

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

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GEORGIA

*Abdelsaid, Mohammed BA, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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

*Alonso, Alvaro MD, MPH*

**Program Type:** Established Investigator Award **Funding Source:** Greater Southeast **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

*Ash, Dipankar PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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

*Bagi, Zsolt PhD, MD*

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

*Belin De Chantemele, Eric PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Leptin-induced, Adipocyte-derived Aldosterone Secretion: A New Risk Factor for Metabolic and Cardiovascular Complication **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

GEORGIA

*Bruder-Nascimento, Thiago PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Leptin in lipodystrophy-associated cardiovascular disease **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

GEORGIA

*Butcher, Joshua PhD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **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

*Calvert, John PhD*

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

GEORGIA

*Chen, Weiqin MS, PhD*

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

GEORGIA

*Cho, Kyuwon MS, BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** The role of Cbx7 as a pivotal epigenetic barrier to cell cycle reentry of postnatal cardiomyocytes **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

GEORGIA

*Cui, Xiaobing MD, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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

*Dedhia, Raj MD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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

*Ding, Ye PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Georgia State University **City:** Atlanta **Project Title:** The role of AMPKalpha2 in vascular smooth muscle cell phenotypic switching and atherosclerotic plaque instability **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

GEORGIA

*Dou, Huijuan BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Role of Caveolin-1 in age-related activation of ADAM17 in the adipose tissue endothelium **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

GEORGIA

*Easley, Thomas BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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

*Faulkner, Jessica PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Endothelial mineralocorticoid receptors: Novel mechanism for sex-discrepancies in vascular disorders in obesity **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$104,060

GEORGIA

*Fernandez Esmerats, Joan BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **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

*Freeman, Julianne BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Targeting motor areas for customized transcranial magnetic stimulation in motor rehabilitation treatment of stroke **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

GEORGIA

*Geng, Jiafeng BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Georgia Tech Research Corporation **City:** Atlanta **Project Title:** Visualizing Protein-Drug Interactions by Vibrational Spectroscopy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

GEORGIA

*Guo, Xia PhD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Georgia, Athens **City:** Athens **Project Title:** Deducator of cytokinesis 2 in abdominal aortic aneurysm **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$93,704

GEORGIA

*Han, Pengcheng PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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

*Huo, Yuqing MD, MS*

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

GEORGIA

*Kim, Il-Man PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Biogenesis and regulation of cardiac microRNAs by beta-arrestin-biased agonism of beta1-adrenergic receptor **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

GEORGIA

*Kim, Yongtae PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Regulation of calpain by ERK-dependent phosphorylation in pulmonary vascular remodeling **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$105,704

GEORGIA

*Krieger, Jack BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Georgia Tech Research Corporation **City:** Atlanta **Project Title:** Spatiotemporal regulation of monocyte recruitment and vascularization using heparin hydrogels **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

GEORGIA

*Kwong, Jennifer BA, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Encapsulated mesenchymal stem cells as therapy for ischemia-reperfusion via neutrophil regulation **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

GEORGIA

*Li, Jun PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Durable cardiac pacing from TBX18-induced biological pacemakers **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

GEORGIA

*Li, Xueyi MS, BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Epigenetic Regulation of Galectin-3 in Pulmonary Hypertension **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

GEORGIA

*Li, Jie PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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

*Liang, Liang PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Georgia Tech Research Corporation **City:** Atlanta **Project Title:** Integrated image analysis and computational modeling for TAVR intervention **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

GEORGIA

*Littlejohn, Rodney BA*

**Program Type:** Clinical Health Profession Student Training Program **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Role of neddylation in cardiac development **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

GEORGIA

*Liu, Zhaoyu BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Georgia State University **City:** Atlanta **Project Title:** Macrophage Liver Kinase B1 in Atherosclerosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$88,628

GEORGIA

*Liu, Xu BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Structure-function of tafazzin in cardiac muscle wasting **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

GEORGIA

*Louka, Panagiota BS, MSc*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Georgia, Athens **City:** Athens **Project Title:** Identification and Characterization of Ciliary Tip Proteins **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

GEORGIA

*Mahmoud, Marwa BSC, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** The role of shear-sensitive KLK 10 in endothelial cell inflammation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$103,328

GEORGIA

*Mamenko, Mykola PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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

*Mohamed, Islam BSC, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Role of miR-155 in Acute Oscillatory Shear stress-mediated oxidative stress, inflammation and vascular dysfunction. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

GEORGIA

*Naqvi, Nawazish PhD, MSc*

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

*Nelson, Tyler BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Georgia Tech Research Corporation **City:** Atlanta **Project Title:** The effects of diet induced obesity on lymphatic function and therapeutic intervention in lymphedema progression **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

GEORGIA

*Onohara, Daisuke MD PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **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

*Padala, Muralidhar PhD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Biomechanics of Left Ventricular Remodeling in Secondary Ischemic Mitral Regurgitation: Mechanisms to Therapies **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

GEORGIA

*Palmer, Jacqueline PT, BS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Characterizing the role of the nonlesioned hemisphere in walking recovery in individuals with chronic stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

GEORGIA

*Park, Jeanie MD, MS*

**Program Type:** Collaborative Science Award **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Post Traumatic Stress Disorder and Cardiovascular Disease Risk: Role of Sympathetic Overactivity and Angiotensin II **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$300,000

GEORGIA

*Platt, Manu PhD, BS*

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

*Pollock, Norman BS, BS*

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

GEORGIA

*Qiu, Hong PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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

*Ressler, Kerry MD PhD*

**Program Type:** Collaborative Science Award **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Post Traumatic Stress Disorder and Cardiovascular Disease Risk: Role of Sympathetic Overactivity and Angiotensin II **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$165,000

GEORGIA

*Rezvan, Amir MD, MS*

**Program Type:** Innovative Research Grant **Funding Source:** Greater Southeast **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 Miguez, Paula PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Mechanism of Vascular Dysfunction in Adults who Experienced Adverse Childhood Events **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

GEORGIA

*Romero, Maritza MD, DSc*

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

*Stansfield, Brian BS, MD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Dissecting Neurofibromatosis Type 1 Vasculopathy **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

GEORGIA

*Sukumari Ramesh, Sangeetha MSc, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Molecular mechanisms of astrocyte proliferation after intracerebral hemorrhage **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

GEORGIA

*Sullivan, Jennifer PhD*

**Program Type:** Established Investigator Award **Funding Source:** Greater Southeast **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, Yu-Yo PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Acute Therapy and Primary Stroke Prevention in Humanized Sick 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 **Funding Source:** Greater Southeast **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

*Tang, Xiangyang PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** X-ray phase contrast CT based analysis of atherosclerotic plaques **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

GEORGIA

*Tang, Yaoliang PhD, MD*

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

GEORGIA

*Tawfik, Amany MD, MSc*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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, William MD, PhD*

**Program Type:** Medical Student Research Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Research Fellowship for Developing Clinician Investigators **Award Start Date:** 2/1/2016 **Award End Date:** 1/31/2018 **Total Years:** 2 **Total Award Amount:** \$27,000

GEORGIA

*Taylor, Herman MD, MPH*

**Program Type:** Strategically Focused Research Network **Funding Source:** Greater Southeast **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

*Teoh, Jian Peng BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Beta-adrenergic receptor/beta-arrestin-mediated microRNA regulatory network: A new player in cardioprotective signaling **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

GEORGIA

*Trac, David BS, BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Improving the therapeutic functionality of child cardiac progenitor cells by spherical 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 **Funding Source:** Greater Southeast **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

*Wade, Brandy PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Ubiquitin proteasome system in pulmonary hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

GEORGIA

*Wang, Mong-Heng PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **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, Xiaonan MD*

**Program Type:** Institute - Bayer Discovery Grant **Funding Source:** Greater Southeast **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:** 1 **Total Award Amount:** \$150,000

GEORGIA

*Wang, Jing PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Ganglioside GD3 in neuroregeneration after global cerebral ischemia **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$105,704

GEORGIA

*Wang, Pengfei BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **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, Jinhua BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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

*Ward, Rebecca BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** NLRP3 Inflammasomes, Neurovascular Degeneration and Cognitive Impairment in Diabetic Stroke **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

GEORGIA

*Williams, Clintoria PhD, BS*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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

*Wu, Shengnan PhD, BS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Georgia State University **City:** Atlanta **Project Title:** The Role of FUNDC1 in Mitochondrial Dynamics in

Cardiomyocytes **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

GEORGIA

*Xie, Zhonglin PhD, MD*

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

GEORGIA

*Xiong, Zhigang PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Morehouse School of Medicine **City:** Atlanta **Project Title:** Targeting ASIC1a for stroke intervention **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

GEORGIA

*Xu, Chunhui PhD*

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

GEORGIA

*Xue, Bingzhong PhD*

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

*Yang, Jenny PhD*

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

GEORGIA

*Yin, Hang PhD*

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

*Yoon, Yisang PhD*

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

GEORGIA

*Yu, Liqing PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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, Jing PhD, BA*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** University of Georgia Research Foundation, Inc. **City:** Athens **Project Title:** Development of chemical probes to investigate the functions of protein arginine methyltransferases in angiogenesis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$105,704

GEORGIA

*Zhang, James BSE*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Emory University, Atlanta **City:** Atlanta **Project Title:** Novel Optogenetics Approach for Enhancing Functional Integration of Transplanted Stem Cells after Brain Injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

GEORGIA

*Zhou, Jiliang PhD, MD*

**Program Type:** Established Investigator Award **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Novel role of the lncRNA 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

*Zhou, An PhD*

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

*Zhu, Haidong PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Greater Southeast **Institution:** Augusta University **City:** Augusta **Project Title:** Dietary sodium reduction, inflammation and oxidative stress in hypertensives: a randomized controlled trial **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

GEORGIA

*Zou, Jianqiu PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **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

*Boisvert, William BS, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Western States **Institution:** University of Hawaii **City:** Honolulu **Project Title:** Role of CD98 in smooth muscle cell proliferation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

HAWAII

*Boisvert, William BS, MS*

**Program Type:** Innovative Research Grant **Funding Source:** Western States **Institution:** University of Hawaii **City:** Honolulu **Project Title:** Cholesterol crystals generated by endothelial cells may initiate atherogenesis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

HAWAII

*Kuwabara, Jill BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of

Hawaii - John A. Burns School of Medicine **City:** Honolulu **Project Title:** Role of cardiac fibroblasts in regulating myocyte and endothelial cell function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

HAWAII

*Tallquist, Michelle PhD*

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

HAWAII

*Williams, Allison BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Western States **Institution:** University of Hawaii **City:** Honolulu **Project Title:** MiR-29c regulation of SERCA2 in hypoxic heart disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

HAWAII

*Yap, Jonathan BA, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Western States **Institution:** University of Hawaii **City:** Honolulu **Project Title:** Over-expression of Chitotriosidase Modulates Macrophage Function and Progression of Atherosclerosis in Hyperlipidemic, L **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

IDAHO

*Beard, Richard BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Western States **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

*Allen, Norrina BS, MPH*

**Program Type:** Strategically Focused Research Network **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City:** Chicago **Project Title:** Trajectories in Cardiovascular Health (CVH) Metrics and Score From Childhood through Middle-Age **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$835,280

ILLINOIS

*Allen, Norrina BS, MPH*

**Program Type:** Strategically Focused Research Network **Funding Source:** Midwest **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

*Ameer, Guillermo ScD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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

*Anderson, Gregory PhD, BS*

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

ILLINOIS

*Ardehali, Hossein PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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

*Aubert, Virginie PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** Loyola University Chicago **City:** Chicago **Project Title:** Receptor trafficking regulation in hypothalamic neurons: a mechanism underlying obesity and associated diseases **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

ILLINOIS

*Binder-Markey, Benjamin BSE*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City:** Chicago **Project Title:** The Effects of Musculoskeletal Adaptations Versus Neural Deficits on Hand and Wrist Function in Individuals with Stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ILLINOIS

*Blair, John BA, MD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** University of Chicago **City:** Chicago **Project Title:** Microvascular Dysfunction in Heart Failure with Preserved Ejection Fraction **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

ILLINOIS

*Bollache, Emilie PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City:** Chicago **Project Title:** Evaluation of tissue at-risk for remodeling after aortic root or valve repair in bicuspid aortic valve **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$99,112

ILLINOIS

*Byun, Sangwon PhD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **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 **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City:** Chicago **Project Title:** Contribution of Fibroblast Growth Factor 23 (FGF23) to Racial Disparities in Left Ventricular Mass and Albumin/Creatinin **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2019 **Total Years:** 4 **Total Award Amount:** \$763,704

ILLINOIS

*Cho, Jaehyung PhD*

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

ILLINOIS

*Collins, Kerrie BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **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, Archita PhD, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Illinois at Chicago **City:** Chicago **Project Title:** Novel Interaction of Antioxidant-1 with p47phox and TRAF4: Role in TNFalpha-induced ROS signaling and atherosclerosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

ILLINOIS

*Das, Aditi PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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

*Del Rios, Marina MD, MS*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Midwest **Institution:** University of Illinois at Chicago **City:** Chicago **Project Title:** Measuring disparities in the chain of survival among Hispanic communities **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,877

ILLINOIS

*Fancher, Ibra PhD, BS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Illinois at Chicago **City:** Chicago **Project Title:** Obesity and Endothelial Dysfunction: Kir channels in the progression of vascular disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$99,112

ILLINOIS

*Feinstein, Matthew MD*

**Program Type:** Fellow-to-Faculty **Funding Source:** Midwest **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

*Ghosh, Asish PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City:** Chicago **Project Title:** Acetyltransferase p300 in myofibroblast differentiation and cardiac fibrosis

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

ILLINOIS

*Grayczyk, James BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **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 **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City:** Chicago **Project Title:** Northwestern University Strategically Focused Prevention Research Network **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$580,800

ILLINOIS

*Guzzetta, Alexander BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Chicago **City:** Chicago **Project Title:** Hedgehog signaling controls gene regulatory networks for early cardiovascularogenesis **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$51,900

ILLINOIS

*Hou, Lifang MD, MSc*

**Program Type:** Strategically Focused Research Network **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City:** Chicago **Project Title:** Epigenetics of Cardiovascular Health Metrics **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$982,316

ILLINOIS

*Hou, Lifang MD, MSc*

**Program Type:** Strategically Focused Research Network **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

*Jeong, Yong BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City:** Chicago **Project Title:** Absolute Quantification of Corrected 3D Perfusion for MR Imaging of Stroke **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

ILLINOIS

*Kanaporis, Giedrius BS, MS*

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

ILLINOIS

*Kang, Hojin PhD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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

*Kershaw, Kiarri BS, MS*

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

ILLINOIS

*Kim, Kyekyoon PhD, MS*

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



ILLINOIS

*Kim, Young-Chae PhD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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

*Kim, Kyungho PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** University of Illinois at Chicago **City:** Chicago **Project Title:** Role of platelet Ero1alpha in platelet function and thrombogenesis **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$231,000

ILLINOIS

*Kirk, Jonathan BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** Loyola University Chicago **City:** Chicago **Project Title:** GSK-3B mediates myofilament function in cardiac dyssynchrony **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

ILLINOIS

*Klingensmith, Jon BSEE, MS*

**Program Type:** AHA Institutional Research Enhancement Award (AIREA) **Funding Source:** Midwest **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

*Kouzu, Hidemichi MD PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City:** Chicago **Project Title:** Role of tristetraprolin in cardiac fatty acid metabolism and development of heart failure **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$118,650

ILLINOIS

*Krishack, Paulette BS, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Chicago **City:** Chicago **Project Title:** Type 2 Inflammatory Response Protects Against Staphylococcus aureus Induced Sepsis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

ILLINOIS

*Lei, Yuk Man BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **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

*Liu, Yuru PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

*Marcum, Ryan BS, MSc*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Northwestern  
University, Evanston **City:** Evanston **Project Title:** Structural Studies of Histone Deacetylase  
Recruitment to the Sin3L/Rpd3L Corepressor Complex **Award Start Date:** 1/1/2016 **Award End Date:**  
12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

ILLINOIS

*Marino, Bradley MD, BA*

**Program Type:** Strategically Focused Research Network **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

*Mccann, Maximilian BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Illinois at Chicago **City:** Chicago **Project Title:** Emc10, a novel circulating factor, regulates beta-cell mass and adipocyte metabolism **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ILLINOIS

*Misra, Chaitali PhD, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Illinois, Champaign-Urbana **City:** Urbana **Project Title:** Functional consequences of Rbfox2 splice isoform switch in Myotonic dystrophy type 1 **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

ILLINOIS

*Mittal, Manish PhD, MSc*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** University of Illinois at Chicago **City:** Chicago **Project Title:** Novel Role of TNF alpha stimulated gene 6 (TSG6) in macrophages polarization and suppression of lung vascular injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

ILLINOIS

*Montefiori, Lindsey BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Chicago **City:** Chicago **Project Title:** Elucidation of long-range gene regulation during cardiomyocyte development **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ILLINOIS

*Moskowitz, Ivan PhD, MD*

**Program Type:** Collaborative Science Award **Funding Source:** Midwest **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

*Moskowitz, Ivan PhD, MD*

**Program Type:** Established Investigator Award **Funding Source:** Midwest **Institution:** University of Chicago **City:** Chicago **Project Title:** How to construct the heart: Specification, morphogenesis, and

maintenance of cardiac lineages **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$400,000

ILLINOIS

*Palekar, Rohun BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

*Papavasiliou, Georgia PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Midwest **Institution:** Illinois Institute of Technology, Chicago **City:** Chicago **Project Title:** Controlled Peptide Co-delivery from Hydrogel Nanoparticle Matrices for Therapeutic Neovascularization of Ischemic Tissue **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$149,993

ILLINOIS

*Perez-Pinera, Pablo MD PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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

*Radhakrishnan, Ishwar PhD, BS*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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

*Rowton, Megan PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **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

*Ruthenburg, Alexander PhD, BA*

**Program Type:** Collaborative Science Award **Funding Source:** Midwest **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

*Sawicki, Elizabeth BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Illinois, Champaign-Urbana **City:** Urbana **Project Title:** Mechanisms of Enhanced Neuroprotection in Ischemic Stroke by Intranasal Gelatin Nanoparticles **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

ILLINOIS

*Schnell, Susanne MSc, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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

*Schwartz-Duval, Aaron BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Illinois, Champaign-Urbana **City:** Urbana **Project Title:** Hyperbranched gold nano-polyvilli for early detection and post-op analysis of atherosclerotic plaques **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ILLINOIS

*Seimetz, Joe BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **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:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

ILLINOIS

*Shah, Sanjiv MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Midwest **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

*Shepherd, Maxwell BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Northwestern University, Evanston **City:** Evanston **Project Title:** Robotic knee extension assistance to improve sit-to-stand performance in stroke patients **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

ILLINOIS

*Siemionow, Maria PhD, MD*

**Program Type:** Innovative Research Grant **Funding Source:** Midwest **Institution:** University of Illinois at Chicago **City:** Chicago **Project Title:** Novel Tolerogenic CD34/MSD Di-Chimeric Cell Therapy in Vascularized Composite Allograft and Heart Transplant Models **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

ILLINOIS

*Singh, Harinder BSC, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Illinois at Chicago **City:** Chicago **Project Title:** Novel roles of lipid-rafts/caveolae as signaling platforms for endothelial dysfunction induced by anti-depressant drugs **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$99,112

ILLINOIS

*Sladojevic, Nikola MD PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Chicago **City:** Chicago **Project Title:** Novel strategy to protect blood-brain barrier integrity by modulating RGS5 in ischemic stroke. **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$125,120

ILLINOIS

*Spring, Bonnie PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Midwest **Institution:** Northwestern University, Chicago **City:** Chicago **Project Title:** mHealth Intervention to Preserve and Promote Ideal Cardiovascular Health **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$1,310,799

ILLINOIS

*Suresh, Nina PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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 **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

*Valdez-Jasso, Daniela BS, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** University of Illinois at Chicago **City:** Chicago **Project Title:** Ventriculo-vascular coupling in PAH ' Significance of large-vessel remodeling on cardiac and pulmonary vascular function **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$228,323

ILLINOIS

*Van Horn, Linda BS, MA*

**Program Type:** Strategically Focused Research Network **Funding Source:** Midwest **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

*Varadarajan, Sudhahar BSC, MSc*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** University of Illinois at Chicago **City:** Chicago **Project Title:** Protective Role of Cu transporter ATP7A in Aortic Aneurysm formation **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$214,500

ILLINOIS

*Ware, Stephanie PhD, MD*

**Program Type:** Established Investigator Award **Funding Source:** Midwest **Institution:** Indiana University, Indianapolis **City:** Indianapolis **Project Title:** Genetic and epigenetic mechanisms in cardiomyopathy **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$400,000

ILLINOIS

*Wary, Kishore PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

*Wolf, Myles MD, MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Midwest **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

ILLINOIS

*Wolff, Ian BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **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

ILLINOIS

*Wren, Lisa BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **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



ILLINOIS

*Xiao, Jisheng PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** Northwestern University, Evanston **City:** Evanston **Project Title:** Folic Acid Modified Copper Metal Organic Frameworks for the Treatment of Ischemic Disease **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$99,112

ILLINOIS

*Yang, Xiaoyan PhD, MD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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

ILLINOIS

*Yi, Sijia BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **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

ILLINOIS

*Zajac, Allison PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Chicago **City:** Chicago **Project Title:** The Role of mRNA Localization in Type IV Collagen Folding and Secretion **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

ILLINOIS

*Zhao, Ming PhD*

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

INDIANA

*Ahmad, Shaad BA, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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

INDIANA

*Basile, David PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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

INDIANA

*Boerckel, Joel PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** University of Notre Dame **City:** Notre Dame **Project Title:** Mechanical Control of Therapeutic Vasculogenesis for Peripheral Ischemia **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

INDIANA

*Brindise, Melissa BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **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

INDIANA

*Cao, Yingchun PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** Purdue University, West Lafayette **City:** West Lafayette **Project Title:** High-speed optical-resolution intravascular vibrational photoacoustic imaging of atherosclerotic plaque **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

INDIANA

*Chelvanambi, Sarvesh BA, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Indiana University, Indianapolis **City:** Indianapolis **Project Title:** Role of HIV-1 Nef in Endothelial Cell Dysfunction **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

INDIANA

*El, Kimberley BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Indiana University,

Indianapolis **City:** Indianapolis **Project Title:** Mitogen-inducible Gene 6 Accelerates Beta Cell Destruction **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

INDIANA

*Fairfax, Keke PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** Purdue University, West Lafayette **City:** West Lafayette **Project Title:** Understanding the Development of the Liver B Cell Compartment During Schistosomiasis: Development of a Novel Vaccine **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

INDIANA

*Frumpp, Andrea PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **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

INDIANA

*Gilk, Stacey PhD, BS*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** Indiana University, Indianapolis **City:** Indianapolis **Project Title:** Role of cholesterol in host cell colonization by the Q fever agent *Coxiella burnetii* **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

INDIANA

*Goergen, Craig PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** Purdue University, West Lafayette **City:** West Lafayette **Project Title:** Photoacoustic Imaging of Abdominal Aortic Aneurysms **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

INDIANA

*Gowher, Humaira PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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

INDIANA

*Lafavers, Kaice BS, MPH*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Indiana University, Indianapolis **City:** Indianapolis **Project Title:** The role of a novel dense granule protein in calcium-dependent signaling in *Toxoplasma gondii* **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$52,000

INDIANA

*Lahm, Tim MD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** Indiana University, Indianapolis **City:** Indianapolis **Project Title:** Estrogen receptor-alpha effects on right ventricular vascular density and angiogenesis in pulmonary hypertension **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

INDIANA

*Leung, Jacqueline BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** Indiana University, Bloomington **City:** Bloomington **Project Title:** Replication of *Toxoplasma gondii* - the Role of the Apical Polar Ring **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

INDIANA

*Lyon, Angeline BA, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** Purdue University, West Lafayette **City:** West Lafayette **Project Title:** Rap1-Dependent Phospholipase Cepsilon Activation, a Driver of Cardiac Hypertrophy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$231,000

INDIANA

*March, Keith PhD, MD*

**Program Type:** Innovative Research Grant **Funding Source:** Midwest **Institution:** Indiana University, Indianapolis **City:** Indianapolis **Project Title:** Adipose Stem Cell Secretome Provides Novel Functional and Molecular Cardiac Preservation **Award Start Date:** 1/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$150,000

INDIANA

*Mulye, Minal*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** Indiana University, Indianapolis **City:** Indianapolis **Project Title:** Lipid droplets in Q fever endocarditis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$102,676

INDIANA

*Overholser, Brian PharmD*

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

INDIANA

*Pang, Peter MD, MS*

**Program Type:** Innovative Research Grant **Funding Source:** Midwest **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

*Tesini Roseguini, Bruno PT, MSc*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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

*Vincentz, Joshua PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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 **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

*Xing, Zheng BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** Purdue University, West Lafayette **City:** West Lafayette **Project Title:** Biochemical and Biological Conservation of DDX5 in Mammals and Yeast: New Paradigms for Metabolic Gene Regulation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

INDIANA

*Yuan, Yuan MD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** Indiana University, Indianapolis **City:** Indianapolis **Project Title:** Using subcutaneous nerve stimulation to reduce cardiac sympathetic tone **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550

IOWA

*Abel, Evan MD PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

IOWA

*Boudreau, Ryan PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City **City:** Iowa City **Project Title:** REGULATION AND ROLE OF MIR-200 IN HEART **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

IOWA

*Chauhan, Anil PhD, MT*

**Program Type:** Innovative Research Grant **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City **City:** Iowa City **Project Title:** Targeting pyruvate kinase M2: A novel antiplatelet strategy to prevent thrombosis **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

IOWA

*Dhanesha, Nirav PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **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

IOWA

*Grobe, Justin PhD, BS*

**Program Type:** Strategically Focused Research Network **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

*Guo, Ang BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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

*Heistad, Donald MD*

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

IOWA

*Holwerda, Seth PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **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

*Li, Zhao PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City **City:** Iowa City **Project Title:** Role of PKC in SGLT1 Mediated Cardiac Ischemia/Reperfusion Injury **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$99,112

IOWA

*Li, Xiaopeng PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City **City:** Iowa City **Project Title:** Cardiogenic pulmonary edema resolution with CFTR potentiator **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

IOWA

*Lira, Vitor PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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 **Funding Source:** Midwest **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 **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

*Pereira Alambert, Renata BS, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **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 **Funding Source:** Midwest **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 **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

*Reho, John PhD, BS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City **City:** Iowa City **Project Title:** mTORC1 as a novel regulator of vascular function in obesity **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

IOWA

*Sabharwal, Rasna BS, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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

*Sah, Rajan PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City  
**City:** Iowa City **Project Title:** Ion channel regulation of pancreatic beta cell function **Award Start Date:**  
7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

IOWA

*Salgado-Pabon, Wilmara BS, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** University of  
Iowa, Iowa City **City:** Iowa City **Project Title:** Toxin-mediated cellular mechanism for development of  
Staphylococcus aureus infective endocarditis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018  
**Total Years:** 3 **Total Award Amount:** \$214,500

IOWA

*Sandgren, Jeremy BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Iowa,  
Iowa City **City:** Iowa City **Project Title:** Vascular mechanisms of vasopressin action in a novel mouse  
model of preeclampsia **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total  
Award Amount:** \$51,900

IOWA

*Santillan, Mark BS, BA*

**Program Type:** Strategically Focused Research Network **Funding Source:** Midwest **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

*Schickling, Brandon BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Iowa,  
Iowa City **City:** Iowa City **Project Title:** MicroRNA Regulation of Smooth Muscle Nox4 in Vascular  
Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award  
Amount:** \$51,900

IOWA

*Scroggins, Sabrina PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Iowa,  
Iowa City **City:** Iowa City **Project Title:** The Role of Vasopressin in the Pathogenesis of Preeclampsia  
**Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:**  
\$102,550

IOWA

*Sigmund, Curt BA, MA*

**Program Type:** Strategically Focused Research Network **Funding Source:** Midwest **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

*Singh, Madhu PhD, MSc*

**Program Type:** Innovative Research Grant **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City **City:** Iowa City **Project Title:** TRIF-Dependent Innate Immune Pathways in Ang II Hypertension **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

IOWA

*Slusarski, Diane PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **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

*Thiel, William BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** University of Iowa, Iowa City **City:** Iowa City **Project Title:** Inhibition of Vascular Disease with Cell-Targeted RNA Aptamers **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

IOWA

*Urak, Kevin BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Midwest **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

*Wauson, Eric PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** Des Moines University Osteopathic Medical Center **City:** Des Moines **Project Title:** Modulation of the function of the GPCR T1R1/T1R3 for the treatment of cardiovascular disease **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$211,903

IOWA

*Wu, Jing MD, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **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 **Funding Source:** Midwest **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

*Billinger, Sandra PhD, MS*

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

KANSAS

*Caruso, Giuseppe BS, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **Institution:** University of Kansas, Lawrence **City:** Lawrence **Project Title:** Role of carnosine in regulation of production of RNOs by macrophages **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

KANSAS

*Czirok, Andras PhD*

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

KANSAS

*Johnson, Rajasingh PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Midwest **Institution:** University of Kansas Medical Center **City:** Kansas City **Project Title:** Molecular Recapitulation of Noonan Syndrome in iPSC-derived

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

KANSAS

*Kozai, Keisuke PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Midwest **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

*Rao, Reena PhD*

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

KANSAS

*Rongish, Brenda PhD*

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

KANSAS

*Vediyappan, Govindsamy PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Midwest **Institution:** Kansas State University, Manhattan **City:** Manhattan **Project Title:** Candida albicans hyphal growth and virulence inhibition **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

KENTUCKY

*Boyчук, Carrie PhD, BS*

**Program Type:** Scientist Development Grant **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City:** Lexington **Project Title:** Neurosteroid Modulation Of Tonic GABAA Receptor Plasticity And Its Implications In Diabetes **Award Start Date:** 1/1/2016 **Award End Date:** 6/30/2020 **Total Years:** 4 **Total Award Amount:** \$308,000

KENTUCKY

*Chen, Lei MD, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City:** Lexington **Project Title:** Smad1 inhibition attenuates cerebral ischemia-reperfusion damage and promotes brain repair from neural stem cells **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

KENTUCKY

*Delisle, Brian BS, PhD*

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

KENTUCKY

*Delisle, Brian BS, PhD*

**Program Type:** Institute - Catalyst Renewal Grant **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City:** Lexington **Project Title:** A Gene-first Strategy in the Early-identification of Inherited Arrhythmia Syndromes **Award Start Date:** 5/1/2017 **Award End Date:** 4/30/2018 **Total Years:** 1 **Total Award Amount:** \$250,000

KENTUCKY

*Despa, Florin MSc, PhD*

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

KENTUCKY

*Gibb, Andrew BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Louisville **City:** Louisville **Project Title:** Metabolic Regulation of Myocardial Adaptations to Exercise **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

KENTUCKY

*Jones, Steven PhD*

**Program Type:** Mentor-AHA Mentee Award **Funding Source:** Great Rivers **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*

**Program Type:** Scientist Development Grant **Funding Source:** Great Rivers **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

KENTUCKY

*Lee, Sangderk PhD*

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

*Muradashvili, Nino MD*

**Program Type:** Scientist Development Grant **Funding Source:** Great Rivers **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 **Funding Source:** Great Rivers **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 **Funding Source:** Great Rivers **Institution:** University of Louisville **City:** Louisville **Project 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

*Rhoads, Megan BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City:** Lexington **Project Title:** Sympathetic Nerve Activity and T-Lymphocytes in Spontaneously Hypertensive Caribbean Vervets **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

KENTUCKY

*Satin, Jonathan PhD*

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

KENTUCKY

*Satin, Jonathan PhD*

**Program Type:** Undergraduate Fellowship **Funding Source:** Great Rivers **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

*Shoemaker, Robin BA, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City:** Lexington **Project Title:** Effects of adipocyte ACE2 on the development of obesity-hypertension **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

KENTUCKY

*Soucy, Kevin PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Great Rivers **Institution:** University of Louisville **City:** Louisville **Project Title:** Vascular response to continuous flow ventricular assist device with pulsatile flow modulation in mock circulation system **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$230,695

KENTUCKY

*Stivers, Katlin BA, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Great Rivers **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

*Subramanian, Venkateswaran PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Great Rivers **Institution:** University of Kentucky, Lexington **City:** Lexington **Project Title:** Role of macrophage-specific calpain-2 in



hypercholesterolemia-induced atherosclerosis **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

KENTUCKY

*Veeranki, Sudhakar PhD, DVM*

**Program Type:** Scientist Development Grant **Funding Source:** Great Rivers **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 **Funding Source:** Great Rivers **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

*Wang, Qingjun PhD*

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

KENTUCKY

*Weaver, Chelsea BS, AS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Great Rivers **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 **Funding Source:** Great Rivers **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

KENTUCKY

*Whiteheart, Sidney PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Great Rivers **Institution:** University of Kentucky,

Lexington **City:** Lexington **Project Title:** Platelet Endocytosis in Hemostasis and Innate Immunity  
**Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:**  
\$154,000

KENTUCKY

*Wu, Congqing MS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Great Rivers **Institution:** University of  
Kentucky College of Medicine **City:** Lexington **Project Title:** Lyn in Sepsis **Award Start Date:**  
7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

KENTUCKY

*Yu, Guoqiang PhD*

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

LOUISIANA

*Chaparro Lanfranco, Maria Pia PhD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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

*Eshaq, Randa BS, MA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Louisiana State  
University Health Sciences Center Shreveport **City:** Shreveport **Project Title:** Platelet Endothelial Cell  
Adhesion Molecule-1 (PECAM-1) loss in diabetic retinopathy **Award Start Date:** 7/1/2016 **Award End  
Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

LOUISIANA

*Finney, Alexandra BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **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

*Francis, Joseph PhD, DVM*

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

LOUISIANA

*Gardner, Jason PhD*

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

LOUISIANA

*Gavins, Felicity BSC, PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Greater Southeast **Institution:** Louisiana State University Health Sciences Center Shreveport **City:** Shreveport **Project Title:** A Novel Role For Neutrophils in Sickle Cell Disease: New Avenues To Target Cerebral Microvascular Dysfunction **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

LOUISIANA

*Intapad, Suttira BSC, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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

*Katakam, Prasad MD, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Tulane University, New Orleans **City:** New Orleans **Project Title:** Insulin and hypoglycemia promote cerebrovascular injury to hypoxia-reoxygenation in insulin resistance **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

LOUISIANA

*Lee, Reggie PhD, BS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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 **Funding Source:** Greater Southeast **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

*Mungrue, Imran PhD, BSC*

**Program Type:** Innovative Research Grant **Funding Source:** Greater Southeast **Institution:** Louisiana State University, New Orleans **City:** New Orleans **Project Title:** A novel method for Rapid Simultaneous Proteome Quantitation in biological samples **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

LOUISIANA

*Navar, L Gabriel PhD*

**Program Type:** Medical Student Research Fellowship **Funding Source:** Greater Southeast **Institution:** Tulane University, New Orleans **City:** New Orleans **Project Title:** GSA Summer 2016 Health Sciences Fellowship-Tulane Physiology **Award Start Date:** 2/1/2016 **Award End Date:** 1/31/2018 **Total Years:** 2 **Total Award Amount:** \$27,000

LOUISIANA

*Newcomer, Marcia PhD*

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

LOUISIANA

*Patillo, Christopher PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Louisiana State University Health Sciences Center Shreveport **City:** Shreveport **Project Title:** Influence of Glutathione on Ischemic Angiogenesis **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

LOUISIANA

*Rutkai, Ibolya MSc, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **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

*Sriramula, Srinivas PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Greater Southeast **Institution:** Louisiana State University, New Orleans **City:** New Orleans **Project Title:** Role of bradykinin 1 receptor in neurogenic hypertension **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

LOUISIANA

*Sure, Venkata MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Tulane University, New Orleans **City:** New Orleans **Project Title:** Role of Neuronal Nitric Oxide Synthase in Brain Microvascular Endothelial Cells **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

LOUISIANA

*Vozenilek, Aimee BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Louisiana State University Health Sciences Center Shreveport **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 **Funding Source:** Greater Southeast **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

LOUISIANA

*Zimmerman, Margaret BS, DPhil*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Greater Southeast **Institution:** Tulane University, New Orleans **City:** New Orleans **Project Title:** Renoprotective Effects of the G-Protein Coupled Estrogen Receptor **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$93,704

MAINE

*Lessard, Amanda BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Maine Medical Center **City:** Portland **Project Title:** Role of retinoids during myocardial infarction **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

MAINE

*Liaw, Lucy PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

*Pinto, Alexander BS, PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Founders **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

*Robich, Michael MD*

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

MARYLAND

*Acoba, Michelle Grace BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** A Molecular Understanding of Sengers

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

MARYLAND

*Agnetti, Giulio PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** New Paradigms in Heart Proteotoxicity and Failure **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

MARYLAND

*Ahima, Rexford MD PhD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Mid-Atlantic **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 Science Award **Funding Source:** Mid-Atlantic **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

*Barth, Andreas MD PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Mid-Atlantic **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

*Benkoski, Jason BS, PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Mid-Atlantic **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

*Bennett, Wendy MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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

*Bracamonte, William PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Role of Resident Innate Lymphoid Cells on Inflammatory Heart Diseases **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

MARYLAND

*Brown, Erin PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University **City:** Baltimore **Project Title:** The Role of Estrogen Related Receptors in adipose tissue thermogenesis and metabolism **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$102,550



MARYLAND

*Catania, Selen PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Mid-Atlantic **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

*Choi, Hee Sun BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Role of group 2 innate lymphoid cells in eosinophilic pericarditis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MARYLAND

*Cihakova, Daniela PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** DRIVERS OF POST-INFARCT CARDIAC 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 **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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:** 1 **Total Award Amount:** \$150,000

MARYLAND

*Cudmore, Robert PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Mid-Atlantic **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

*Das, Samarjit PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Novel Insights into the Role of Mitochondrial microRNA in Heart Disease **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

MARYLAND

*Du, Yong PhD*

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

MARYLAND

*Fleury Curado, Thomaz MD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Chemogenetic approach to obstructive sleep apnea **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

MARYLAND

*Frank, Kristi BS, BS*

**Program Type:** Scientist Development Grant **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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

*Gerassimov, Nathalie BA*

**Program Type:** Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Mechanistic Study of Dynamin in Drosophila Myoblast Fusion **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MARYLAND

*Gerecht, Sharon PhD*

**Program Type:** Established Investigator Award **Funding Source:** Mid-Atlantic **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

*Goyanes, Alice BA, MD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Cell and Molecular Biology of Endostatin: A Predictor of Survival in Pulmonary Arterial Hypertension **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$114,400

MARYLAND

*Greiser, Birte Maura MD, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** University of Maryland, Baltimore **City:** Baltimore **Project Title:** Altered Mechano-Transduction as a Novel

Arrhythmogenic Mechanism in Atrial Fibrillation **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MARYLAND

*Halushka, Marc BS, MD PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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 Science Award **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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

*Johansen, Michelle MD, MD*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Investigation of Left Atrial Structure, Stroke Etiology and Recurrence (I-LASER study) **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MARYLAND

*Karasik, Agnes MSc*

**Program Type:** Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** The Henry M Jackson Foundation for the Advancement of Military Medicine **City:** Bethesda **Project Title:** 5' tRNA processing in the mitochondria and its potential connection with mitochondria related heart diseases **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MARYLAND

*Kass, David MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Mid-Atlantic **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

*Kohr, Mark BA, PhD*

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

MARYLAND

*Kolb, Todd MD, PhD*

**Program Type:** Fellow-to-Faculty **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Regulation of Pulmonary Hypertension Induced RV Angiogenesis by MIF **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2018 **Total Years:** 5 **Total Award Amount:** \$593,000

MARYLAND

*Kontrogiani-Konstantopoulos, Aikaterini PhD*

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

MARYLAND

*Kuo, Che-Ying BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Maryland **City:** College Park **Project Title:** Mechanisms of Trophoblast Invasion and Vascular Remodeling in Preeclamptic Pregnancy using a Dynamic Bioprinted Placenta **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$53,688

MARYLAND

*Kuzmiak-Glancy, Sarah BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Mid-Atlantic **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:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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

*Lane, Hannah BS, MPH*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Maryland, Baltimore **City:** Baltimore **Project Title:** Student Wellness Champions for Change: engaging youth leaders in enhancing wellness policy implementation **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$103,328

MARYLAND

*Lawton, Jennifer MD*

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

MARYLAND

*Li, Qian PhD, MD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Modulation of microglial polarization by interleukin-10 after intracerebral hemorrhage **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$110,300

MARYLAND

*Lin, Michelle MD, MPH*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Mid-Atlantic **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, Peiyong PhD*

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

*Liu, Ting PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Genetic modifications of mitochondrial Ca<sup>2+</sup> dynamics in heart failure and sudden cardiac death **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

MARYLAND

*Maruthur, Nisa MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Mid-Atlantic **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

*McEvoy, John MB BCH, MHS*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Advancing our understanding of Neprilysin, a novel biomarker and target of a major new class of heart failure therapy. **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MARYLAND

*Montasser, May BS, MS*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

MARYLAND

*Ong, Chin Siang MBBS, MBBS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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

*Ouyang, Pamela MBBS*

**Program Type:** Strategically Focused Research Network **Funding Source:** Mid-Atlantic **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

*Pandey, Deepesh BA, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Mid-Atlantic **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

*Patel, Divya BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Maryland, College Park **City:** College Park **Project Title:** Engineering Extracellular Vesicles for Therapeutic Vascularization **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MARYLAND

*Pham, Luu BS, MD*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Mid-Atlantic **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

*Pluznick, Jennifer BA, PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Gut Microbial Metabolites and Hypertension **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

MARYLAND

*Post, Wendy MD, MS*

**Program Type:** Strategically Focused Research Network **Funding Source:** Mid-Atlantic **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:** Postdoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Protein Kinase G Stimulation of Autophagy **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$106,350

MARYLAND

*Ruan, Linhao BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Mid-Atlantic **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

*Schar, Michael PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Mid-Atlantic **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 **Funding Source:** Mid-Atlantic **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

*See, Vincent BS, MD*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Mid-Atlantic  
**Institution:** University of Maryland, Baltimore **City:** Baltimore **Project Title:** Integrated biomarkers of myocardial fibrosis and injury predict atrial fibrillation substrate and ablation outcome **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MARYLAND

*Shilagardi, Khurts PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Mid-Atlantic **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

*Su, Pan BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Fingerprinting Arterial Spin Labeling MRI: technical development and application in cerebrovascular diseases **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MARYLAND

*Tsui, Benjamin PhD, BS*

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

MARYLAND

*Wan, Mei PhD*

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

*Wescott, Andrew BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Maryland, Baltimore **City:** Baltimore **Project Title:** Mitochondrial Calcium Signaling in Healthy and Failing Heart **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MARYLAND

*Whelton, Seamus BA, MPH*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Mid-Atlantic **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

*Woodward, Owen PhD, BA*

**Program Type:** Scientist Development Grant **Funding Source:** Mid-Atlantic **Institution:** University of Maryland, Baltimore **City:** Baltimore **Project Title:** Regulation of uric acid transporter ABCG2 in the kidney **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

MARYLAND

*Yang, Chieh-ling BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** University of Maryland, Baltimore **City:** Baltimore **Project Title:** Cortical enhancement of posture, movement planning, and execution during standing voluntary reach following stroke **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MARYLAND

*Zhou, Yi BS, BS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Mid-Atlantic **Institution:** Johns Hopkins University School of Medicine **City:** Baltimore **Project Title:** Effects of ischemic injury on adult hippocampal neurogenesis and neuronal migration **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MARYLAND

*Zimmerman, Stefan MD, BA*

**Program Type:** Grant-in-Aid **Funding Source:** Mid-Atlantic **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 Science Award **Funding Source:** Founders **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 **Funding Source:** Founders **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:** \$59,3000

MASSACHUSETTS

*Al-Shaar, Laila BSC, MSc*

**Program Type:** Predoctoral Fellowship **Funding Source:** Founders **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 **Funding Source:** Founders **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 **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Armoundas, Antonis PhD*

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

MASSACHUSETTS

*Azzi, Jamil MD*

**Program Type:** Fellow-to-Faculty **Funding Source:** Founders **Institution:** Brigham & Women's Hospital **City:** Boston **Project Title:** The novel role of PI3Kgamma pathway in alloimmunity **Award Start Date:** 7/1/2013 **Award End Date:** 6/30/2018 **Total Years:** 5 **Total Award Amount:** \$593,000

MASSACHUSETTS

*Bachschnid, Markus PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Barsegov, Valeri PhD*

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

MASSACHUSETTS

*Bezzarides, Vassilios PhD, BS*

**Program Type:** Fellow-to-Faculty **Funding Source:** Founders **Institution:** Boston Children's Hospital  
**City:** Boston **Project Title:** Mechanisms and Novel Molecular Therapeutic Strategies for  
Catecholaminergic polymorphic Ventricular Tachycardia (CPVT) **Award Start Date:** 7/1/2017 **Award  
End Date:** 6/30/2022 **Total Years:** 5 **Total Award Amount:** \$593,000

MASSACHUSETTS

*Biddinger, Sudha MD PhD*

**Program Type:** Established Investigator Award **Funding Source:** Founders **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 **Funding Source:** Founders **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 Science Award **Funding Source:** Founders **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

*Boyer, Laurie PhD*

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

MASSACHUSETTS

*Branch-Elliman, Westyn MD, MSc*

**Program Type:** Institute - Data Grant **Funding Source:** Founders **Institution:** Boston VA Research  
Institute, Inc. **City:** Boston **Project Title:** Application of Advanced Medical Informatics to Improve  
Arrhythmia Care through Reduction of Cardiac Device Infections **Award Start Date:** 4/1/2017 **Award  
End Date:** 3/31/2018 **Total Years:** 1 **Total Award Amount:** \$49,999

MASSACHUSETTS

*Breton-Romero, Rosa BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Boston University Medical Campus **City:** Boston **Project Title:** Contribution of JNK signaling to Endothelial Dysfunction in Human Diabetes Mellitus **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$94,600

MASSACHUSETTS

*Chen, Hong BSC, MS*

**Program Type:** Established Investigator Award **Funding Source:** Founders **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 **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Chishti, Athar MS, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Tufts University, Boston **City:** Boston **Project Title:** Regulation of calcium homeostasis in platelets **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$198,000

MASSACHUSETTS

*Chouchani, Edward PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **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 BSc, MSc*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **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

*Cocchi, Michael BA, MD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Beth Israel Deaconess Medical Center **City:** 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

*Cotten, Joseph MD PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Founders **Institution:** Massachusetts General Hospital **City:** Boston **Project Title:** Targeting the Over Active Carotid Body **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

MASSACHUSETTS

*Courties, Gabriel PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **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 **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Davis-Knowlton, Jessica BS, MS*

**Program Type:** Predoctoral Fellowship **Funding Source:** Founders **Institution:** Tufts University, Boston **City:** Boston **Project Title:** The Role of Notch Signaling in Vascular Occlusive Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MASSACHUSETTS

*Del Monte, Federica MD, PhD*

**Program Type:** Collaborative Science Award **Funding Source:** Founders **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 Science Award **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Donahue, J Kevin BA, MD*

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

MASSACHUSETTS

*Dorbala, Sharmila MD, MPH*

**Program Type:** Collaborative Science Award **Funding Source:** Founders **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:** Established Investigator Award **Funding Source:** Founders **Institution:** Massachusetts General Hospital **City:** Boston **Project Title:** Genetic and Translational Approaches to Identifying Novel Pathways for Atrial Fibrillation **Award Start Date:** 1/1/2013 **Award End Date:** 12/31/2017 **Total Years:** 5 **Total Award Amount:** \$400,000

MASSACHUSETTS

*Elmariah, Sammy MD, MPH*

**Program Type:** Fellow-to-Faculty **Funding Source:** Founders **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

*Elsworth, Brendan BSc, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Harvard School of Public Health **City:** Boston **Project Title:** Using Plasmodium knowlesi as a genetic model for drug resistance in Plasmodium vivax **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

MASSACHUSETTS

*Engelberg, Klemens MSc, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **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 **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Fetterman, Jessica BA, PhD*

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

*Folker, Eric PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Boston College, Chestnut Hill **City:** Chestnut Hill **Project Title:** The importance of nuclear position to Emery-Dreifuss Muscular Dystrophy **Award Start Date:** 1/1/2015 **Award End Date:** 12/31/2017 **Total Years:** 3 **Total Award Amount:** \$231,000

MASSACHUSETTS

*Fredenburgh, Laura MD, MA*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Friebs, Ingeborg MD, MD*

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

MASSACHUSETTS

*Fuster Ortuno, Jose BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **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 **Funding Source:** Founders **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 **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Gopal, Deepa MD, MD*

**Program Type:** Fellow-to-Faculty **Funding Source:** Founders **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

*Guner-Ataman, Burcu BSC, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Massachusetts General Hospital **City:** Boston **Project Title:** Tbx1 Regulation of Pharyngeal Arch Artery Development in Zebrafish **Award Start Date:** 1/1/2014 **Award End Date:** 12/31/2017 **Total Years:** 4 **Total Award Amount:** \$308,000

MASSACHUSETTS

*Han, Jingyan BS, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Boston University Medical Campus **City:** Boston **Project Title:** The role of glutaredoxin-1 in the endothelial barrier regulation and atherosclerosis **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MASSACHUSETTS

*Hanafy, Khalid MD PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

*He, Shun PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Massachusetts General Hospital **City:** Boston **Project Title:** The Role of Interleukin-3 in Biphasic Response after Myocardial Infarction **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$102,200

MASSACHUSETTS

*Herman, Mark BSE, MD*

**Program Type:** Collaborative Science Award **Funding Source:** Founders **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

*Higgins, Sarah DPhil, BSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Beth Israel Deaconess Medical Center **City:** Boston **Project Title:** The Role of the Angiotensin (Angpt)-Tie2 pathway in thrombotic disorders **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

MASSACHUSETTS

*Huang, Tianyi BS, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Brigham & Women's Hospital **City:** Boston **Project Title:** Elucidating the role of sleep in cardiovascular risk: biomarkers of metabolism and stress **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$87,700

MASSACHUSETTS

*Huang, Zhanpeng PhD, BS*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **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 **Funding Source:** Founders **Institution:** Massachusetts General Hospital **City:** Boston **Project Title:** **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2019 **Total Years:** 3 **Total Award Amount:** \$45,000

MASSACHUSETTS

*Jaffe, Iris PhD, MD*

**Program Type:** Established Investigator Award **Funding Source:** Founders **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 **Funding Source:** Founders **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 **Funding Source:** Founders **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 **Funding Source:** Founders **Institution:** Whitehead Institute for Biomedical Research, Cambridge **City:** Cambridge **Project Title:** The role of long non-coding RNA lncE3 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

*Kang, Peter MD, BA*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Kelley, Vickie PhD*

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

MASSACHUSETTS

*Kellnberger, Stephan PhD, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **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

*Keshavarz-Motamed, Zahra PhD, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Massachusetts Institute of Technology **City:** Cambridge **Project Title:** Quantification and systematic differentiation of impact of paravalvular leaks following transcatheter aortic valve repla **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$98,300

MASSACHUSETTS

*Kheir, John BS, MD*

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

MASSACHUSETTS

*Kim, Edy MD PhD, BA*

**Program Type:** Fellow-to-Faculty **Funding Source:** Founders **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 **Funding Source:** Founders **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 Science Award **Funding Source:** Founders **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

*King, Kevin MD PhD, PhD*

**Program Type:** Innovative Research Grant **Funding Source:** Founders **Institution:** Massachusetts General Hospital **City:** Boston **Project Title:** Dissecting Cell-communication in Ischemic Cardiomyopathy using Single Cell Analysis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$150,000

MASSACHUSETTS

*Kleber, Andre MD*

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

MASSACHUSETTS

*Kolachalama, Vijaya PhD, BS*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **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-Zamor, Milka BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **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

*Kwan, Gene MD, MPH*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Founders **Institution:** Boston Medical Center **City:** Boston **Project Title:** A Mixed Methods Evaluation of Barriers to Heart Failure Care in Rural Haiti **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MASSACHUSETTS

*Lee, Jean PhD*

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

MASSACHUSETTS

*Lee, Chih-Hao PhD*

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

MASSACHUSETTS

*Lessard, Sarah BSc, MSc*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Joslin Diabetes Center **City:** Boston **Project Title:** Novel mechanisms regulating the cardiorespiratory and angiogenic response to exercise **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

MASSACHUSETTS

*Lewis, Gregory BA, MD*

**Program Type:** Institute - Grand Challenge Grant **Funding Source:** Founders **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 **Funding Source:** Founders **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 Science Award **Funding Source:** Founders **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

*Lin, Zhiqiang*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Boston Children's Hospital **City:** Boston **Project Title:** Regulation of cardiac growth and regeneration by VGLL4 modulation of the YAP-TEAD1 complex **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

MASSACHUSETTS

*Liu, Cong-Lin MD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Lo, Eng PhD*

**Program Type:** Collaborative Science Award **Funding Source:** Founders **Institution:** Massachusetts General Hospital Cancer Center **City:** Charlestown **Project Title:** Injectable Biomaterial Matrix for Hemorrhagic Stroke: Mechanisms and Therapies **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$345,000

MASSACHUSETTS

*Luptak, Ivan PhD, MD*

**Program Type:** Fellow-to-Faculty **Funding Source:** Founders **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

*Markovitz, Amanda BS, MPH*

**Program Type:** Predoctoral Fellowship **Funding Source:** Founders **Institution:** Harvard School of Public Health **City:** Boston **Project Title:** Preterm Delivery and Maternal Cardiovascular Disease Risk in the HUNT Study **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$51,900

MASSACHUSETTS

*Maron, Bradley BA, MD*

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

MASSACHUSETTS

*Martin, Jessica BS, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Harvard School of Public Health **City:** Boston **Project Title:** Determining the contribution of mammalian fatty acid metabolism to Trypanosoma cruzi infection **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

MASSACHUSETTS

*Mcgrath, Martina MB ChB*

**Program Type:** Fellow-to-Faculty **Funding Source:** Founders **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 Science Award **Funding Source:** Founders **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

*Mcneill, Elizabeth PhD, BS*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Harvard Medical School **City:** Boston **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

MASSACHUSETTS

*Nakano, Toshiaki MD PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Brigham & Women's Hospital **City:** Boston **Project Title:** The mechanism of atheroma progression in chronic kidney disease via Notch signaling **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$112,600

MASSACHUSETTS

*Natarajan, Pradeep BA, MD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Massachusetts General Hospital **City:** Boston **Project Title:** Understanding modifiers of mendelian mutation penetrance using familial hypercholesterolemia as a model **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2020 **Total Years:** 3 **Total Award Amount:** \$229,969

MASSACHUSETTS

*Nezafat, Reza PhD*

**Program Type:** Established Investigator Award **Funding Source:** Founders **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 **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Ozaki, C Keith MD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Parker, Kevin PhD*

**Program Type:** Collaborative Science Award **Funding Source:** Founders **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

*Preston, Ioana MD*

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

MASSACHUSETTS

*Pu, William MD*

**Program Type:** Collaborative Science Award **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Quintiliani, Lisa*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Boston Medical Center **City:** Boston **Project Title:** Behavioral Cardiovascular Disease Prevention using Informatics **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MASSACHUSETTS

*Rabhi, Nabil PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Rahman, Mdhabibunnabi BSc, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Boston Children's Hospital **City:** Boston **Project Title:** Molecular mechanisms regulating Epsin 'mediated IP3R1 degradation in atherosclerosis. **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

MASSACHUSETTS

*Rana, Rajashree PhD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Tufts Medical Center **City:** Boston **Project Title:** Targeting Metalloprotease-PAR1 signaling in Atherosclerosis **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$98,950

MASSACHUSETTS

*Rhee, David BS, MD PhD*

**Program Type:** Fellow-to-Faculty **Funding Source:** Founders **Institution:** Massachusetts General

Hospital **City:** Boston **Project Title:** Exploring Novel Therapeutic Strategies To Prevent Cardiac Dysfunction In Iron Overload Diseases **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2021 **Total Years:** 5 **Total Award Amount:** \$593,000

MASSACHUSETTS

*Roh, Jason BA, MD*

**Program Type:** Fellow-to-Faculty **Funding Source:** Founders **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 Science Award **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Rosenzweig, Anthony MD*

**Program Type:** Strategically Focused Research Network **Funding Source:** Founders **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

*Sands, Scott BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **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

*Sano, Soichi MD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Boston University Medical Campus **City:** Boston **Project Title:** Clonal hematopoiesis and cardiac dysfunction **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$125,120

MASSACHUSETTS

*Satija, Ambika BA, BA*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Harvard School of Public Health **City:** Boston **Project Title:** Plant-based diets and cardio-metabolic risk: Exploring the role of the gut microbiome **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

MASSACHUSETTS

*Sauser Zachrison, Kori*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Founders **Institution:** Massachusetts General Hospital **City:** Boston **Project Title:** Mapping the Stroke Transfer Network in the Northeast **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

MASSACHUSETTS

*Selim, Magdy PhD, MD*

**Program Type:** Collaborative Science Award **Funding Source:** Founders **Institution:** Beth Israel Deaconess Medical Center **City:** Boston **Project Title:** Injectable Biomaterial Matrix for Hemorrhagic Stroke: Mechanisms and Therapies **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$60,000

MASSACHUSETTS

*Shimada, Yuichi MD, MPH*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Founders **Institution:** Massachusetts General Hospital **City:** Boston **Project Title:** Application of Proteomics Profiling to Predict Adverse Cardiovascular Events in Hypertrophic Cardiomyopathy **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$154,000

MASSACHUSETTS

*Singh, Raushan PhD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** University of Massachusetts Medical School **City:** Worcester **Project Title:** Unraveling the molecular mechanism of SWR-C-mediated nucleosome dynamics and its impact on divergent transcription **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$91,100



MASSACHUSETTS

*Skurnik, Geraldine MD, MSc*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **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

*Son, Mary Beth BA, MD*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Founders **Institution:** Boston Children's Hospital **City:** Boston **Project Title:** Predicting Coronary Artery Aneurysms in Kawasaki Disease **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MASSACHUSETTS

*Song, Kai BS, PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **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

*Spartano, Nicole PhD*

**Program Type:** Mentored Clinical & Population Research Program **Funding Source:** Founders **Institution:** Boston University Medical Campus **City:** Boston **Project Title:** The Longitudinal Influence of Midlife Physical Activity and Sedentary Time on Vascular Brain Injury **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$153,687

MASSACHUSETTS

*Spector, Myron PhD*

**Program Type:** Collaborative Science Award **Funding Source:** Founders **Institution:** Brigham & Women's Hospital **City:** Boston **Project Title:** Injectable Biomaterial Matrix for Hemorrhagic Stroke: Mechanisms and Therapies **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$344,997

MASSACHUSETTS

*Swirski, Filip PhD*

**Program Type:** Established Investigator Award **Funding Source:** Founders **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 **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Valero Munoz, Maria BSC, PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Boston University Medical Campus **City:** Boston **Project Title:** Translational regulators of adipose tissue in HFpEF **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$110,456

MASSACHUSETTS

*Van Leyen, Klaus PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

MASSACHUSETTS

*Vest, Amanda BSC, MBBS*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **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

MASSACHUSETTS

*Vlahakes, Gus MD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

MASSACHUSETTS

*Vranceanu, Ana-Maria PhD*

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

MASSACHUSETTS

*Wainford, Richard BSC, PhD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **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

MASSACHUSETTS

*Wainford, Richard BSC, PhD*

**Program Type:** Mentor-AHA Mentee Award **Funding Source:** Founders **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

MASSACHUSETTS

*Wang, Da-Zhi PhD, BS*

**Program Type:** Innovative Research Grant **Funding Source:** Founders **Institution:** Boston Children's Hospital **City:** Boston **Project Title:** A novel approach to define the functions of cardiac lncRNAs **Award Start Date:** 1/1/2016 **Award End Date:** 12/31/2017 **Total Years:** 2 **Total Award Amount:** \$150,000

MASSACHUSETTS

*Wang, Dong ScD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Harvard School of Public Health **City:** Boston **Project Title:** Metabolite Pathway Networks, Mediterranean Diet, and Cardiovascular Disease Risk **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$95,450

MASSACHUSETTS

*Watanabe, Shinya PhD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **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 **Funding Source:** Founders **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, Lu-Chen PhD*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **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 **Funding Source:** Founders **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

*Xing, Changhong BS, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **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, Zhanyang BS, MS*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Massachusetts General Hospital **City:** Boston **Project Title:** Upregulating neuroglobin as a novel strategy targeting neuroprotection and neural regeneration in stroke **Award Start Date:** 7/1/2015 **Award End Date:** 6/30/2018 **Total Years:** 3 **Total Award Amount:** \$231,000

MASSACHUSETTS

*Zhang, Kehan BS, BSE*

**Program Type:** Predoctoral Fellowship **Funding Source:** Founders **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, Bing BA, MD*

**Program Type:** Scientist Development Grant **Funding Source:** Founders **Institution:** Boston Children's Hospital **City:** Boston **Project Title:** ETS1 Regulation of Endothelial Gene Transcription **Award Start Date:** 7/1/2014 **Award End Date:** 6/30/2018 **Total Years:** 4 **Total Award Amount:** \$308,000

MASSACHUSETTS

*Zhou, Jing MD PhD, MD*

**Program Type:** Grant-in-Aid **Funding Source:** Founders **Institution:** Brigham & Women's Hospital **City:** Boston **Project Title:** Regulation of primary cilium formation **Award Start Date:** 7/1/2016 **Award End Date:** 6/30/2018 **Total Years:** 2 **Total Award Amount:** \$154,000

MASSACHUSETTS

*Zhou, Peng PhD, MS*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Beth Israel Deaconess Medical Center **City:** Boston **Project Title:** Mechanisms by which branched fatty acid esters of hydroxy fatty acids (FAHFAs) inhibit hepatic glucose production **Award Start Date:** 7/1/2017 **Award End Date:** 6/30/2019 **Total Years:** 2 **Total Award Amount:** \$106,532

MASSACHUSETTS

*Zuriaga Herrero, Maria PhD, BSC*

**Program Type:** Postdoctoral Fellowship **Funding Source:** Founders **Institution:** Boston University Medical Campus **City:** Boston **Project Title:** Role of PCP signaling in adipose tissue architecture and fibrosis **Award Start Date:** 1/1/2017 **Award End Date:** 12/31/2018 **Total Years:** 2 **Total Award Amount:** \$110,300