSISTIVE TECHNOLOGIES AND AUTOMATED DIAGNOSTIC TESTING
Award Start Date: 7/1/2018
Award End Date: 6/30/2020
Total Years: 2
Total Award Amount: $199,958

Awad, Louis PhD, PT
Program Type: Transformational Project Award
Institution: Harvard University, Cambridge
City: Cambridge
Project Title: Robotic Exosuit Augmented Locomotion (REAL) training in the clinic and community
Award Start Date: 7/1/2018
Award End Date: 6/30/2021
Total Years: 3
Total Award Amount: $299,973

Bachschmid, Markus PhD
Program Type: Grant-in-Aid
Institution: Boston University Medical Campus
City: Boston
Project Title: Impaired cysteine-thiol redox signaling in metabolic cardiovascular disease
Award Start Date: 1/1/2016
Award End Date: 12/31/2018
Total Years: 3
Total Award Amount: $198,000
MASSACHUSETTS

**Barbieri, Riccardo PhD**

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

MASSACHUSETTS

**Bazzone, Lindsey BS, MD PhD**

**Program Type:** Postdoctoral Fellowship  
**Institution:** University of Massachusetts Medical School  
**City:** Worcester  
**Project Title:** The Role of ADAM9 in the Immunopathogenesis of Viral Myocarditis  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $114,368

MASSACHUSETTS

**Benjamin, Emelia MD**

**Program Type:** Strategically Focused Research Network  
**Institution:** Boston University Medical Campus  
**City:** Boston  
**Project Title:** Advancing Atrial Fibrillation Precision Medicine  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2022  
**Total Years:** 4  
**Total Award Amount:** $890,407

MASSACHUSETTS

**Biddinger, Sudha MD PhD**

**Program Type:** Established Investigator Award  
**Institution:** Boston Children's Hospital  
**City:** Boston  
**Project Title:** Mechanisms underlying diabetes associated cardiovascular disease: beyond hyperglycemia  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2021  
**Total Years:** 5  
**Total Award Amount:** $400,000

MASSACHUSETTS

**Black, Lauren PhD, MS**

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

MASSACHUSETTS

**Body, Simon MB ChB**

**Program Type:** Collaborative Sciences Award  
**Institution:** Brigham & Women's Hospital  
**City:** Boston  
**Project Title:** Genetic and Molecular Determinants of Bicuspid and Calcific Aortic Valve Disease  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2020  
**Total Years:** 3  
**Total Award Amount:** $297,000

MASSACHUSETTS

**Bonaca, Marc MD, MPH**
Program Type: Strategically Focused Research Network Institution: Brigham & Women's Hospital City: Boston Project Title: Understanding Pathobiology and Predictors of Limb Ischemia to Improve Outcomes in Peripheral Artery Disease and Diabetes Award Start Date: 4/1/2018 Award End Date: 3/31/2022 Total Years: 4 Total Award Amount: $580,800

MASSACHUSETTS
Bonaca, Marc MD, MPH
Program Type: Strategically Focused Research Network Institution: Brigham & Women's Hospital City: Boston Project Title: Risk Prediction and Personalizing Therapy to Prevent Critical Limb ischemia in Patients with PAD and Diabetes Award Start Date: 4/1/2018 Award End Date: 3/31/2022 Total Years: 4 Total Award Amount: $1,042,800

MASSACHUSETTS
Breault, David MD PhD
Program Type: Transformational Project Award Institution: Boston Children's Hospital City: Boston Project Title: FGF Signaling in Primary Aldosteronism Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

MASSACHUSETTS
Brooks, Danielle PhD, BS
Program Type: Postdoctoral Fellowship Institution: Brigham & Women's Hospital City: Boston Project Title: The Role of the Salt-Sensitive Epigenetic Regulator Lysine-Specific Demethylase 1 (LSD1) in Aldosterone Production Award Start Date: 7/1/2018 Award End Date: 9/30/2020 Total Years: 2 Total Award Amount: $110,456

MASSACHUSETTS
Cartier, Andreane BSC, MS
Program Type: Postdoctoral Fellowship Institution: Boston Children's Hospital City: Boston Project Title: Novel regulators for Sphingosine 1-Phosphate receptor endocytosis and their role in vascular morphology and integrity. Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $114,368

MASSACHUSETTS
Chen, Hong BSC, MS
Program Type: Established Investigator Award Institution: Boston Children's Hospital City: Boston Project Title: The role of pro-atherogenic molecule epsin in regulating cardiovascular diseases Award Start Date: 1/1/2015 Award End Date: 12/31/2019 Total Years: 5 Total Award Amount: $400,000

MASSACHUSETTS
Cheung, Pui BS, MS
Program Type: Fellow-to-Faculty Transition Award  Institution: Massachusetts General Hospital  City: Boston  Project Title: Characterization of Novel Signaling Pathways involved in Water Balance Disorders  Award Start Date: 7/1/2017  Award End Date: 6/30/2022  Total Years: 5  Total Award Amount: $593,000

MASSACHUSETTS

Chien, Cheng-Hao PhD  
Program Type: Postdoctoral Fellowship  Institution: Tufts University, Boston  City: Boston  Project Title: Interrogating AMPK Dynamics in Synaptic Transmission and Obesity  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $106,532

MASSACHUSETTS

Chin, Michael PhD, MD  
Program Type: Innovative Project Award  Institution: Tufts Medical Center  City: Boston  Project Title: Pathological Pathway Activation at Single Cell Resolution and Biomarker detection in Human Hypertrophic Cardiomyopathy  Award Start Date: 7/1/2018  Award End Date: 6/30/2020  Total Years: 2  Total Award Amount: $200,000

MASSACHUSETTS

Chouchani, Edward PhD  
Program Type: Scientist Development Grant  Institution: Dana-Farber Cancer Institute, Boston  City: Boston  Project Title: Determining mechanisms of redox control over adaptation to exercise  Award Start Date: 7/1/2017  Award End Date: 6/30/2020  Total Years: 3  Total Award Amount: $231,000

MASSACHUSETTS

Choudhury, Sangita PhD, MSc  
Program Type: Scientist Development Grant  Institution: Boston Children's Hospital  City: Boston  Project Title: Lamin-B2: a new regulator of heart muscle cell proliferation for developing regenerative therapies for heart failure  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

MASSACHUSETTS

Chung, David MD PhD  
Program Type: Postdoctoral Fellowship  Institution: Massachusetts General Hospital  City: Boston  Project Title: Mechanisms of secondary injury after aneurysmal subarachnoid hemorrhage  Award Start Date: 7/1/2018  Award End Date: 6/30/2020  Total Years: 2  Total Award Amount: $125,120

MASSACHUSETTS

Cocchi, Michael BA, MD  
Program Type: Scientist Development Grant  Institution: Beth Israel Deaconess Medical Center  City: Boston
**Boston**

**Project Title:** Esmolol to Treat the Cardiovascular Effects of Septic Shock  
**Award Start Date:** 1/1/2015  
**Award End Date:** 12/31/2018  
**Total Years:** 4  
**Total Award Amount:** $308,000

**MASSACHUSETTS**

**Courties, Gabriel PhD**  
**Program Type:** Scientist Development Grant  
**Institution:** Massachusetts General Hospital  
**City:** Boston  
**Project Title:** Regulatory T cells resolve MI-induced emergency hematopoiesis  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**MASSACHUSETTS**

**Daane, Jacob PhD**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Northeastern University, Boston  
**City:** Boston  
**Project Title:** Evolution-directed screen to identify regulators of cardiovascular biology  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $103,328

**MASSACHUSETTS**

**Das, Saumya BA, MD**  
**Program Type:** Strategically Focused Research Network  
**Institution:** Massachusetts General Hospital  
**City:** Boston  
**Project Title:** Extracellular RNAs as Mediators of Cardiac Remodeling in Human Heart Failure  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2020  
**Total Years:** 4  
**Total Award Amount:** $1,042,800

**MASSACHUSETTS**

**Debold, Edward PhD, MS**  
**Program Type:** Innovative Project Award  
**Institution:** University of Massachusetts, Amherst  
**City:** Boston  
**Project Title:** Development of a synthetic high-energy molecule to power muscle function during acute myocardial ischemia and fatigue  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $200,000

**MASSACHUSETTS**

**Del Monte, Federica MD, PhD**  
**Program Type:** Collaborative Sciences Award  
**Institution:** Beth Israel Deaconess Medical Center  
**City:** Boston  
**Project Title:** Myocardial Tauopathy: a new pathogenesis and treatment for heart disease  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2020  
**Total Years:** 3  
**Total Award Amount:** $486,000

**MASSACHUSETTS**

**Diacovo, Thomas BS, MD**  
**Program Type:** Collaborative Sciences Award  
**Institution:** Harvard School of Public Health  
**City:** Boston  
**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:** $453,318
MASSACHUSETTS

Domian, Ibrahim MD PhD
Program Type: Grant-in-Aid Institution: Massachusetts General Hospital City: Boston Project Title: The Role of Proteolysis in Cardiac Development and Disease Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

MASSACHUSETTS

Dorbala, Sharmila MD, MPH
Program Type: Collaborative Sciences Award Institution: Brigham & Women’s Hospital City: Boston Project Title: Molecular imaging and cellular toxicity measures for early diagnosis of AL amyloid cardiomyopathy Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $374,790

MASSACHUSETTS

Ellinor, Patrick MD, PhD
Program Type: Strategically Focused Research Network Institution: Massachusetts General Hospital City: Boston Project Title: Genomics and Epigenetics of Atrial Fibrillation Award Start Date: 7/1/2018 Award End Date: 6/30/2022 Total Years: 4 Total Award Amount: $1,003,732

MASSACHUSETTS

Elmariah, Sammy MD, MPH
Program Type: Fellow-to-Faculty Transition Award Institution: Massachusetts General Hospital City: Boston Project Title: Multimodality Prediction of Left Ventricular Remodeling and Clinical Outcomes in Patients with Aortic Stenosis Award Start Date: 7/1/2014 Award End Date: 6/30/2019 Total Years: 5 Total Award Amount: $593,000

MASSACHUSETTS

Engelberg, Klemens MSc, PhD
Program Type: Postdoctoral Fellowship Institution: Boston College, Chestnut Hill City: Chestnut Hill Project Title: Cytokinetic signaling pathways as putative drug targets in the heart parasite Toxoplasma gondii Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $114,368

MASSACHUSETTS

Etherton, Mark MD PhD, BS
Program Type: Clinical Scientist Training Program Institution: Massachusetts General Hospital City: Boston Project Title: Advanced Neuroimaging to Predict Functional Outcomes After Ischemic Stroke Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $118,628
MASSACHUSETTS

Fan, Qiuyun BS, PhD
Program Type: Postdoctoral Fellowship  
Institution: Massachusetts General Hospital  
City: Boston  
Project Title: TractCaliber MRI for Characterizing Axonal Damage in Ischemic Stroke  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $110,456

MASSACHUSETTS

Farokhzad, Omid MD
Program Type: Collaborative Sciences Award  
Institution: Brigham & Women's Hospital  
City: Boston  
Project Title: Development of non-invasive diagnostic tools and therapeutic agents for superficial erosion using nanotechnology  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2021  
Total Years: 3  
Total Award Amount: $219,999

MASSACHUSETTS

Feinberg, Mark MD
Program Type: Strategically Focused Research Network  
Institution: Brigham & Women's Hospital  
City: Boston  
Project Title: Non-coding RNAs in diabetic critical limb ischemia: discovery, pathobiology, and therapeutic intervention  
Award Start Date: 4/1/2018  
Award End Date: 3/31/2022  
Total Years: 4  
Total Award Amount: $1,042,800

MASSACHUSETTS

Fetterman, Jessica BA, PhD
Program Type: Mentored Clinical & Population Research Program  
Institution: Boston University Medical Campus  
City: Boston  
Project Title: E-cigarette-Induced Endothelial Dysfunction in Human Participants  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2018  
Total Years: 2  
Total Award Amount: $154,000

MASSACHUSETTS

Fletcher, Elizabeth BA, PhD
Program Type: Postdoctoral Fellowship  
Institution: Tufts Medical Center  
City: Boston  
Project Title: The Role of Monocyte PAR1 in Coronary Artery Disease and Myocardial Ischemia  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2020  
Total Years: 2  
Total Award Amount: $104,060

MASSACHUSETTS

Fredenburgh, Laura MD, MA
Program Type: Grant-in-Aid  
Institution: Brigham & Women's Hospital  
City: Boston  
Project Title: YAP/TAZ Regulation of TGF-beta/BMP Signaling and Vascular Remodeling in Pulmonary Arterial Hypertension  
Award Start Date: 7/1/2017  
Award End Date: 6/30/2019  
Total Years: 2  
Total Award Amount: $154,000
MASSACHUSETTS

Freedman, Jane MD, BA
Program Type: Strategically Focused Research Network
Institution: University of Massachusetts Medical School
City: Worcester
Project Title: Extracellular RNA, Adverse Left Ventricular Remodeling, and Heart Failure Progression
Award Start Date: 7/1/2016
Award End Date: 6/30/2020
Total Years: 4
Total Award Amount: $1,042,800

MASSACHUSETTS

Fuster, Jose BS, PhD
Program Type: Scientist Development Grant
Institution: Boston University Medical Campus
City: Boston
Project Title: Role of age-associated TET2 mutations in atherosclerosis
Award Start Date: 1/1/2017
Award End Date: 12/31/2019
Total Years: 3
Total Award Amount: $231,000

MASSACHUSETTS

Gaca, Anthony BS, PhD
Program Type: Postdoctoral Fellowship
Institution: Massachusetts Eye & Ear Infirmary, Boston
City: Boston
Project Title: New mobile element class in the evolution of pathogenic Enterococcus faecalis
Award Start Date: 1/1/2017
Award End Date: 12/31/2018
Total Years: 2
Total Award Amount: $102,550

MASSACHUSETTS

Garlo, Katherine MD
Program Type: Mentored Clinical & Population Research Program
Institution: Brigham & Women's Hospital
City: Boston
Project Title: Safety and Efficacy of Non Vitamin K Novel Antagonists Compared with Warfarin in Patients with Atrial Fibrillation and C
Award Start Date: 7/1/2017
Award End Date: 6/30/2019
Total Years: 2
Total Award Amount: $154,000

MASSACHUSETTS

Gaudet, Rachelle PhD
Program Type: Grant-in-Aid
Institution: Harvard University, Cambridge
City: Cambridge
Project Title: Direct Identification of Druggable Sites in TRPA1
Award Start Date: 1/1/2016
Award End Date: 12/31/2018
Total Years: 3
Total Award Amount: $198,000

MASSACHUSETTS

Ghosh, Arpan BSC, MSc
Program Type: Postdoctoral Fellowship
Institution: Harvard Medical School
City: Boston
Project Title: Characterizing the roles of muscle-VEGF mediated organ communication in lipid metabolism
Award Start Date: 7/1/2018
Award End Date: 6/30/2020
Total Years: 2
Total Award Amount: $114,368
MASSACHUSETTS

Gopal, Deepa MD, MD
Program Type: Fellow-to-Faculty Transition Award Institution: Boston Medical Center City: Boston Project Title: Cardiac Phenotyping to Identify Preclinical Heart Failure in Metabolic Syndrome Award Start Date: 7/1/2017 Award End Date: 6/30/2022 Total Years: 5 Total Award Amount: $593,000

MASSACHUSETTS

Guo, Yuxuan PhD, BS
Program Type: Postdoctoral Fellowship Institution: Boston Children's Hospital City: Boston Project Title: Determine the role of serum response factor signaling in cardiomyocyte maturation Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532

MASSACHUSETTS

Haemmig, Stefan PhD
Program Type: Postdoctoral Fellowship Institution: Brigham & Women's Hospital City: Boston Project Title: Role of the IncRNA SNHG12 in atherosclerosis and DNA damage response Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $110,456

MASSACHUSETTS

Hanafy, Khalid MD PhD
Program Type: Grant-in-Aid Institution: Beth Israel Deaconess Medical Center City: Boston Project Title: HO-1 and TLR4 in Sterile Fever after Subarachnoid Hemorrhage Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

MASSACHUSETTS

Harding, Ian BS
Program Type: Predoctoral Fellowship Institution: Northeastern University, Boston City: Boston Project Title: The Endothelial Glycocalyx and Blood-Brain Barrier Integrity Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $53,688

MASSACHUSETTS

Hedjazi Moghari, Mehdi BSC, MSc
Program Type: Career Development Award Institution: Boston Children's Hospital City: Boston Project Title: Improving Outcomes in Pediatric Cardiology by Performing Virtual Cardiac Surgery Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

MASSACHUSETTS

Herman, Mark BSE, MD
Program Type: Collaborative Sciences Award Institution: Beth Israel Deaconess Medical Center City:
**Boston**

**Project Title:** Genomic and Genetic Investigation of Sugar-Induced Cardiometabolic Risk  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $496,141

**MASSACHUSETTS**

**Heyward, Frankie BA, BA**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Beth Israel Deaconess Medical Center  
**City:** Boston  
**Project Title:** Cell-type specific epigenomic profiles as a tool to identify novel transcriptional pathways regulating weight loss  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $106,532

**MASSACHUSETTS**

**Hossain, Mir BS, MS**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Boston Children's Hospital  
**City:** Boston  
**Project Title:** Characterization of master regulators of adult erythropoiesis  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $104,060

**MASSACHUSETTS**

**Huang, Zhanpeng PhD, BS**  
**Program Type:** Scientist Development Grant  
**Institution:** Boston Children's Hospital  
**City:** Boston  
**Project Title:** Molecular mechanisms of the protection of CIP against cardiac remodeling  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**MASSACHUSETTS**

**Huffman, Jeff MD**  
**Program Type:** Mentor-AHA Mentee Award  
**Institution:** Massachusetts General Hospital  
**City:** Boston  
**Project Title:**  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total AwardAmount:** $45,000

**MASSACHUSETTS**

**Jaffe, Iris PhD, MD**  
**Program Type:** Established Investigator Award  
**Institution:** Tufts Medical Center  
**City:** Boston  
**Project Title:** Extra-Renal Mineralocorticoid Receptors in Hypertension and Atherosclerosis  
**Award Start Date:** 1/1/2014  
**Award End Date:** 12/31/2018  
**Total Years:** 5  
**Total Award Amount:** $400,000

**MASSACHUSETTS**

**Jaffre, Fabrice PhD**  
**Program Type:** Scientist Development Grant  
**Institution:** Beth Israel Deaconess Medical Center  
**City:** Boston  
**Project Title:** Deciphering novel molecular mechanisms underlying hypertrophic cardiomyopathy in Noonan syndrome using iPS cells  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000
MASSACHUSETTS

Jatkar, Aditi MS
Program Type: Predoctoral Fellowship Institution: Harvard School of Public Health City: Boston Project Title: Mechanisms coordinating de novo lipogenesis with triglyceride synthesis Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $53,688

MASSACHUSETTS

Jiang, Mengxi PhD
Program Type: Postdoctoral Fellowship Institution: Whitehead Institute for Biomedical Research, Cambridge City: Cambridge Project Title: The role of long non-coding RNA IncE3 in depot-specific adipocyte development and function Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $110,456

MASSACHUSETTS

Kalluri, Aditya BS
Program Type: Predoctoral Fellowship Institution: Harvard University, Cambridge City: Cambridge Project Title: High-dimensional characterization of endothelial cell transcriptional response to environmental drivers of shock subtype Award Start Date: 7/1/2018 Award End Date: 6/30/2019 Total Years: 1 Total Award Amount: $26,844

MASSACHUSETTS

Kang, Peter MD, BA
Program Type: Grant-in-Aid Institution: Beth Israel Deaconess Medical Center City: Boston Project Title: Thrombus targeted nano drug delivery system for thromboembolic diseases Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

MASSACHUSETTS

Kant, Shashi PhD
Program Type: Scientist Development Grant Institution: University of Massachusetts Medical School City: Worcester Project Title: Mitogen Kinase Kinase 4 links insulin resistance and atherosclerosis Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

MASSACHUSETTS

Kellnberger, Stephan PhD, MSc
Program Type: Postdoctoral Fellowship Institution: Massachusetts General Hospital City: Boston Project Title: Integrated NIRF-IVUS imaging system to assess the role of plaque inflammation and burden on plaque progression Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $114,368
MASSACHUSETTS

Kim, Edy MD PhD, BA
Program Type: Fellow-to-Faculty Transition Award  Institution: Brigham & Women's Hospital  City: Boston  Project Title: NKT cells protect against brain injury after cardiac arrest and resuscitation  Award Start Date: 7/1/2015  Award End Date: 6/30/2020  Total Years: 5  Total Award Amount: $593,000

MASSACHUSETTS

Kim, Jonghan PhD
Program Type: Grant-in-Aid  Institution: Northeastern University, Boston  City: Boston  Project Title: Multifunctional Nanochelators to Correct Cardiac Hypertrophy and Hyperlipidemia in Iron Overload Disorders  Award Start Date: 1/1/2017  Award End Date: 12/31/2018  Total Years: 2  Total Award Amount: $154,000

MASSACHUSETTS

Kimberly, W. Taylor MD PhD
Program Type: Collaborative Sciences Award  Institution: Massachusetts General Hospital  City: Boston  Project Title: Portable Magnetic Resonance Imaging for Cerebral Ischemia  Award Start Date: 7/1/2017  Award End Date: 6/30/2020  Total Years: 3  Total Award Amount: $176,518

MASSACHUSETTS

Kolachalama, Vijaya PhD, BS
Program Type: Scientist Development Grant  Institution: Boston University Medical Campus  City: Boston  Project Title: Mechanisms of drug-coated balloon therapy  Award Start Date: 7/1/2017  Award End Date: 6/30/2020  Total Years: 3  Total Award Amount: $231,000

MASSACHUSETTS

Koupenova, Milka BS, PhD
Program Type: Scientist Development Grant  Institution: University of Massachusetts Medical School  City: Worcester  Project Title: Platelets, Viruses and Antiviral response  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

MASSACHUSETTS

Kuo, Yu-Ting PhD, BS
Program Type: Postdoctoral Fellowship  Institution: Boston Children's Hospital  City: Boston  Project Title: Investigation of Chaperone-dependent Regulation of Sphingosine-1-Phosphate Functions  Award Start Date: 7/1/2018  Award End Date: 6/30/2020  Total Years: 2  Total Award Amount: $106,532

MASSACHUSETTS

Kwan, Gene MD, MPH
Program Type: Mentored Clinical & Population Research Program  Institution: Boston Medical Center
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<tr>
<th>City</th>
<th>Project Title</th>
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<th>Award End Date</th>
<th>Total Years</th>
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<td>Boston</td>
<td>A Mixed Methods Evaluation of Barriers to Heart Failure Care in Rural Haiti</td>
<td>1/1/2017</td>
<td>12/31/2018</td>
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<td>$154,000</td>
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**MASSACHUSETTS**

*Lewis, Gregory BA, MD*

**Program Type:** Institute - Grand Challenge Grant  
**Institution:** Massachusetts General Hospital  
**City:** Boston  
**Project Title:** Metabolic Profiling of Exercise to Predict Cardiometabolic Risk  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2019  
**Total Years:** 4  
**Total Award Amount:** $2,000,000

**MASSACHUSETTS**

*Li, Shasha MD, MS*

**Program Type:** Postdoctoral Fellowship  
**Institution:** Massachusetts General Hospital  
**City:** Boston  
**Project Title:** Localizing Central Swallowing Functions by Combining Noninvasive Brain Stimulation with Neuroimaging  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $102,550

**MASSACHUSETTS**

*Liao, Ronglih PhD*

**Program Type:** Collaborative Sciences Award  
**Institution:** Brigham & Women's Hospital  
**City:** Boston  
**Project Title:** Molecular imaging and cellular toxicity measures for early diagnosis of AL amyloid cardiomyopathy  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $374,554

**MASSACHUSETTS**

*Libby, Peter MD*

**Program Type:** Collaborative Sciences Award  
**Institution:** Brigham & Women's Hospital  
**City:** Boston  
**Project Title:** Development of non-invasive diagnostic tools and therapeutic agents for superficial erosion using nanotechnology  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $309,999

**MASSACHUSETTS**

*Liu, Cong-Lin MD, MS*

**Program Type:** Postdoctoral Fellowship  
**Institution:** Brigham & Women's Hospital  
**City:** Boston  
**Project Title:** IL18 uses two alternative receptors in abdominal aortic aneurysm  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $103,328

**MASSACHUSETTS**

*Liu, Junxiu PhD, MS*

**Program Type:** Postdoctoral Fellowship  
**Institution:** Tufts University, Boston  
**City:** Boston  
**Project Title:**
Comparative and cost-effectiveness of population strategies to improve diet and reduce CVD among low-income Americans. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** $106,532

**MASSACHUSETTS**  
**Lu, Michael MD**  
**Program Type:** Institute - Uncovering New Patterns Grant  
**Institution:** Massachusetts General Hospital  
**City:** Boston  
**Project Title:** Deep learning to automate coronary calcium quantification and predict cardiovascular risk from lung cancer screening CT  
**Award Start Date:** 4/2/2018 **Award End Date:** 3/31/2019 **Total Years:** 1 **Total Award Amount:** $150,000

**MASSACHUSETTS**  
**Lubitz, Steven BS, MD**  
**Program Type:** Strategically Focused Research Network  
**Institution:** Massachusetts General Hospital  
**City:** Boston  
**Project Title:** Precision Medicine in Ischemic Stroke and Atrial Fibrillation (PreMISE-AF)  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2022 **Total Years:** 4 **Total Award Amount:** $1,016,576

**MASSACHUSETTS**  
**Luptak, Ivan PhD, MD**  
**Program Type:** Fellow-to-Faculty Transition Award  
**Institution:** Boston Medical Center  
**City:** Boston  
**Project Title:** Elevated intracellular sodium worsens mitochondrial ROS and ATP production in obesity induced diastolic dysfunction.  
**Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2020 **Total Years:** 5 **Total Award Amount:** $593,000

**MASSACHUSETTS**  
**Mader, Timothy MD, NONE**  
**Program Type:** Innovative Project Award  
**Institution:** Baystate Medical Center  
**City:** Springfield  
**Project Title:** Novel ventricular fibrillation resuscitation drug cocktail development: Proof of concept  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2020 **Total Years:** 2 **Total Award Amount:** $199,998

**MASSACHUSETTS**  
**Malhotra, Rajeev BA, MS**  
**Program Type:** Transformational Project Award  
**Institution:** Massachusetts General Hospital  
**City:** Boston  
**Project Title:** A Novel Regulatory Pathway in Vascular Smooth Muscle Phenotypic Transition and Calcification  
**Award Start Date:** 7/1/2018 **Award End Date:** 6/30/2021 **Total Years:** 3 **Total Award Amount:** $300,000

**MASSACHUSETTS**  
**Marini, Sandro MD**
Program Type: Postdoctoral Fellowship  
Institution: Massachusetts General Hospital  
City: Boston  
Project Title: Impact of Self-reported vs. genetic ancestry on modeling of intracerebral hemorrhage outcomes  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2020  
Total Years: 2  
Total Award Amount: $125,120

MASSACHUSETTS  
McGrath, Martina MB ChB  
Program Type: Fellow-to-Faculty Transition Award  
Institution: Brigham & Women's Hospital  
City: Boston  
Project Title: Controlling alloimmune activation with combinatorial costimulation blockade  
Award Start Date: 7/1/2014  
Award End Date: 12/30/2019  
Total Years: 5  
Total Award Amount: $592,997

MASSACHUSETTS  
McKeown, Nicola PhD  
Program Type: Collaborative Sciences Award  
Institution: Tufts University, Boston  
City: Boston  
Project Title: Genomic and Genetic Investigation of Sugar-Induced Cardiometabolic Risk  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2019  
Total Years: 3  
Total Award Amount: $253,859

MASSACHUSETTS  
Milan, David MSc, MD  
Program Type: Innovative Project Award  
Institution: Massachusetts General Hospital  
City: Boston  
Project Title: Mechanisms of Obesity Related Atrial Fibrillation  
Award Start Date: 7/1/2018  
Award End Date: 6/30/2020  
Total Years: 2  
Total Award Amount: $200,000

MASSACHUSETTS  
Nezafat, Reza PhD  
Program Type: Established Investigator Award  
Institution: Beth Israel Deaconess Medical Center  
City: Boston  
Project Title: Quantitative Cardiac MR Biomarkers of Cardiotoxicity in Breast Cancer  
Award Start Date: 1/1/2015  
Award End Date: 12/31/2019  
Total Years: 5  
Total Award Amount: $400,000

MASSACHUSETTS  
Nigwekar, Sagar MD, MSc  
Program Type: Fellow-to-Faculty Transition Award  
Institution: Massachusetts General Hospital  
City: Boston  
Project Title: Evaluating the Role of Vitamin K in Calcific Uremic Arteriolopathy  
Award Start Date: 7/1/2015  
Award End Date: 6/30/2020  
Total Years: 5  
Total Award Amount: $593,000

MASSACHUSETTS  
Opotowsky, Alexander MD, MPH  
Program Type: Innovative Research Grant  
Institution: Boston Children's Hospital  
City: Boston  
Project Title: CLINICAL AND PROTEOMIC PATHOPHENOTYPING OF FOUR CONGENITAL HEART DISEASE
ARCHETYPES  
**Award Start Date:** 1/1/2017  **Award End Date:** 6/30/2019  **Total Years:** 2  **Total Award Amount:** $150,000

MASSACHUSETTS  
**Osborne, Michael BSE, MD**  
**Program Type:** Career Development Award  **Institution:** Massachusetts General Hospital  **City:** Boston  
**Project Title:** The Effect of Mindfulness on Vascular Inflammation: A Multi-System PET/MRI Study  **Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2021  **Total Years:** 3  **Total Award Amount:** $230,988

MASSACHUSETTS  
**Ozaki, C Keith MD**  
**Program Type:** Grant-in-Aid  **Institution:** Brigham & Women's Hospital  **City:** Boston  
**Project Title:** Protective Mechanisms by Protein Restriction in Intimal Hyperplasia  **Award Start Date:** 1/1/2016  **Award End Date:** 12/31/2018  **Total Years:** 3  **Total Award Amount:** $198,000

MASSACHUSETTS  
**Page, David MD**  
**Program Type:** Innovative Research Grant  **Institution:** Whitehead Institute for Biomedical Research, Cambridge  **City:** Cambridge  
**Project Title:** A Global Characterization of Sex Differences in the Human Heart  **Award Start Date:** 1/1/2017  **Award End Date:** 12/31/2018  **Total Years:** 2  **Total Award Amount:** $149,980

MASSACHUSETTS  
**Park, Sang W PhD**  
**Program Type:** Innovative Project Award  **Institution:** Boston Children's Hospital  **City:** Boston  
**Project Title:** Mechanisms underlying obesity-induced cardiovascular disease  **Award Start Date:** 7/1/2018  **Award End Date:** 6/30/2020  **Total Years:** 2  **Total Award Amount:** $200,000

MASSACHUSETTS  
**Parker, Kevin PhD**  
**Program Type:** Collaborative Sciences Award  **Institution:** Wyss Institute  **City:** Boston  
**Project Title:** Towards precision medicine in inherited arrhythmias using patient-derived induced pluripotent stem cells  **Award Start Date:** 7/1/2016  **Award End Date:** 6/30/2019  **Total Years:** 3  **Total Award Amount:** $345,000

MASSACHUSETTS  
**Paynter, Nina PhD, MHSc**  
**Program Type:** Institute - Methods Validation Grant  **Institution:** Brigham & Women's Hospital  **City:** Boston  
**Project Title:** Flexible Framework for Cardiovascular Risk Prediction in a Clinical Setting  **Award Start Date:** 10/1/2017  **Award End Date:** 9/30/2019  **Total Years:** 2  **Total Award Amount:** $184,868
MASSACHUSETTS

**Penumatsa, Krishna PhD, MS**

**Program Type:** Career Development Award  
**Institution:** Tufts Medical Center  
**City:** Boston  
**Project Title:** Role of Transglutaminase 2 in Inflammation and Glycolysis Mediated Pulmonary Hypertension  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $231,000

MASSACHUSETTS

**Perreault, Luke BS, ME**

**Program Type:** Predoctoral Fellowship  
**Institution:** Tufts University, Medford  
**City:** Medford  
**Project Title:** Organ engineering in the context of developmental biology: ECM developmental age effects on organ recellularization  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $53,688

MASSACHUSETTS

**Plummer, Ashlee BS, PhD**

**Program Type:** Postdoctoral Fellowship  
**Institution:** Harvard Medical School  
**City:** Boston  
**Project Title:** Elucidation of the Mechanism for Cholesterol Transport by ABCA1  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $103,328

MASSACHUSETTS

**Pu, William MD**

**Program Type:** Collaborative Sciences Award  
**Institution:** Boston Children's Hospital  
**City:** Boston  
**Project Title:** Towards precision medicine in inherited arrhythmias using patient-derived induced pluripotent stem cells  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $345,600

MASSACHUSETTS

**Pu, William MD**

**Program Type:** Innovative Research Grant  
**Institution:** Boston Children's Hospital  
**City:** Boston  
**Project Title:** Forward genetic screen to discover regulators of mammalian cardiomyocyte maturation  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2018  
**Total Years:** 2  
**Total Award Amount:** $150,000

MASSACHUSETTS

**Rabhi, Nabil PhD**

**Program Type:** Postdoctoral Fellowship  
**Institution:** Boston University Medical Campus  
**City:** Boston  
**Project Title:** Perivascular adipose tissue in cardiovascular disease  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $103,328

MASSACHUSETTS

**Rade, Jeffrey MD, BS**
Program Type: Grant-in-Aid Institution: University of Massachusetts Medical School City: Worcester Project Title: Inhibition of non-platelet thromboxane generation Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

MASSACHUSETTS
Roh, Jason BA, MD
Program Type: Fellow-to-Faculty Transition Award Institution: Massachusetts General Hospital City: Boston Project Title: Defining the role of Activin-A and Activin type II receptor signaling in heart failure Award Start Date: 7/1/2016 Award End Date: 6/30/2021 Total Years: 5 Total Award Amount: $593,000

MASSACHUSETTS
Rosen, Matthew BS, PhD
Program Type: Collaborative Sciences Award Institution: Massachusetts General Hospital City: Boston Project Title: Portable Magnetic Resonance Imaging for Cerebral Ischemia Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: $158,913

MASSACHUSETTS
Rosenzweig, Anthony MD
Program Type: Strategically Focused Research Network Institution: Massachusetts General Hospital City: Boston Project Title: Functional roles of circulating ncRNAs in pathological hypertrophy and heart failure Award Start Date: 7/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: $1,042,800

MASSACHUSETTS
Rosenzweig, Anthony MD
Program Type: Strategically Focused Research Network Institution: Massachusetts General Hospital City: Boston Project Title: Extracellular RNA Markers And Modulators of Heart Failure Award Start Date: 7/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: $580,800

MASSACHUSETTS
Saffitz, Jeffrey PhD, MD
Program Type: Transformational Project Award Institution: Beth Israel Deaconess Medical Center City: Boston Project Title: Arrhythmogenic Cardiomyopathy is an Inflammatory Disease Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $300,000

MASSACHUSETTS
Salvador, Ane Miren PharmD, MS
Program Type: Postdoctoral Fellowship Institution: Massachusetts General Hospital City: Boston Project Title: Development of conditional-siRNA programmable riboswitch for targeting adverse cardiac
remodeling Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $104,060

MASSACHUSETTS
Sands, Scott BS, PhD
Program Type: Scientist Development Grant Institution: Brigham & Women's Hospital City: Boston Project Title: Sleep apnea phenotyping for personalized therapy using clinical polysomnography Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $308,000

MASSACHUSETTS
Skurnik, Geraldine MD, MSc
Program Type: Postdoctoral Fellowship Institution: Brigham & Women's Hospital City: Boston Project Title: Impaired urinary sodium excretion, renal vascular resistance and sFlt1 in women with prior preeclampsia Award Start Date: 1/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $120,800

MASSACHUSETTS
Song, Kai BS, PhD
Program Type: Scientist Development Grant Institution: Boston Children's Hospital City: Boston Project Title: The role of epsin in regulating SR-B1 function and lipid metabolism in atherosclerosis Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: $231,000

MASSACHUSETTS
Strom, Jordan BS, MD
Program Type: Career Development Award Institution: Beth Israel Deaconess Medical Center City: Boston Project Title: Identification of the Components of Frailty Using Administrative Data and Metabolite Profiling Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

MASSACHUSETTS
Sui, Xuewu PhD
Program Type: Postdoctoral Fellowship Institution: Harvard School of Public Health City: Boston Project Title: Unraveling the structural and biochemical mechanisms for lipid droplet biogenesis Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $104,060

MASSACHUSETTS
Swirski, Filip PhD
Program Type: Established Investigator Award Institution: Massachusetts General Hospital City: Boston Project Title: Colony-stimulating Factors in Cardiovascular Disease Award Start Date: 1/1/2017 Award End Date: 12/31/2021 Total Years: 5 Total Award Amount: $400,000
MASSACHUSETTS

Tan, Can Ozan PhD
Program Type: Scientist Development Grant Institution: Spaulding Rehabilitation Hospital, Boston City: Boston Project Title: Chronic Spinal Cord Injury and Short-Term Control of Cerebral Blood Flow in Humans Award Start Date: 1/1/2015 Award End Date: 12/31/2018 Total Years: 4 Total Award Amount: $308,000

MASSACHUSETTS

Taranto Montemurro, Luigi MD, MD
Program Type: Postdoctoral Fellowship Institution: Brigham & Women's Hospital City: Boston Project Title: Effect of desipramine on obstructive sleep apnea severity in patients with poor pharyngeal muscle compensation Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $120,800

MASSACHUSETTS

Tessier, Shannon PhD, MSc
Program Type: Career Development Award Institution: Massachusetts General Hospital City: Boston Project Title: Whole heart suspended animation: leveraging the zebrafish to solve the organ shortage Award Start Date: 7/1/2018 Award End Date: 6/30/2021 Total Years: 3 Total Award Amount: $231,000

MASSACHUSETTS

Trinquart, Ludovic PhD
Program Type: Strategically Focused Research Network Institution: Boston University Medical Campus City: Boston Project Title: Clinical and genetic prediction of lifetime risk of atrial fibrillation and its complications Award Start Date: 7/1/2018 Award End Date: 6/30/2022 Total Years: 4 Total Award Amount: $798,485

MASSACHUSETTS

Tsaousidou, Eva PhD
Program Type: Postdoctoral Fellowship Institution: Harvard School of Public Health City: Boston Project Title: Metaflammation regulation by components of the small non-coding RNA processing machinery Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $110,456

MASSACHUSETTS

Valero Munoz, Maria BSC, PhD
Program Type: Postdoctoral Fellowship Institution: Boston University Medical Campus City: Boston Project Title: Translational regulators of adipose tissue in HFrEF Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $110,456
Van Leyen, Klaus PhD
Program Type: Grant-in-Aid Institution: Massachusetts General Hospital City: Boston Project Title: Investigating Novel Mechanisms for Increased Hemorrhage Following Ischemia Award Start Date: 1/1/2017 Award End Date: 12/31/2018 Total Years: 2 Total Award Amount: $154,000

Varghese, Frency BSC, BS
Program Type: Postdoctoral Fellowship Institution: University of Massachusetts Medical School City: Worcester Project Title: Combination CaMKIIn and Cx43 gene painting therapy: A Synergistic approach to treat AF and AF induced cardiac remodeling Award Start Date: 7/1/2018 Award End Date: 6/30/2020 Total Years: 2 Total Award Amount: $106,532

Vest, Amanda BSC, MBBS
Program Type: Scientist Development Grant Institution: Tufts Medical Center City: Boston Project Title: Is Sarcopenia Reversible in Systolic Heart Failure? Award Start Date: 7/1/2017 Award End Date: 6/30/2020 Total Years: 3 Total Award Amount: $229,985

Vlahakes, Gus MD
Program Type: Grant-in-Aid Institution: Massachusetts General Hospital City: Boston Project Title: Molecular reduction of ischemic ventricular remodeling following ring annuloplasty Award Start Date: 1/1/2016 Award End Date: 12/31/2018 Total Years: 3 Total Award Amount: $198,000

Wainford, Richard BSC, PhD
Program Type: Grant-in-Aid Institution: Boston University Medical Campus City: Boston Project Title: Neural Control of the Kidney and Blood Pressure Regulation Award Start Date: 7/1/2017 Award End Date: 6/30/2019 Total Years: 2 Total Award Amount: $154,000

Wainford, Richard BSC, PhD
Program Type: Mentor-AHA Mentee Award Institution: Boston University Medical Campus City: Boston Project Title: Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $60,000

Wasfy, Jason MD, MS
Program Type: Career Development Award Institution: Massachusetts General Hospital City: Boston
**Project Title:** Effects of Medicaid Expansion on Process and Outcome Measures for Patients with Heart Disease  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2021  
**Total Years:** 3  
**Total Award Amount:** $231,000

**MASSACHUSETTS**  
**Watanabe, Shinya PhD**  
**Program Type:** Scientist Development Grant  
**Institution:** University of Massachusetts Medical School  
**City:** Worcester  
**Project Title:** Molecular mechanism of histone variant H2A.Z deposition by chromatin remodeling factors  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**MASSACHUSETTS**  
**Weiner, Rory MD**  
**Program Type:** Scientist Development Grant  
**Institution:** Massachusetts General Hospital  
**City:** Boston  
**Project Title:** Exercise-Induced Concentric Left Ventricular Hypertrophy: Pathophysiologic Implications and Potential Reversibility  
**Award Start Date:** 1/1/2015  
**Award End Date:** 12/31/2018  
**Total Years:** 4  
**Total Award Amount:** $308,000

**MASSACHUSETTS**  
**Weng, Jui-Hsia BS, MS**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Harvard Medical School  
**City:** Boston  
**Project Title:** Novel Anti-Inflammatory Hepatokine for Cardiovascular Medicine  
**Award Start Date:** 7/1/2018  
**Award End Date:** 6/30/2020  
**Total Years:** 2  
**Total Award Amount:** $114,368

**MASSACHUSETTS**  
**Weng, Lu-Chen PhD**  
**Program Type:** Postdoctoral Fellowship  
**Institution:** Massachusetts General Hospital  
**City:** Boston  
**Project Title:** Leveraging Genomics to Identify Causal Risk Factors for Atrial Fibrillation  
**Award Start Date:** 7/1/2017  
**Award End Date:** 6/30/2019  
**Total Years:** 2  
**Total Award Amount:** $106,532

**MASSACHUSETTS**  
**Wu, Hao PhD**  
**Program Type:** Scientist Development Grant  
**Institution:** Boston Children's Hospital  
**City:** Boston  
**Project Title:** Role of Epsins in Sepsis  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**MASSACHUSETTS**  
**Wu, Ona PhD**  
**Program Type:** Institute - Uncovering New Patterns Grant  
**Institution:** Massachusetts General Hospital
City: Boston  Project Title: Curation and HARMonization of stroke imagING (CHARMING) Study  Award Start Date: 4/2/2018  Award End Date: 3/31/2019  Total Years: 1  Total Award Amount: $148,016

MASSACHUSETTS  
_Xing, Changhong BS, MS_  
Program Type: Scientist Development Grant  Institution: Massachusetts General Hospital  City: Boston  
Project Title: Neuronal production of lipocalin-2 as a help-me signal for gliovascular activation  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

MASSACHUSETTS  
_Yu, Mikyung PhD_  
Program Type: Collaborative Sciences Award  Institution: Brigham & Women's Hospital  City: Boston  
Project Title: Development of non-invasive diagnostic tools and therapeutic agents for superficial erosion using nanotechnology  Award Start Date: 7/1/2018  Award End Date: 6/30/2021  Total Years: 3  Total Award Amount: $220,002

MASSACHUSETTS  
_Zhang, Kehan BS, BSE_  
Program Type: Predoctoral Fellowship  Institution: Boston University, Boston  City: Boston  
Project Title: Intercellular Junctions in Cardiomyocyte Mechanotransduction  Award Start Date: 7/1/2017  Award End Date: 6/30/2019  Total Years: 2  Total Award Amount: $53,688

MASSACHUSETTS  
_Zhang, Tracy/Yuanfan PhD, MSE_  
Program Type: Postdoctoral Fellowship  Institution: Boston Children's Hospital  City: Boston  
Project Title: Jagged1 as therapeutic target for cardiomyopathy in Duchenne muscular dystrophy  Award Start Date: 7/1/2018  Award End Date: 6/30/2020  Total Years: 2  Total Award Amount: $104,060

MASSACHUSETTS  
_Zhang, Xian PhD_  
Program Type: Postdoctoral Fellowship  Institution: Brigham & Women's Hospital  City: Boston  
Project Title: Role of subcutaneous fat mast cells in adipose tissue thermogenesis and systemic energy expenditure  Award Start Date: 7/1/2018  Award End Date: 6/30/2020  Total Years: 2  Total Award Amount: $104,060